Oriel

Desktop Ground Movement Assessment

April 2021

Revision 1.0

Oriel
Creating the centre for advancing eye health

Moorfields Eye Hospital NHS Foundation Trust

NHS

Moorfields Eye Charity

UCL INSTITUTE OF OPHTHALMOLOGY

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Ground Movement Assessment

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Executive Summary

This Ground Movement Assessment (GMA) provides estimates of predicted ground movements associated with the construction of the proposed Moorfields Eye Hospital development on the existing St. Pancras Hospital site (the 'Site'). The Proposed Development comprises a single building, between seven and ten storeys in height (including a lower ground floor level). The GMA supports the Basement Impact Assessment (submitted with the planning application (Document Ref. ORL-INF-XX-XX-RP-PL-330) in October 2020 and revised in February 2021 and April 2021) and has been carried out in accordance with Policy A5 of the Camden Local Plan (Ref. 1) and Camden Planning Guidance (CPG): Basements and Basement Impact Assessment (Ref. 2 and Ref. 3).

This GMA has been prepared ahead of the completion of a ground investigation at the Site and has been prepared using a ground model developed following a desk-based assessment of ground conditions presented in AECOM's Phase 1 Geotechnical and Geo-environmental Desk Study Report (Document Ref. ORL-INF-XX-XX-RP-PL-260) submitted with the planning application in October 2020.

The GMA concludes that movements that may arise from the demolition of existing building and excavation to proposed basement level within the scope of the Proposed Development are not anticipated to adversely impact the neighbouring structures, with damage categories falling within the 'visual appearance or aesthetic' range of building strains (Damage Category 1 in Burland Scale). Some walls have been shown to be in the range of "slight to moderate", however due to the simplified and conservative approach taken in this report the damage category is expected to be an over-estimate at this stage. Additional support stiffness to the temporary retaining walls could also be considered for the most significantly affected building.

At the time of writing this report, a detailed structural survey of the adjacent buildings to the Site, which have the potential to be impacted by the proposed subterranean development, has not been undertaken and would be developed upon completion of the detailed analysis following ground investigation. The scope, scale and timing of any surveys are as yet to be determined.

Qualifications

The following report has been prepared by:

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1. Introduction

1.1 Aim of the Report

AECOM has been commissioned by Moorfields Eye Hospital NHS Trust, on behalf of Oriel[1] (the 'Applicant'), to undertake a Ground Movement Assessment for the construction of a new facility that would allow the existing Moorfields Eye Hospital at City Road (Moorfields at City Road) and University College London (UCL) Institute of Ophthalmology (IoO) on Bath Street to relocate from the existing sites into a single building at the existing St. Pancras Hospital site (hereafter referred to as the 'Proposed Development').

This report provides an assessment of the likely impact of the new basement construction for the Proposed Development at part of the existing St. Pancras Hospital site within the London Borough of Camden (LBC) (hereafter referred to as the 'Site').

This report supports a Basement Impact Assessment report (Document Ref. ORL-INF-XX-XX-RP-PL-330, first submitted in October 2020 and revised in February 2021 and April 2021) prepared in support of the planning application.

1.2 Report Objectives

This Ground Movement Assessment report has been prepared in general accordance with the procedures described in Policy A5 of the Camden Local Plan (Ref. 1), Camden Planning Guidance (CPG): Basements and Basement Impact Assessment (Ref. 2 and Ref. 3) and the guidance document 'Camden Geological, Hydrogeological and Hydrological Study – Guidance for Subterranean Development' (Ref. 4), to demonstrate that the design of the Proposed Development will achieve the following:

- Maintain the structural stability of the proposed building and neighbouring properties;
- Avoid adversely affecting drainage and run-off or causing other damage to the water environment; and
- Avoid cumulative impacts upon structural stability or the water environment in the local area.

1.3 Existing Site and Proposed Development

The Site is bound by St Pancras Way to the west and Granary Street to the north and comprises the north-western part of the existing St Pancras Hospital. It is occupied by several large existing buildings, several smaller structures and internal roads. The Site location is shown on Figure 1.

The buildings to the south and east of the Site, including the North Wing and the Boiler House, form part of the wider St Pancras Hospital, which is to be redeveloped in the future as part of a separate development scheme by King's Cross Central Limited Partnership ('KCCLP'). The design is at an early stage, however, it is understood that KCCLP intend to submit a planning application for the remaining part of the St Pancras

[1] Oriel is a joint venture between Moorfields Eye Hospital NHS Foundation Trust, UCL Institute of Ophthalmology and Moorfields Eye Charity.

Hospital site in 2021. To the south of the Site are the existing Chapel, Gatehouse and former workhouse buildings, which also form part of the emerging KCCLP scheme.

In addition, the building to the north of the Site (the Ugly Brown Building), has been has been granted planning permission (Application Reference 2017/5497/P) for redevelopment and the consented scheme will replace the existing building with six new development blocks providing retail, office, residential and hotel development.

The Proposed Development comprises a single building, between seven and ten storeys in height (including Ground Level and Lower Ground Level, as well as plant at Roof Level), together with provision of public realm at ground level, blue badge parking, and vehicular drop off points along St Pancras Way. The building is arranged around a central atrium and connection space. There is also a roof terrace on the Sixth Floor Level on the south-western corners of the building.

The Proposed Development will comprise a mix of uses including clinical, research and education purposes, including an accident and emergency (A&E) department, outpatients, operating theatres, research areas, education space, café and retail areas, facilities management, office space and plant space.

Given the topography, the Proposed Development shall incorporate a basement of varying depth below ground level. The majority of the basement will be constructed in an open excavation, however temporary retaining walls will be required along the northern and eastern boundaries as there is insufficient space for a battered open excavation. The current design proposals include a sheet piled retaining wall. Based on previous assessment of ground movements, a higher support stiffness may be required to minimise ground movements associated with construction and damage to adjacent buildings and infrastructure. Higher support stiffness may be achieved in various ways, including increased propping, anchoring, alternative construction methods, etc. This report has also considered a secant piled wall to demonstrate that higher levels of support stiffness can reduce ground movements, however final design of the retaining wall is yet to be carried out and will be undertaken following completion of a site-specific ground investigation.

1.4 Sources of Information

This report has been prepared using a combination of published records, information held by the Applicant (where available) and other sources such as information statutory records (such as information from the local authority, Environment Agency) and historical mapping supplied within a Landmark Envirocheck Report (included within Appendix B of the Phase 1 Geotechnical and Geoenvironmental Desk Study Report prepared by AECOM (submitted with the planning application in October 2020 (Document Ref. ORL-INF-XX-XX-RP-PL-260)). These include published geological and hydrogeological mapping (Ref. 5, Ref. 6, Ref. 7 and Ref. 8) and historical borehole records (see Appendix C of the Phase 1 Geotechnical and Geoenvironmental Desk Study Report). All information sources are included in the References section at the end of this report.

1.5 Limitations of the Report

Where any conclusions and recommendations contained in this report are based upon information provided by others, it has been assumed that all relevant information has been provided by those parties and that such information is accurate. Any such information obtained by AECOM has not been independently verified by AECOM,

unless otherwise stated in the report. AECOM accepts no liability for any inaccurate conclusions, assumptions or actions taken resulting from any inaccurate information supplied to AECOM by others.

The methodology adopted and the sources of information used by AECOM in providing its services are outlined in this report. The work described in this report was undertaken between February 2021 and April 2021 and is based on the conditions encountered and the information available during the said period of time. The scope of this report and the services are accordingly factually limited by these circumstances. AECOM disclaim any undertaking or obligation to advise any person of any change in any matter affecting the Report, which may come or be brought to AECOM's attention after the date of the report.

The information, views and conclusions drawn concerning the site are based, in part, on information supplied to AECOM by other parties. AECOM has proceeded in good faith on the assumption that this information is accurate. AECOM accepts no liability for any inaccurate conclusions, assumptions or actions taken resulting from any inaccurate information supplied to AECOM from others.

Certain statements made in the report that are not historical facts may constitute estimates, projections or other forward-looking statements and even though they are based on reasonable assumptions as of the date of the report, such forward-looking statements by their nature involve risks and uncertainties that could cause actual results to differ materially from the results predicted. AECOM specifically does not guarantee or warrant any estimate or projections contained in this report.

This report shall be revised as the design of the Proposed Development progresses (such as the design of superstructure and basement, including but not limited to superstructure loads, pile lengths and diameter for bearing piles and retaining wall, construction sequence, temporary support stiffness) and when site-specific ground investigation (GI) data becomes available. The damage classification stated in this report shall be reviewed on the basis of the GI data.

2. Site Investigation and Study

2.1 Previous Ground Investigations

A Ground Investigation on the Site has not yet been carried out to date. It is anticipated this will be secured through an appropriately worded planning condition or Section 106 obligation.

A Phase 1 Geotechnical and Geoenvironmental Desk Study Report has been prepared by AECOM (submitted with the planning application in October 2020 (Document Ref. ORL-INF-XX-XX-RP-PL-260)) which summarises and reviews available geotechnical information relating to the Site, as detailed in Section 1.4 of this report.

2.2 Historical Exploratory Hole Records

The British Geological Survey (BGS) holds an archive of historical borehole logs throughout the UK. AECOM has searched the database and a summary of the borehole logs which are considered to provide useful information on the ground profile at the Site is given in Table 2-1. Further details are provided in Appendix C of the Phase 1 Geotechnical and Geoenvironmental Desk Study Report.

Table 2-1: Historical Exploratory Holes in BGS Archive

Borehole Reference National Grid Reference (NGR) Distance from the Site Date	Stratum [1]	Description	Depth to Top of Stratum [2] (m bgl)	Level of Top of Stratum (m AOD)	Thickness (m)
TQ28SE1564 529680 183620 On site 1976	Drift	Gravel	G.L.	-	6.10
	London Clay	Blue clay	6.10	-	15.24
	Woolwich and Reading Beds	Yellow clay	21.34	-	12.19
	Thanet Sand	Sand	33.53	-	12.50
	Upper Chalk	Chalk	46.03	-	Not proven
TQ28SE314 529570 183780 140m N October 1907	Made Ground	Macadams	G.L.	21.59	0.61
	London Clay	Brown clay	0.61	20.98	6.48
		Blue clay	7.09	14.50	Not proven
TQ28SE1977 529909 183690 220m E 02/11/1995	Made Ground	Concrete	G.L.	25.61	0.10
		Loose, brown, slightly clayey silty fine to coarse sand with much angular and subangular; fine to coarse concrete, flint, brick and glass gravel and occasional subangular concrete cobbles. Occasional roots (up to 10mm).	0.10	25.51	0.20
		Loose, brown, dark grey and black silty fine to coarse ash sand with some angular and	0.30	25.31	0.20

	subangular; fine to coarse brick, concrete, flint, wood and coal gravel. Occasional fine roots (<1mm).			
	Firm, brown, grey and orange brown mottled locally slightly sandy (fine to coarse) clay with rare angular and subangular; fine and medium flint and clinker gravel and occasional subangular concrete cobbles. Strong fuel (diesel) odour from water.	0.50	25.11	1.50
London Clay	Firm to stiff, brown and grey brown extremely closely lensoidally fissured clay. Fissures smooth; locally gleyed grey. Occasional partings and fine and medium gravel sized pockets of orange brown slightly clayey silty fine and medium sand. Grade IIIc.	2.00	23.61	2.05
	Stiff, brown and grey brown extremely closely fissured clay. Fissures randomly orientated; smooth and planar to curviplanar. Grade IIIb.	4.05	21.56	5.45
	Stiff, brown and grey very closely fissured clay. Fissures randomly	9.50	16.11	6.10

orientated; smooth and planar to curviplanar and undulose. Occasional partings and thick laminae (<1mm) of orange brown, dark grey and light brown silty fine sand, locally as dusting on fissures, and occasional coarse sand and fine gravel sized shell fragments. Locally bioturbated. Grade IIb.			
Very stiff, grey very closely to closely fissured clay. Fissures generally subhorizontal (0-20 degrees), smooth, locally slightly polished, planar to curviplanar. Locally with dustings of grey, brown and light brown silty fine sand on fissures. Grade Ib.	15.60	10.01	5.40
Very stiff, dark grey very closely fissured clay. Fissures generally subhorizontal (0-10 degrees), smooth and planar to undulose locally with a dusting of light brown silty fine sand. Occasional thin laminae and partings of light grey silt and silty fine sand. Grade I.	21.00	4.61	12.80

	Woolwich and Reading – Upper Mottled Clay	Very stiff, brown and grey mottled, fissured clay. Fissures randomly orientated, smooth locally polished, planar to undulose.	33.80	-8.19	Not proven
TQ28SE2002 529858 183430 240m SE 18/10/1995	Made Ground	Loose, black slightly clayey silty fine to coarse ash sand with some angular and subangular, predominantly fine and medium with a little coarse clinker gravel.	G.L.	24.81	3.30
		Soft to firm, brown and grey locally mottled black slightly sandy (fine to coarse) clay with a little angular to subrounded, fine and medium flint and brick gravel.	3.30	21.54	1.40
	London Clay	Firm, brown and orange brown locally slightly sandy (fine and medium) very silty clay with occasional subangular, fine and medium gravel sized firm to stiff, grey brown lithorelicts and occasional subrounded, medium gravel sized light grey weak calcareous siltstone nodules. Occasional fine roots (<1mm), locally gleyed grey along root traces. Grade IV.	4.70	20.14	0.70

	-	5.40	19.44	0.60
	Stiff, brown indistinctly laminated very closely fissured clay. Fissures randomly orientated, surfaces smooth, occasionally pitted, gleyed blue grey with rare root traces. Grade IIIb.	6.00	18.84	5.55
	Very stiff, grey brown indistinctly laminated very closely fissured clay. Fissures randomly orientated, planar and curviplanar, smooth and clean. Grade IIb.	11.55	13.29	6.55
	Very stiff, grey brown indistinctly laminated closely fissured (possibly very silty) clay with occasional lenses (30mm x 2mm) of light brown fine sand. Fissures generally inclined 60 to 80 degrees and 10 to 30 degrees, generally planar, smooth and clean. Grade Ib.	18.10	6.74	11.32
	Text missing from borehole log.	29.42	-4.58	4.88
Woolwich and Reading	Very stiff, blue grey mottled brown fissured friable clay. Fissures closely spaced, inclined 30 to 50 degrees, planar, rough, occasionally	34.30	-9.46	7.84

	polished and clean. Potentially Upper Mottled Clay becoming Lower Mottled Clay.			
	Purple brown fine and medium sand. Potentially Upper Sand.	42.14	-17.30	1.24
Upnor Formation	Green grey occasionally mottled yellow brown and red brown clayey fine and medium glauconitic sand with rare weathered rounded, fine and medium flint gravel. Occasional fissures irregular, inclined 70 to 80 degrees, rough, clean.	43.38	-18.54	0.47
	Grey clayey silty locally slightly glauconitic fine and medium sand with many extremely closely spaced lenses (<80mm x 10mm) of light grey medium sand.	43.85	-19.01	1.55
	Very stiff, grey clay with extremely closely spaced partings and lenses (<80mm x 3mm) of light grey locally slightly glauconitic medium sand.	45.40	-20.56	0.64
	Grey brown fine and medium sand with very closely and closely spaced bands of thinly interlaminated, very stiff	46.04	-21.20	3.81

	grey clay and light grey fine and medium sand.			
Thanet Sand	Grey slightly silty fine and medium sand.	49.85	-25.01	1.00
Bullhead Beds	Black stained dark green coarse gravel and cobble sized flint fragments with some dark grey silty fine and medium sand and occasional pockets (<20mm diameter) of dark green slightly sandy glauconitic clay.	50.85	-26.01	0.30
Upper Chalk	White slightly weathered chalk, weak, medium density with some light grey marly chalk wisps. Fractures 70 to 90 degrees, irregular, smooth, with some black speckling. Parallel incipient fractures very closely spaced (25/40/50). Grade II/III? Medium density, A3?	51.15	-26.31	3.20
	White fresh chalk, moderately weak, high density, with some light grey marly chalk wisps. Fractures medium spaced, 5 to 10 degrees, planar, smooth and clean occasionally lightly stained grey. Grade II, High density, A2.	54.35	-29.51	Not proven

TQ28SE10 529280 183586 330m W 1901	Made Ground	-	G.L.	25.91	0.91
	London Clay	Yellow clay	0.91	25.00	6.71
		Blue clay	7.62	18.29	0.91
		Claystones	8.53	17.38	0.31
		Blue clay	8.84	17.07	19.2
	Woolwich Beds	Mottled clay	28.04	-2.13	12.5
		Sandy green clay	40.54	-14.63	2.74
	Thanet	Grey sand	43.28	-17.37	5.79
		Flints	49.07	-23.16	0.31
	Chalk	Chalk and flints	49.38	-23.47	Not proven
TQ28SE9 529389 183895 330m NW Unknown	London Clay	Yellow clay.	4.42	-	24.84
		Blue clay.	29.26	-	6.10
	Woolwich And Reading Beds Formation	Mottled clay.	35.36	-	3.04
		Sandy loam.	38.40	-	3.66
		Greensand.	42.06	-	3.97
	Thanet Formation	Grey sand.	46.03	-	7.31
	Chalk Group	Chalk and flints.	53.34	-	5.79
		Chalk.	59.13	-	51.82
		Chalk and flints.	110.95	-	7.31
		Chalk boulders.	118.26	-	6.94
		Hard chalk.	125.20	-	Not proven

Notes:
1. The geological classification is based on information available on the borehole logs and is therefore indicative only.
2. G.L. is Ground Level.

2.3 Ground Model

Based on the published geological and hydrogeological information, a selection of historical borehole records, and findings from the ground investigations carried out in the vicinity of the Site, a ground model for the Site is presented in Table 2-2. A single onsite borehole installed in 1976 recorded 15m of London Clay (see Table 2-1). However, surrounding boreholes within 300m of the Site record thicknesses of London Clay of up to 30m. The ground conditions on the Site will be confirmed in proposed site-specific ground investigation.

Table 2-2: Ground Model for the Site

Geology

Stratum	Typical Description	Anticipated Thickness (m)
Made Ground	Loose, silty fine to coarse ash sand; loose, brown, slightly clayey silty fine to coarse sand; and soft to firm, brown and grey locally mottled slightly sandy clay with clinker gravel, brick, concrete, flint, wood, concrete cobbles and coal gravel. Occasional roots.	Up to 5m
London Clay Formation	Firm to very stiff yellow/brown/blue/grey extremely closely to closely fissured clay. Occasional partings, gravel sized pockets, local dusting in fissures and laminae of slightly clayey silty fine sand.	Up to 30m
Lambeth Group	Very stiff, mottled, fissured clay, sandy green clay and greensand. some purple brown sand beneath.	10 – 15m
Upnor Formation	Light grey to grey fine and medium slightly glauconitic clayey sand and very stiff grey clay.	6.5m (if present)
Thanet Formation	Grey sand with some flints.	Up to 10m
Bullhead Beds	Black stained dark green coarse gravel and cobble sized flint fragments with some silty fine and medium sand and occasional pockets of dark green slightly sandy glauconitic clay.	< 1m (if present)
Chalk Group	White chalk, weak to moderately weak, medium to high density, with flints and some light grey marly chalk wisps.	> 90m

Groundwater

Stratum	Description	Anticipated Depth (m bgl)
London Clay Formation	London Clay Formation is classified as Unproductive Strata.	-

2.4 Ground Model Parameters

Design parameters for each stratum have been derived from conservative estimates and correlations. The parameters used for the analyses are presented in Table 2.3. The analyses presented in this report only consider the Made Ground and London Clay since other strata are considered to be too deep to be of relevance to the GMA.

Table 2.3: Assumed parameters for retaining wall analysis

Parameter	Made Ground	London Clay Formation
Top of strata (m OD)	22.85	20.0
Thickness (m)	2.85	30
Unit weight, γ (kN/m^3)	18	20
At-rest earth pressure coefficient, Ko	0.53	1.5
Undrained shear strength, c_u (kPa)	0	41 + 7.18z
Undrained Young's Modulus, E_u (kPa)	7000	102360
Drained Young's Modulus, E' (kPa)	5600	81888
Poisson's ratio, ν_u (kPa)	0.2	0.5

Notes:

[1] Top of Lambeth Group was considered the rigid boundary.

[2] Stiffness for London Clay has been calculated assuming Eu = 400Cu and E' = 0.8Eu (CIRIA C760)

[3] K_o = 1.5 for over-consolidated clays and K_o = 1-sinϕ for normally consolidated clays, sands and gravels, in accordance with CIRIA 760.

[4] For the London Clay Formation it is assumed c_u = 41+7.18z based on previous experience in similar ground conditions (z_o is at 20m AOD).

3. Impact Assessment

3.1 Ground Movement Assessment

Proposed Construction Sequence

The proposed demolition of buildings on the existing Site and anticipated construction sequence for the Proposed Development are detailed in the Basement Impact Assessment report submitted with the planning application.

In summary this comprises the following broad stages:

- Demolition of existing buildings in the Site, including removal of existing below ground services, ducts and foundations.
- Excavation, open excavation is to be utilised wherever possible during the basement construction.
- Temporary retaining walls will be required along the north and east elevations of the building due to the proximity of St. Pancras Way and the Mary Rankin dialysis unit, located in the North Wing building, which would be affected by the use of open excavation along the eastern elevation. An assessment was initially carried out for a temporary sheet pile wall. The analysis showed that this section needed to be of significantly depth and the wall displacements were high. To demonstrate a reduction in movements and obtain a lower damage category the retaining wall has also been considered as a stiffer secant piled wall. Temporary propping will be used to support the retaining wall.
- Piling, all piles will be installed during a single phase to prevent redeployment of the piling contractor and equipment and minimise noise and vibration impacts. Faustin et al (2018) (Ref. 9) reported ground movements of less than 5mm due to installation of deep secant piles in similar ground conditions. Assuming a high quality of workmanship, such ground movements are relatively small and therefore have not been considered in this assessment.
- Substructure construction, it is proposed that all pile caps and ground beams will be constructed initially, allowing the base slabs to be constructed at the level above.
- Above ground building construction, upon completion of the basement and lower ground floor, the ground floor will be constructed followed by the upper floors.

Sources of Ground Movement

The ground beneath and adjacent to the Proposed Development will undergo a series of stress changes resulting from demolition of existing buildings, excavation to the new formation level and reloading with the proposed new building loads.

These stress changes will result in short term (undrained soil behaviour) ‘elastic’ movement of the ground and in long term (drained soil behaviour) ‘consolidation’ and/or ‘swelling’ movement associated with changes in pore water pressure and effective stress in the ground. The assessment of ground movement follows the general principles of the building damage assessment procedure in accordance with CIRIA guidance C760 (Ref. 10).

The following ground movements have been assessed in this report:

- Movements due to temporary embedded bored pile wall deflection, in accordance with CIRIA C760 recommendations and employing soil-structure-interaction (SSI) using WALLAP by Geosolve;
- Movements due to vertical unloading, resulting from unloading following demolition of the existing structure and excavation to the new formation level using PDISP by Oasys; and
- Movements due to vertical loading resulting from construction of the new building using PDISP by Oasys.

Ground movements due to unloading and reloading of the soil within the basement have been assessed using PDISP. Temporary retaining wall displacements have been assessed using WALLAP. The output from these two analyses were imported into XDISP to determine the damage category.

Movements due to Embedded Wall Deflection

Vertical and Horizontal Movements

Ground movements behind the new retaining wall will occur as a result of the excavation at the front of the wall. In order to assess these movements, soil-structure-interaction (SSI) analysis was undertaken using WALLAP by Geosolve. The computed horizontal deflections of the wall were used to estimate ground movements at the back of the wall due to excavation (vertical and horizontal), in accordance with guidance in CIRIA C760. The CIRIA C760 guidance suggests that the vertical movement trough at the back of the wall for excavations within the London Clay is equal to half the rotated horizontal deflection profile of the wall. For the horizontal movements, CIRIA C760 suggests an empirical assessment. The range over which the horizontal movements become negligible was taken from the assessment, whilst the maximum horizontal deflection was capped based on computed deflections at the foundation level of the neighbouring structures.

It should be noted that the CIRIA C760 empirical data and guidelines refer to short-term conditions in absence of reliable published long-term monitoring data. This suggests that the horizontal and vertical movements, which were observed on a number of sites and reported in CIRIA C760, include short-term heave movements due to undrained deformation, opening of fissures and de-saturation resulting from the excavation unloading.

A bored pile length of approximately 18m was used in the WALLAP analyses based on a preliminary pile design and taking account of the anticipated pile loading. Since the bored pile wall is temporary, only short-term conditions have been modelled in WALLAP. The excavation levels will vary across the basement and as such the more onerous excavation level of 15.35m OD has been used for the WALLAP analyses to obtain the worst case wall displacements. For the southern and western Site boundaries where the excavation will be achieved by battering the ground at a safe slope angle, no movement due to wall deflection has been included in the analysis.

Propping Details

Propping details are unknown at the time of writing this report. Therefore, the temporary restraint system has been modelled based on angled steel struts propping the wall at 45 degrees at an elevation of 20m above ordnance datum (AOD). A prop spacing of 4m has been assumed.

Results

The deflection profiles of the wall sections was estimated for short-term conditions using WALLAP, showing maximum deflections of 27mm that occur approximately at existing ground level. The detailed results are presented in Appendix A

Movements due to Vertical Unloading and Loading

Vertical ground movements resulting from unloading following demolition of the existing building and excavation to the new formation level, followed by loading due to the development construction have been assessed using PDISP by Oasys (version 20.0). The Boussinesq method of movement calculations has been adopted, which PDISP calculates the displacements within a linear elastic or non-linear soil mass as a result of uniform normal or tangential pressure being applied to polygonal and circular loaded planes. When calculating stress changes within the soil, the program assumes the soil is an elastic half-space.

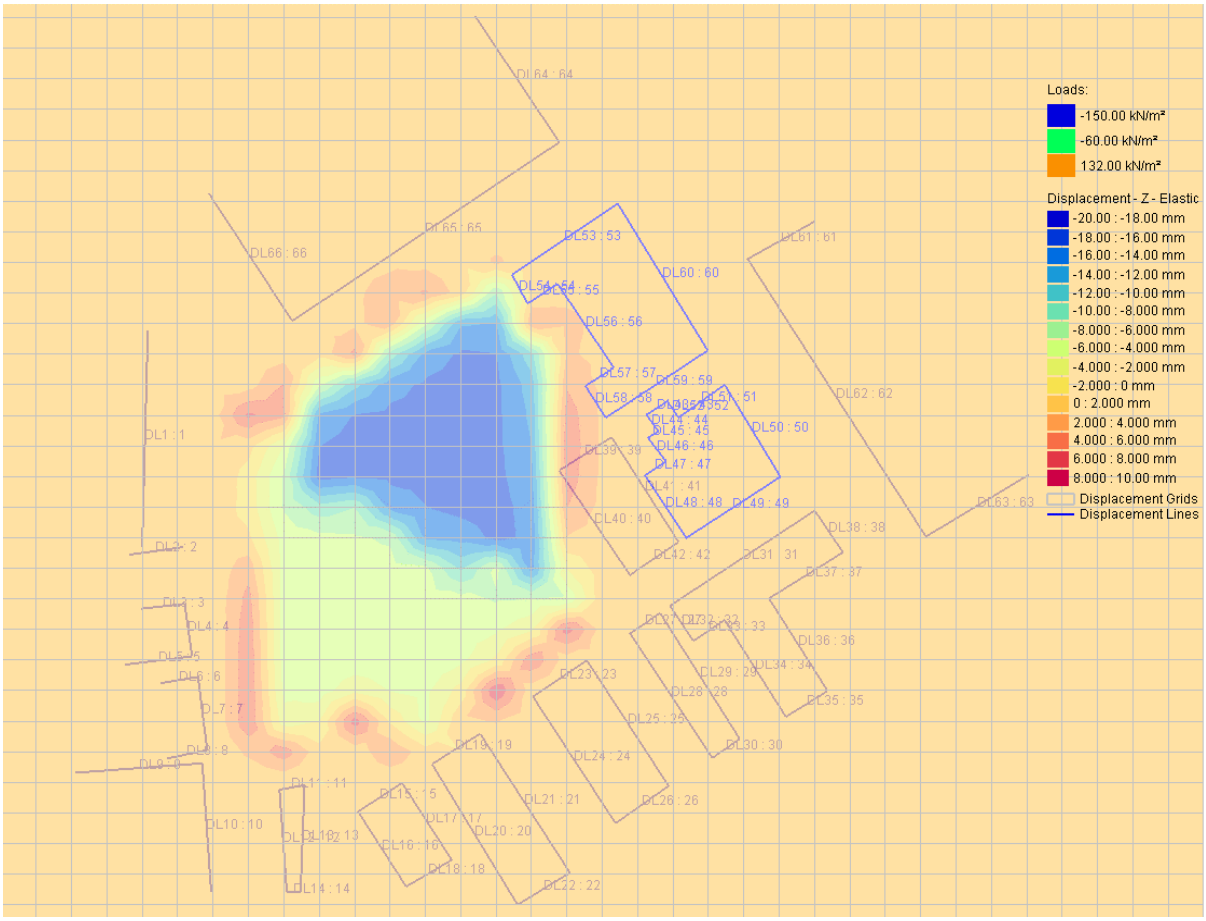
The following two ground movement analyses have been undertaken accounting for:

- demolition and excavation unloading; and
- the development construction.

Both short term (undrained) and long term (drained) conditions were modelled. The basement structure slab level is located between 17.15m OD and 19.3m OD, below which there is a 300mm thick reinforced concrete slab and 160mm heave protection. The ground level also varies from a maximum of 23m OD at the northern boundary of the Site to a minimum of 19.21m OD in the southwestern boundary of the Site. The resulting excavation level across the Site ranges from less than 0.5m to a maximum of approximately 7.5m. The PDISP analyses accounts for this variable excavation level across the basement by considering two zones having an excavation level of 15.35m OD (7.5m deep excavation) and <3m below ground level (bgl). While all ground movements relating to both unloading and loading have been considered, it should be noted that the recorded movements within the basement excavation will be different than the ones predicted from the PDISP analyses as the short-term heave will be removed before casting the slab. Furthermore, the estimated movements refer to ‘greenfield’ conditions, assuming that they are not affected by overlying or adjacent structures. Therefore, the actual movements as a result of the Proposed Development are likely to be less than the predicted values.

Ground movement due to excavation of the proposed basement and soil reloading due to construction of the piles supporting the superstructure are presented as contours in Plot 1 below. The contours are taken at the level of the surrounding foundations, 20.85m OD for the short term.

Plot 1 Anticipated settlement due to excavation of basement and reloading of piles (short term).



3.2 Structural Assessment of Ground Movement

Introduction

This section provides an engineering interpretation of the impact of the Proposed Development on the buildings surrounding the Site based on the modelling undertaken, as described in Section 3.1.

Condition Surveys

For adjacent structures affected by the proposed building construction, it is anticipated that condition surveys will be carried out. These will be undertaken to identify any existing defects in these structures prior to the commencement of the works, subject to approval from adjacent landowners. These records will be used to help identify any changes to the conditions of these structures that might occur as a direct result of the Proposed Development.

During the construction works the movement of the basement walls will be monitored. This monitoring will be undertaken on a regular basis to monitor the lateral movement of the retaining walls. The monitoring results will then be compared against the predicted lateral movements of the walls. If movements measured are found to be approaching the predicted lateral movement, then the frequency of the monitoring will be increased for the section of the retaining wall concerned. If the movements

measured are found to be in excess of the predicted lateral movement then works around that area will be stopped until the cause of those movement has been established and any necessary remedial actions taken.

Building Damage Assessment

Classification of Damage

An assessment of the potential damage to neighbouring structures immediately around the proposed basement has been undertaken. The assessment methodology for buildings adopted looks at the likely risk of damage to the structure. The degree of damage is generally categorised into three progressive levels:

- Visual appearance or aesthetics
- Serviceability or function
- Stability

As the ground movements beneath the foundations of the structure increase, the damage to the building will move through these three categories. Burland et al (1977) (Ref. 11) defined the classification of visible damage. In addition, further work by Boscardin and Cording (1989) (Ref. 12) introduced the concept of limiting tensile strain. As a result, the categories of damage identified by Burland et al (1977) (Ref. 11) have been related to ranges of limiting tensile strain.

Table 3-1 summarises the categories of damage identified by Burland et al (1977) (Ref. 11) and the relevant limiting tensile strains. Categories 0, 1 and 2 relate to aesthetic damage, categories 3 and 4 relate to serviceability damage and category 5 relates to stability damage.

Table 3-1: Classification of Visible Damage to Walls

Damage Category	Normal Degree of Severity	Description of Typical Damage (Ease of Repair in Bold Type)	Limiting Tensile Strain ε_{lim} (%)
0	Negligible	Hairline cracks less than about 0.1mm wide	0-0.05
1	Very slight	Fine cracks that are easily treated during normal decoration. Damage generally restricted to internal wall finishes. Close inspection may reveal some cracks in external brickwork or masonry. Typical crack widths up to 1mm.	0.05-0.075
2	Slight	Cracks easily filled. Redecoration probably required. Recurrent cracks can be masked by suitable linings. Cracks may be visible externally and some repointing may be required to ensure weather tightness. Doors and windows may stick slightly. Typical crack widths up to 5mm.	0.075-0.15
3	Moderate	The cracks require some opening up and can be patched by a mason. Repainting of external brickwork and possibly a small amount of brickwork to be replaced. Doors and windows sticking. Service pipes may fracture. Weather tightness often impaired. Typical crack widths are 5-15mm or several >3mm.	0.15-0.3
4	Severe	Extensive repair work involving breaking out and replacing sections of walls, especially over doors and windows. Windows and door frames distorted, floor sloping noticeably. Walls leaning of bulging noticeably, some loss of bearing in beams. Service pipes disrupted. Typical crack widths are 15-25mm, but also depends on the number of cracks.	>0.3
5	Very severe	This requires a major repair job involving partial or complete rebuilding. Beams lose bearing, walls lean badly and require shoring. Windows broken with distortion. Danger of instability. Typical crack widths are greater than 25mm but depends on the number of cracks.	-

The categories of damage given above and the limiting tensile strains suggested by the published literature are based solely on masonry structures. Where a different structural type is present the limiting tensile strains and categories of damage are not directly applicable and may be generally considered conservative. However, in the absence of suitable alternative screening criteria, the assessment methodology based on masonry structures may be used for non-masonry buildings in conjunction with engineering judgement.

Basis of Building Damage Assessment

The Building Damage Assessment uses the work described in Burland et al (Ref. 13) and Gaba et al (Ref. 10). In this approach the façade of the building is represented by a simple beam whose foundations are assumed to follow the displacement of the ground in accordance with 'greenfield' site assumptions. The maximum tensile strains are then calculated using pairs of equations that consider combinations of horizontal strain, bending strain and diagonal strain.

The assessment at this stage should be considered as preliminary and the results are likely to be conservative. Consequently, the categories of damage derived in this level of assessment are only possible degrees of damage. The actual damage should be less than the predicted level of damage in the majority of cases. The reason for this is that the stiffness of the building will be such that the foundations will interact with the supporting ground and tend to reduce both the deflection ratio and the horizontal strains.

Figure 2 shows the locations of all of the considered building walls relative to the Proposed Development.

Calculations

The calculations undertaken are based on the procedure presented by Burland et al (Ref. 13). For each of the walls considered in this assessment the resultant tensile strain has been calculated. The calculations use the following four equations:

$$\frac{\Delta}{L} = \left(1 + \frac{HL^2}{18I}\frac{G}{E}\right)\epsilon_d$$

$$\frac{\Delta}{L} = \left(\frac{L}{12t} + \frac{3I}{2tLH}\frac{E}{G}\right)\epsilon_b$$

$$\epsilon_{bt} = \epsilon_h + \epsilon_b$$

$$\epsilon_{dt} = 0.35\,\epsilon_h + \sqrt{(0.65\,\epsilon_h)^2 + {\epsilon_d}^2}$$

Where:

Δ = deflection from straight line settlement
H = height of the building
L = length of the building (but limited by any point of inflexion)
E = Young's modulus of building
G = shear modulus of building

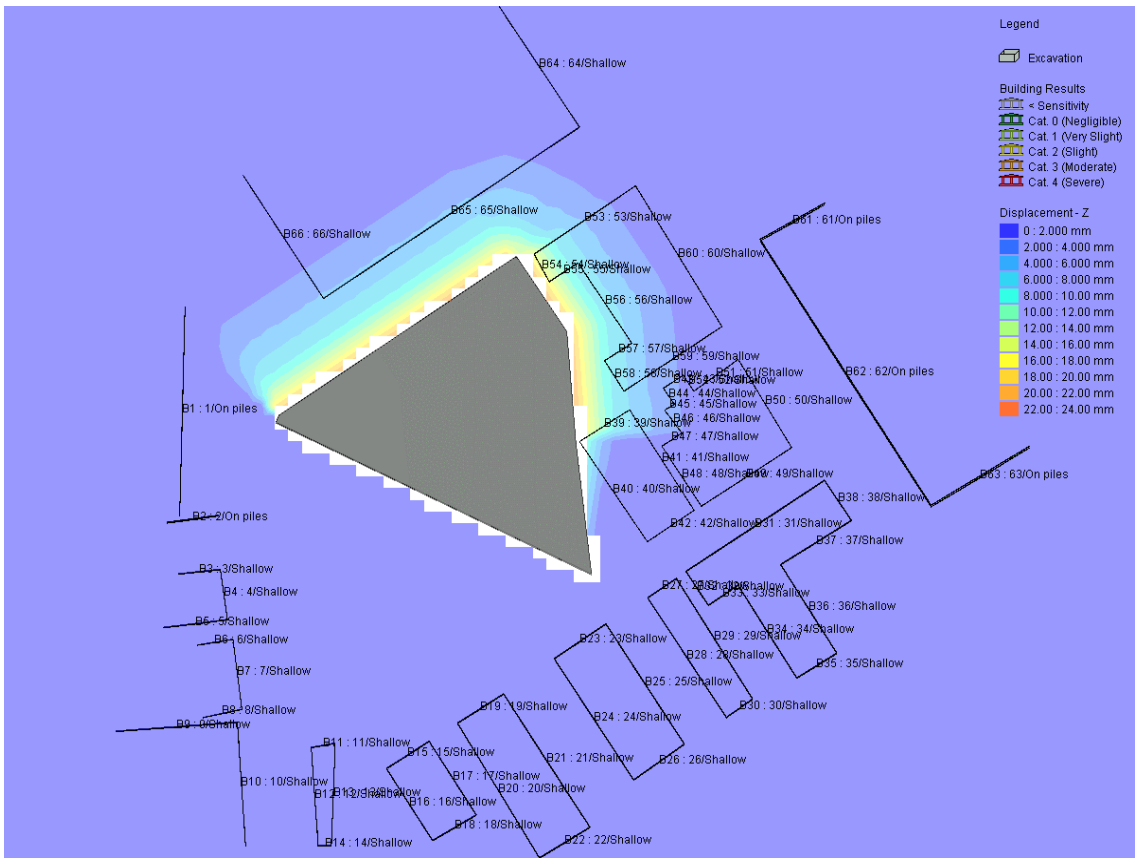
I = second moment of area (= $H^3/12$ in the sagging zone and $H^3/3$ in the hogging zone)
t = the furthest distance from the neutral axis to edge of 'beam' (= H/2 in the sagging zone and H in the hogging zone)
ε_b = maximum bending strain
ε_d = maximum diagonal strain
ε_h = maximum horizontal strain
ε_{bt} = total bending strain
ε_{dt} = total diagonal strain

The calculations have been carried out using XDISP by Oasys.

Results

The results for the analyses are summarised on a contour plan showing anticipated ground movements in Plot 2 and with a summary of building damage categories in Table 3-2 below. The full results of the analyses are presented in Appendix C.

Plot 2 Anticipated ground movement contour plan



In the vicinity of surrounding footpaths, highways and underground utilities greenfield ground movements are expected to be negligible, with the exception of Granary Street to the north of the excavation, where 6 to 16mm of movement is anticipated in the worst case across the width of Granary Street, as shown in Plot 2.

Table 3-2: Building Damage Assessment Results

Wall No.	Worst Case Damage Category	Wall No.	Worst Case Damage Category
1	NA	34	NA
2	NA	35	NA
3	NA	36	NA
4	NA	37	NA
5	NA	38	NA
6	NA	39*	NA
7	NA	40*	NA
8	NA	41*	NA
9	NA	42*	NA
10	NA	43	2
11	NA	44	1
12	NA	45	2
13	NA	46	1
14	NA	47	0
15	NA	48	0
16	NA	49	NA
17	NA	50	NA
18	NA	51	NA
19	NA	52	0
20	NA	53	2
21	NA	54	NA
22	NA	55	3
23	NA	56	0
24	NA	57	2
25	NA	58	NA
26	NA	59	1
27	NA	60	NA
28	NA	61	NA
29	NA	62	NA
30	NA	63	NA
31	NA	64	NA
32	NA	65	NA
33	NA	66	0

* Included in analyses but to be demolished

4. Conclusions

A GMA has been undertaken for the Proposed Development. This has included calculations of predicted ground movements and an assessment of the structural impact on the surrounding buildings.

Calculations have been undertaken to assess the potential impact on the surrounding structures and assets. Ground movements used in the damage assessment are based on the deflection profile of the retaining wall predicted by analysis software and the recommendations of CIRIA 760.

The building damage assessment was undertaken based on Burland et al. (Ref. 13) method for the exterior walls of adjacent structures accounting for the demolition of the existing building, excavation of the new basement. The majority of the walls were found to be in Damage Category 1 ("very slight" damage) or less.

The boiler house to the east of the excavation (walls 43 to 51) and the North Wing building to the immediate north east of the excavation, housing the Mary Rankin dialysis unit (walls 53 to 60) have been calculated to be in the "slight" category for the worst cases, with one wall in the North Wing being classified as "moderate". The damage category is considered to be conservative due to the simplified and conservative assumptions included in the assessment at this stage. It is considered likely that damage categories would be lower with a more detailed analysis following ground investigation.

At the time of writing this report, a detailed structural survey of the buildings which have the potential of being impacted by the proposed subterranean development, has not been undertaken. The buildings immediately east of the Site form part of the wider St Pancras Hospital site, including The North Wing, and are also anticipated to be redeveloped in the future by KCCLP. The design is at an early stage, however, it is understood that KCCLP intend to submit a planning application for the remaining part of the St Pancras Hospital site in 2021.

It is anticipated that following completion of ground investigation at the Site and during detailed design, a less conservative design could be adopted, with the incorporation of additional support measures to keep the Damage Category for all surrounding structures at Category 1 or less. This will be demonstrated in the Basement Construction Plan prepared following detailed design.

Adjacent utilities and highways infrastructure adjacent to the Site to the west, east and south are not anticipated to be impacted by the proposed construction as associated ground movements are expected to be negligible in these areas. On the basis of this assessment Granary Street to the north of the Site is expected to experience 6 to 16mm of displacement. Since utilities are expected to run parallel to the excavation, differential movements on utilities along the length would be expected to be of lesser concern. Additional mitigation measures could be implemented during construction to reduce impacts at the edges of the displacement zone.

Anticipated movements for the highway and footpaths would be expected to be reduced following the site-specific ground investigation and detailed design. Additional mitigation measures could also be considered in the Basement Construction Plan.

5. References

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Ref. 2. London Borough of Camden, (2018); Camden Planning Guidance: Basements. https://www.camden.gov.uk/basement-developments

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Ref. 4. Arup, (2010); London Borough of Camden, Geological, Hydrogeological and Hydrological Study: Guidance for subterranean development. https://www.camden.gov.uk/basement-developments

Ref. 5. British Geological Survey GeoIndex Onshore online geological mapping: http://mapapps2.bgs.ac.uk/geoindex/home.html. Accessed July 2020

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Ref. 9. Faustin, NE, Elshafie, MZEB and Mair, RJ (2018). Case studies of circular shaft construction in London. Proceedings of the Institution of Civil Engineers - Geotechnical Engineering 171(5) pages 391 – 404. https://doi.org/10.1680/jgeen.17.00166

Ref. 10. Gaba, A. et al (2017) Guidance on Embedded Retaining Wall Design. London, CIRIA. (C760).

Ref. 11. Burland, J. B. (1979) Settlement of Buildings and Associated Damage. Garston, CP 33/75, BRE.

Ref. 12. Boscardin and Cording (1989), Building Response to Excavation-Induced Settlement

Ref. 13. Burland et al (2001) Building response to tunnelling, case studies from construction of the Jubilee Line Extension. CIRIA Special Publication 200

Figures

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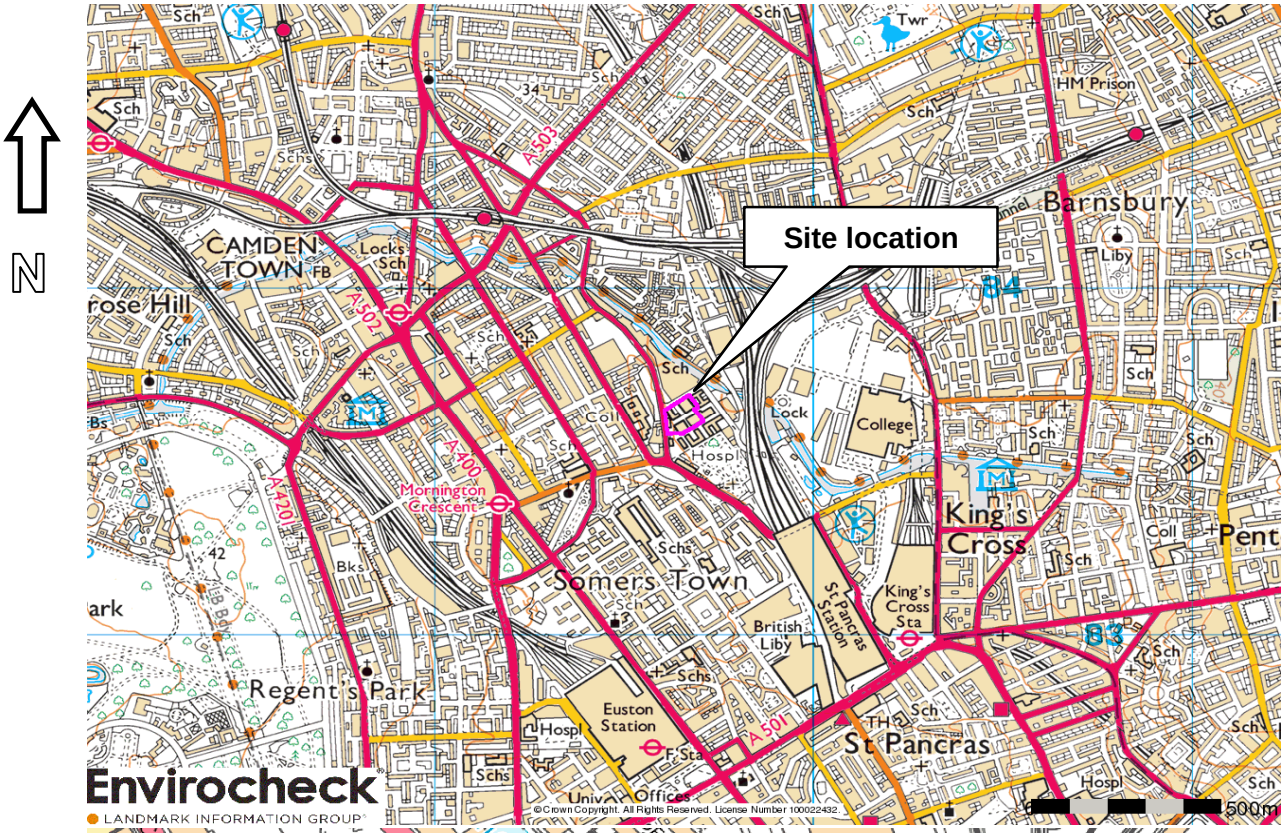
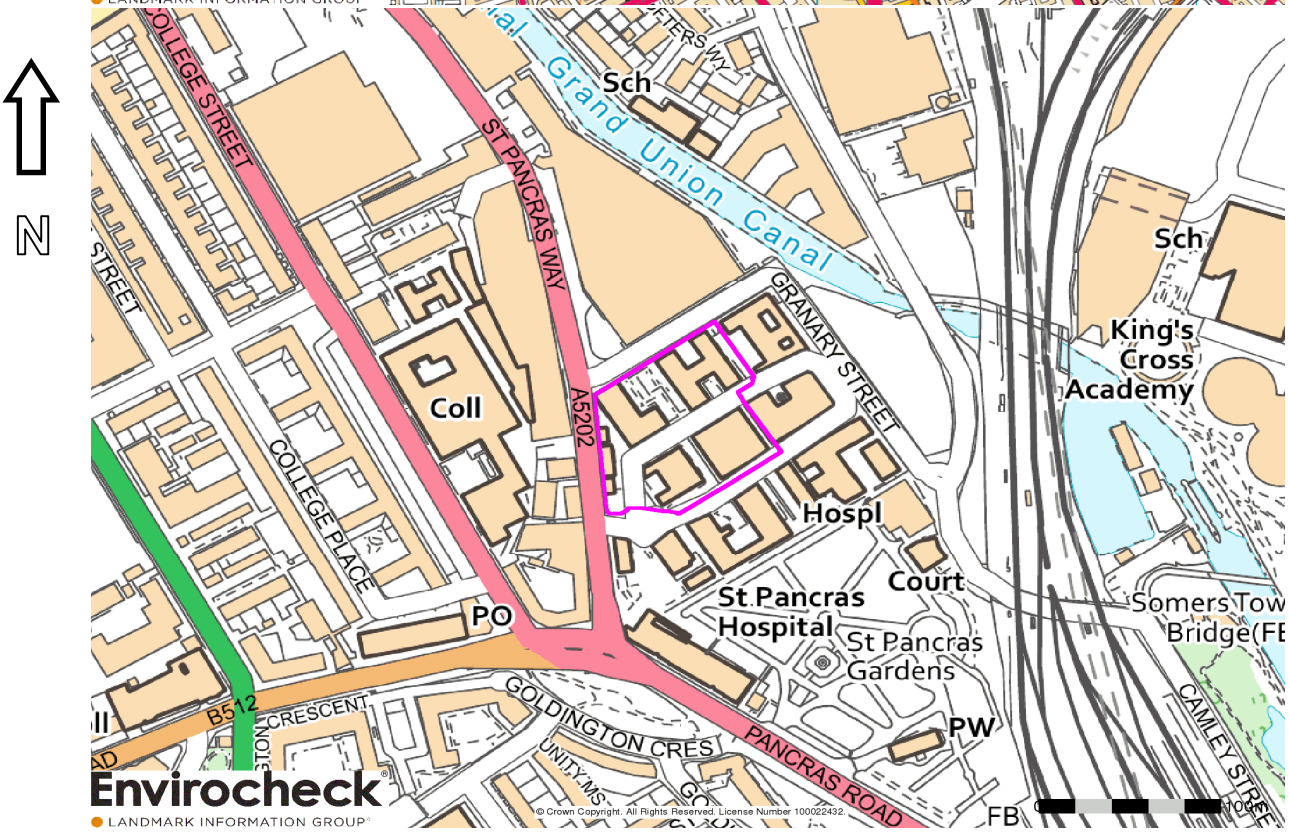
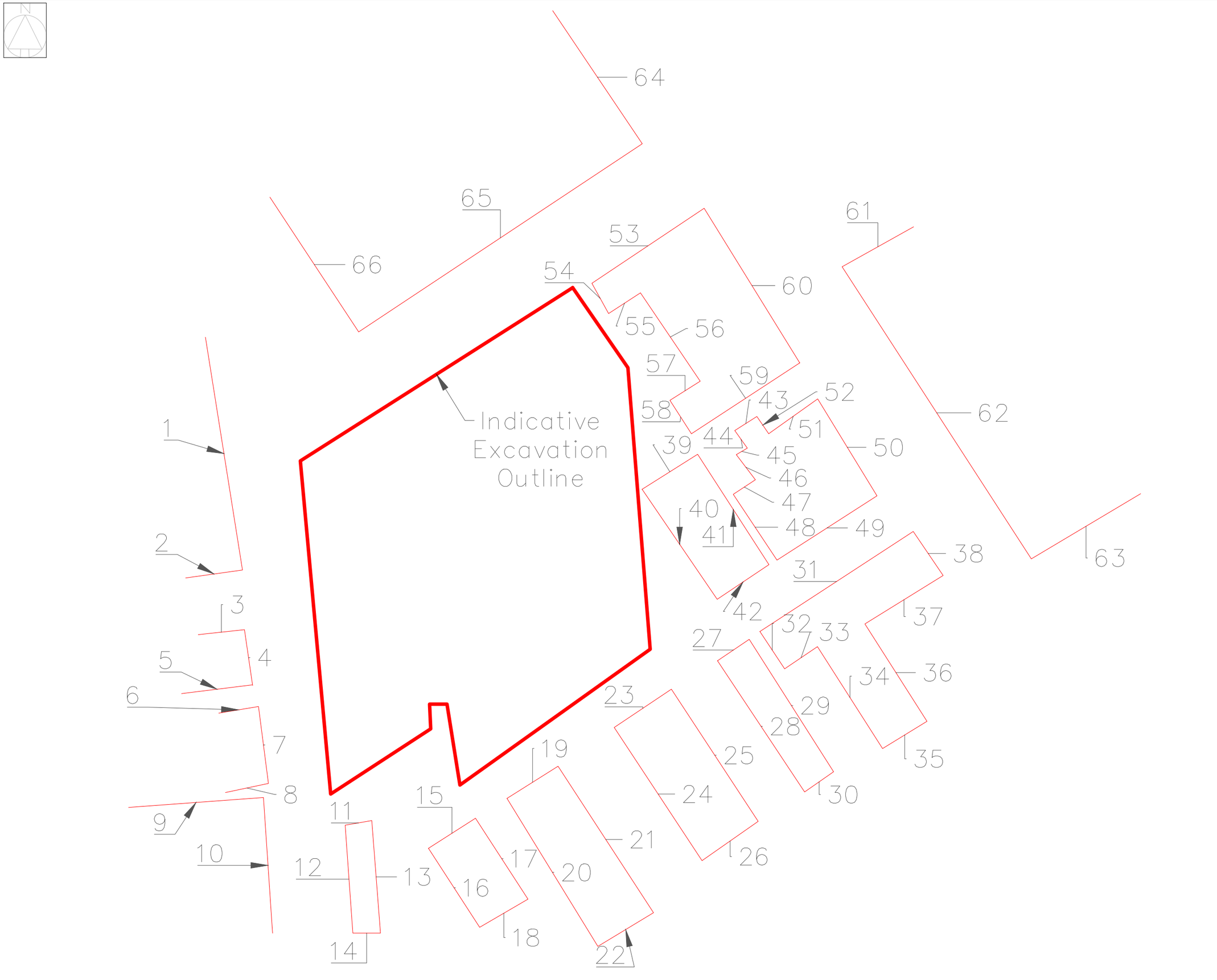




Scale: NTS	Site Centre:	529660, 183630	
Made By: MKG	May-19	Site Location Plan	
Chk:			
App:			
		Project	Figure No.
		Moorfields Eye Hospital	1



AECOM

PROJECT

Moorfields Eye Hospital

CLIENT

Moorfields Eye Hospital NHS Foundation Trust

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NOTES

- Do not scale from this drawing. Work to figured dimensions only.
- All dimensions are in metres.

LEGEND

ISSUE/REVISION

I/R	DATE	DESCRIPTION
3	08/03/2021	Final

PURPOSE OF ISSUE

For Information

PROJECT NUMBER

60588325

SHEET TITLE

Excavation Layout Plan

SHEET NUMBER

001

Last saved by: MATTLOAT(2021-03-08) Last Plotted: 2021-03-08
Filename: \\NA.AECOMNET.COM\LFS\EMEA\STALBANS-UKSTA1\LEGACY\VOL1\EPROJECTS\GEO\EGE\00_PROJECTS\01_JOBS_LIVE\60588325 MOORFIELDS\400_TECHNICAL\432_GROUND_ENG_WORKING\10 GROUND MOVEMENT ASSESSMENT\XDISP\XDISP WALLS WITH EXCAVATION OUTLINE.DWG
Project Management Initials: Designer: ML Checked: GGS Approved: GGS
ISO A3 297mm x 420mm
Printed on ___% Post-Consumer Recycled Content Paper

Appendix A – WALLAP Results

```
AECOM                                                    | Sheet No.
Program: WALLAP  Version 6.05  Revision A45.B58.R49      | Job No. 6058832
                             Licensed from GEOSOLVE      | Made by :    NF
Data filename/Run ID: Moorfields_SLS_BoredPiles_ST       |
Moorfields Eye hospital - Project Oriel                  | Date: 6-04-2021
Bored Pile Retaining wall (short term)                   | Checked :
-------------------------------------------------------------------------
                                                     Units: kN,m
```

INPUT DATA

SOIL PROFILE

Stratum no.	Elevation of top of stratum	Soil types: Active side	Soil types: Passive side
1	22.85	1 M.G (undrained)	1 M.G (undrained)
2	20.00	3 L.C (undrained)	3 L.C (undrained)

SOIL PROPERTIES

-- Soil type -- No.	Description (Datum elev.)	Bulk density kN/m3	Young's Modulus Eh,kN/m2 (dEh/dy)	At rest coeff. Ko (dKo/dy)	Consol state. NC/OC (Nu)	Active limit Ka (Kac)	Passive limit Kp (Kpc)	Cohesion kN/m2 (dc/dy)
1	M.G (undrained)	18.00	7000	0.630 (0.490)	NC	1.000 (2.389)	1.000 (2.390)	0.0u
2	M.G (drained)	18.00	5600	0.630 (0.200)	NC	0.455 (1.349)	2.875 (4.641)	0.0d
3	L.C (undr.. (20.00)	20.00	40500 (7180)	1.500 (0.490)	OC	1.000 (2.389)	1.000 (2.390)	41.00u (7.180)
4	L.C (drai.. (20.00)	20.00	28350 (5026)	1.500 (0.200)	OC	0.609 (1.019)	2.724 (4.490)	0.0d

Additional soil parameters associated with Ka and Kp

------- Soil type ------- No.	Description	--- parameters for Ka --- Soil friction angle	Wall adhesion coeff.	Back-fill angle	--- parameters for Kp --- Soil friction angle	Wall adhesion coeff.	Back-fill angle
1	M.G (undrained)	0.00	0.500	0.00	0.00	0.500	0.00
2	M.G (drained)	22.00	0.000	0.00	22.00	0.642	0.00
3	L.C (undrained)	0.00	0.500	0.00	0.00	0.500	0.00
4	L.C (drained)	21.00	-0.646	0.00	21.00	0.646	0.00

GROUND WATER CONDITIONS

Density of water = 10.00 kN/m3

	Active side	Passive side
Initial water table elevation	22.85	22.85

Automatic water pressure balancing at toe of wall : Yes

Water press. profile no.	Point no.	Active side Elev. m	Piezo elev. m	Water press. kN/m2	Passive side Point no.	Elev. m	Piezo elev. m	Water press. kN/m2	
1	1	22.85	22.85	0.0	1	22.85	22.85	0.0	
2	1	22.85	22.85	0.0	1	15.35	15.35	0.0	MC+WC

WALL PROPERTIES

```
                    Type of structure = Fully Embedded Wall
              Elevation of toe of wall =  5.00
         Maximum finite element length =  1.00 m
              Youngs modulus of wall E = 2.3100E+07 kN/m2
            Moment of inertia of wall I = 0.037900 m4/m run
                                  E.I = 875490 kN.m2/m run
                 Yield Moment of wall = Not defined
```

STRUTS and ANCHORS

Strut/ anchor no.	Elev.	Strut spacing m	X-section area of strut sq.m	Youngs modulus kN/m2	Free length m	Inclin -ation (degs)	Pre-stress /strut kN	Tension allowed
1	20.00	4.00	0.001523	2.100E+08	4.00	45.00	0	No

SURCHARGE LOADS

Surch -arge no.	Elev.	Distance from wall	Length parallel to wall	Width perpend. to wall	Surcharge ----- kN/m2 ----- Near edge	Far edge	Equiv. soil type	Partial factor/ Category
1	22.85	0.00(A)	75.00	10.00	10.00	=	N/A	1.00 Var

Note: A = Active side, P = Passive side
Limit State Categories P/U = Permanent Unfavourable
P/F = Permanent Favourable
Var = Variable (unfavourable)

CONSTRUCTION STAGES

Construction stage no.	Stage description
1	Apply surcharge no.1 at elevation 22.85 No analysis at this stage
2	Apply water pressure profile no.2 (Mod. Conserv.) No analysis at this stage
3	Excavate to elevation 19.00 on PASSIVE side
4	Install strut or anchor no.1 at elevation 20.00
5	Excavate to elevation 15.35 on PASSIVE side

FACTORS OF SAFETY and ANALYSIS OPTIONS

Limit State options: Serviceability Limit State
All loads and soil strengths are unfactored

Stability analysis:
Method of analysis - Strength Factor method
Factor on soil strength for calculating wall depth = 1.00

Parameters for undrained strata:
Minimum equivalent fluid density = 5.00 kN/m3
Maximum depth of water filled tension crack = 0.00 m

Bending moment and displacement calculation:
Method - Subgrade reaction model using Influence Coefficients
Open Tension Crack analysis? - No
Non-linear Modulus Parameter (L) = 17.00 m

Boundary conditions:
Length of wall (normal to plane of analysis) = 75.00 m

Width of excavation on active side of wall = 0.50 m
Width of excavation on passive side of wall = 25.00 m

Distance to rigid boundary on active side = 40.00 m
Distance to rigid boundary on passive side = 40.00 m

OUTPUT OPTIONS

Stage no.	Stage description	Output options: Displacement Bending mom. Shear force	Active, Passive pressures	Graph. output
1	Apply surcharge no.1 at elev. 22.85	No	No	No
2	Apply water pressure profile no.2	No	No	No
3	Excav. to elev. 19.00 on PASSIVE side	No	No	No
4	Install strut no.1 at elev. 20.00	No	No	No
5	Excav. to elev. 15.35 on PASSIVE side	No	No	No
*	Summary output	Yes	-	Yes

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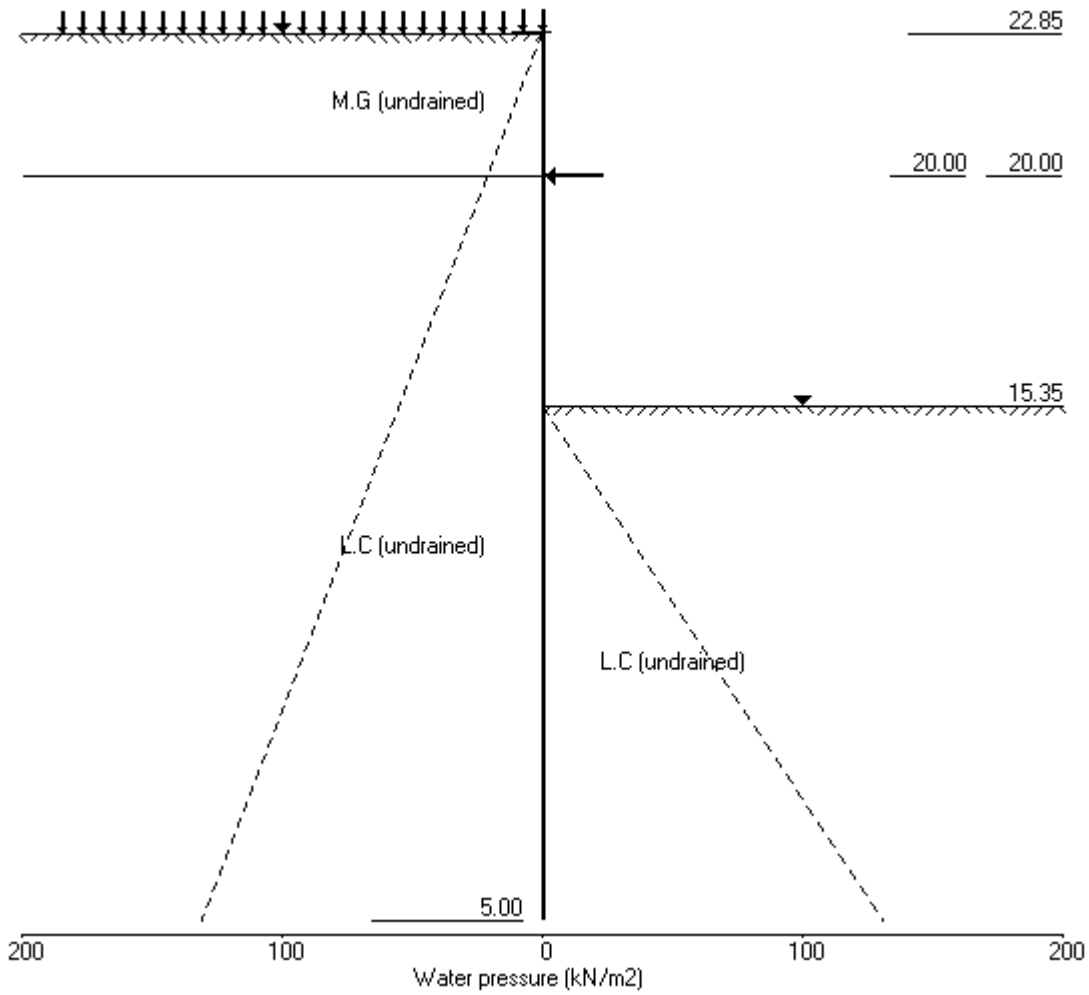
Units: kN,m

Stage No.5 Excav. to elev. 15.35 on PASSIVE side



Units: kN,m

Stage No. 3 Excavate to elevation 19.00 on PASSIVE side

STABILITY ANALYSIS of Fully Embedded Wall according to Strength Factor method

Factor of safety on soil strength

Stage No.	--- G.L. --- Act.	Pass.	Strut Elev.	FoS for toe elev. = 5.00 Factor of Safety	Moment equilib. at elev.	Toe elev. for FoS = 1.000 Toe elev.	Wall Penetr -ation
3	22.85	19.00	Cant.	3.520	6.64	15.04	3.96

BENDING MOMENT and DISPLACEMENT ANALYSIS of Fully Embedded Wall

Analysis options

Length of wall perpendicular to section = 75.00m
Subgrade reaction model - Boussinesq Influence coefficients
Soil deformations are elastic until the active or passive limit is reached
Open Tension Crack analysis - No

Rigid boundaries: Active side 40.00 from wall
Passive side 40.00 from wall

Limit State: Serviceability Limit State

Calculated Bending Moments and Strut Forces are to be multiplied by a factor of 1.35 to obtain values for structural design. See summary for factored values.

Node no.	Y coord	Nett pressure kN/m2	Wall disp. m	Wall rotation rad.	Shear force kN/m	Bending moment kN.m/m	Strut forces kN/m
1	22.85	10.00	0.013	2.00E-03	0.0	0.0	
2	21.93	26.65	0.011	2.00E-03	16.9	6.7	
3	21.00	43.27	0.010	1.98E-03	49.3	36.1	
4	20.00	61.21	0.008	1.89E-03	101.5	110.0	
		14.25	0.008	1.89E-03	101.5	110.0	
5	19.00	19.25	0.006	1.71E-03	118.3	218.7	
		-95.90	0.006	1.71E-03	118.3	218.7	
6	18.00	-73.10	0.004	1.40E-03	33.8	314.1	
7	17.00	-43.85	0.003	1.04E-03	-24.7	311.4	
8	16.18	-22.75	0.002	7.72E-04	-52.2	276.1	
9	15.35	-6.10	0.002	5.36E-04	-64.1	225.3	
10	14.68	3.52	0.001	3.79E-04	-64.9	180.6	
11	14.00	9.96	0.001	2.56E-04	-60.4	137.6	
12	13.00	14.49	0.001	1.31E-04	-48.2	82.0	
13	12.00	14.62	0.001	6.12E-05	-33.6	41.0	
14	11.00	12.19	0.001	2.95E-05	-20.2	14.5	
15	10.00	8.73	0.001	2.10E-05	-9.8	0.3	
16	9.00	5.28	0.001	2.39E-05	-2.8	-5.3	
17	8.00	2.41	0.001	3.01E-05	1.1	-5.5	
18	7.00	0.24	0.001	3.52E-05	2.4	-3.4	
19	6.00	-1.32	0.001	3.77E-05	1.9	-1.0	
20	5.00	-2.43	0.001	3.83E-05	0.0	0.0	

(continued)

Stage No.3 Excavate to elevation 19.00 on PASSIVE side

Node no.	Y coord	ACTIVE side: Water press. kN/m2	Effective stresses: Vertic -al kN/m2	Active limit kN/m2	Passive limit kN/m2	Earth pressure kN/m2	Total earth pressure kN/m2	Soil stiffness coeff. kN/m3
1	22.85	Total>	10.00	10.00	10.00	10.00	10.00	1968
2	21.93	Total>	26.65	26.65	26.65	26.65	26.65	1968
3	21.00	Total>	43.27	43.27	43.27	43.27	43.27	1968
4	20.00	Total>	61.21	61.21	61.21	61.21	61.21	1968
		Total>	61.21	14.25m	159.20	14.25	14.25a	11386
5	19.00	Total>	81.09	19.25m	196.24	19.25	19.25a	13405
6	18.00	Total>	100.92	24.25m	233.23	54.11	54.11	15423
7	17.00	Total>	120.70	29.25m	270.17	91.79	91.79	17442
8	16.18	Total>	136.99	33.37m	300.61	121.50	121.50	19107
9	15.35	Total>	153.25	37.50m	331.03	149.23	149.23	20772
10	14.68	Total>	166.54	40.88m	355.91	170.28	170.28	22135
11	14.00	Total>	179.83	44.25m	380.78	189.92	189.92	23498
12	13.00	Total>	199.51	49.25m	417.62	216.81	216.81	25516
13	12.00	Total>	219.19	54.25m	454.46	241.76	241.76	27535
14	11.00	Total>	238.87	59.25m	491.30	265.62	265.62	29553
15	10.00	Total>	258.55	64.25m	528.15	289.05	289.05	31572
16	9.00	Total>	278.25	69.25m	565.00	312.52	312.52	33590
17	8.00	Total>	297.96	74.25m	601.87	336.29	336.29	35609
18	7.00	Total>	317.69	79.25m	638.76	360.39	360.39	37628
19	6.00	Total>	337.42	84.25m	675.65	384.81	384.81	39646
20	5.00	Total>	357.17	89.25m	712.56	409.44	409.44	41665

Node no.	Y coord	PASSIVE side: Water press. kN/m2	Effective stresses: Vertic -al kN/m2	Active limit kN/m2	Passive limit kN/m2	Earth pressure kN/m2	Total earth pressure kN/m2	Soil stiffness coeff. kN/m3
1	22.85	0.00	0.00	0.00	0.00	0.00	0.00	0.0
2	21.93	0.00	0.00	0.00	0.00	0.00	0.00	0.0
3	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
4	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
5	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
		Total>	0.00	0.00	115.15	115.15	115.15p	17488
6	18.00	Total>	20.00	5.00m	152.31	127.21	127.21	20122
7	17.00	Total>	40.02	10.00m	189.49	135.64	135.64	22755
8	16.18	Total>	56.54	14.12m	220.17	144.26	144.26	24928
9	15.35	Total>	73.09	18.25m	250.88	155.33	155.33	27100
10	14.68	Total>	86.65	21.63m	276.02	166.76	166.76	28878
11	14.00	Total>	100.23	25.00m	301.18	179.96	179.96	30655
12	13.00	Total>	120.39	30.00m	338.50	202.32	202.32	33289
13	12.00	Total>	140.61	35.00m	375.88	227.15	227.15	35922
14	11.00	Total>	160.88	40.00m	413.31	253.43	253.43	38556
15	10.00	Total>	181.22	45.00m	450.81	280.32	280.32	41189
16	9.00	Total>	201.62	50.00m	488.37	307.24	307.24	43823
17	8.00	Total>	222.08	55.00m	525.99	333.88	333.88	46456
18	7.00	Total>	242.61	60.00m	563.68	360.16	360.16	49090
19	6.00	Total>	263.19	65.00m	601.42	386.12	386.12	51723
20	5.00	Total>	283.82	70.00m	639.21	411.88	411.88	54357

Note: 19.25a Soil pressure at active limit
115.15p Soil pressure at passive limit

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AECOM                                                        | Sheet No.
Program: WALLAP  Version 6.05  Revision A45.B58.R49          | Job No. 6058832
                              Licensed from GEOSOLVE         | Made by :    NF
Data filename/Run ID: Moorfields_SLS_BoredPiles_ST           |
Moorfields Eye hospital - Project Oriel                      | Date: 6-04-2021
Bored Pile Retaining wall (short term)                       | Checked :
-------------------------------------------------------------------------------
                                                       Units: kN,m
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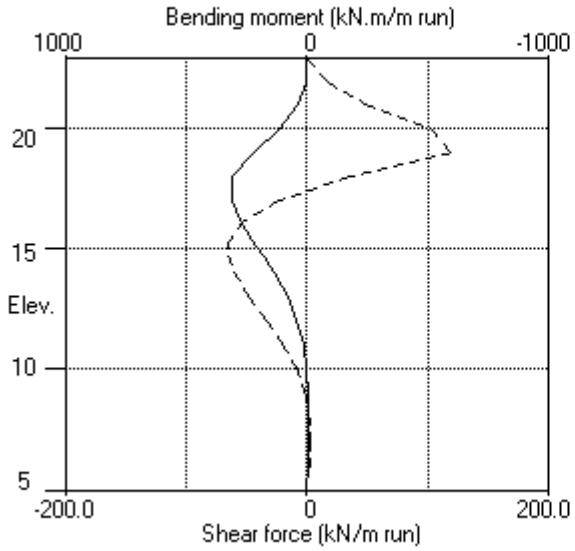
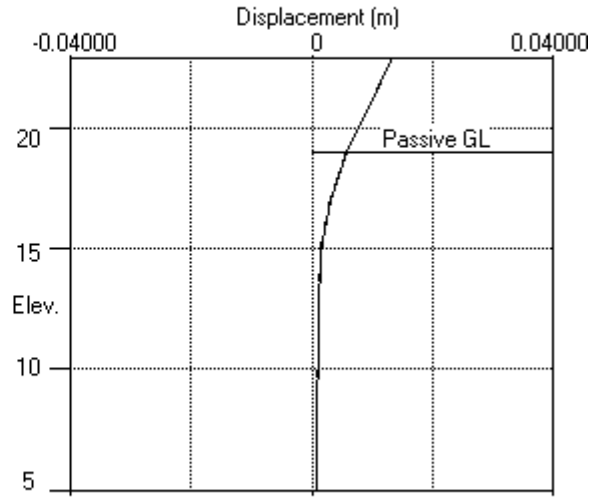
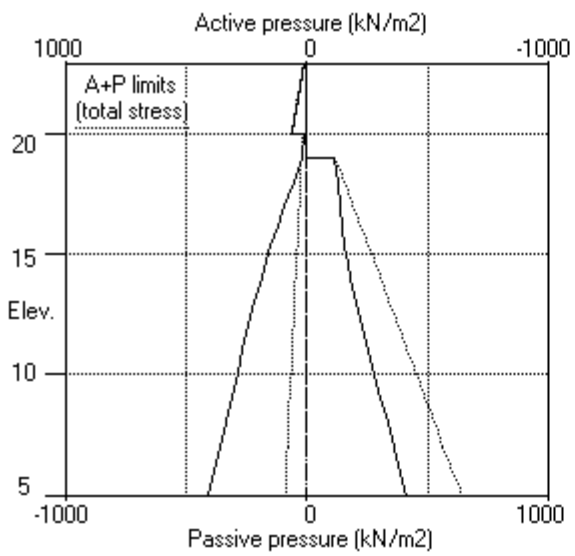
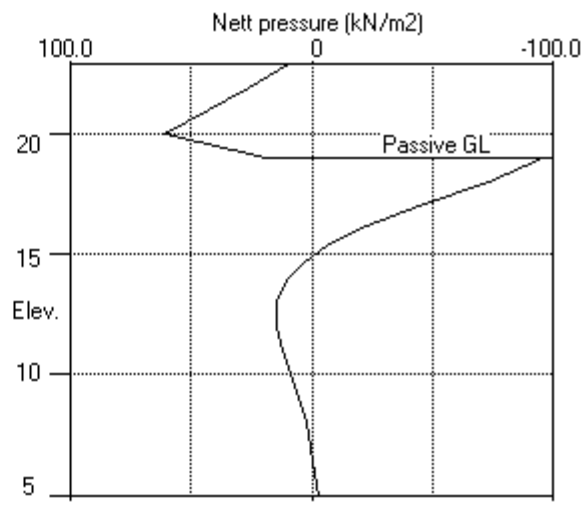
Stage No.3 Excav. to elev. 19.00 on PASSIVE side





Stage No.3 Excav. to elev. 19.00 on PASSIVE side





Units: kN,m

Stage No. 5 Excavate to elevation 15.35 on PASSIVE side

STABILITY ANALYSIS of Fully Embedded Wall according to Strength Factor method

Factor of safety on soil strength

Stage No.	--- G.L. --- Act.	Pass.	Strut Elev.	FoS for toe elev. = 5.00 Factor of Safety	Moment equilib. at elev.	Toe elev. for FoS = 1.000 Toe elev.	Wall Penetr -ation
5	22.85	15.35	20.00	3.582	n/a	15.07	0.28

BENDING MOMENT and DISPLACEMENT ANALYSIS of Fully Embedded Wall

Analysis options

Length of wall perpendicular to section = 75.00m
Subgrade reaction model - Boussinesq Influence coefficients
Soil deformations are elastic until the active or passive limit is reached
Open Tension Crack analysis - No

Rigid boundaries: Active side 40.00 from wall
Passive side 40.00 from wall

Limit State: Serviceability Limit State

Calculated Bending Moments and Strut Forces are to be multiplied by a factor of 1.35 to obtain values for structural design. See summary for factored values.

Node no.	Y coord	Nett pressure kN/m2	Wall disp. m	Wall rotation rad.	Shear force kN/m	Bending moment kN.m/m	Strut forces kN/m
1	22.85	10.00	0.027	3.04E-03	0.0	0.0	
2	21.93	26.65	0.025	3.04E-03	16.9	6.7	
3	21.00	43.27	0.022	3.01E-03	49.3	36.1	
4	20.00	61.21	0.019	2.93E-03	101.5	110.0	110.7
		14.25	0.019	2.93E-03	-9.2	110.0	
5	19.00	19.25	0.016	2.81E-03	7.5	108.0	
6	18.00	24.25	0.013	2.66E-03	29.3	147.3	
7	17.00	29.25	0.011	2.47E-03	56.0	184.7	
8	16.18	33.37	0.009	2.27E-03	81.9	238.9	
9	15.35	70.85	0.007	2.00E-03	124.9	329.1	
		-106.94	0.007	2.00E-03	124.9	329.1	
10	14.68	-100.29	0.006	1.73E-03	54.9	388.0	
11	14.00	-82.29	0.005	1.42E-03	-6.7	410.2	
12	13.00	-36.68	0.003	9.82E-04	-66.2	362.3	
13	12.00	-5.00	0.003	6.16E-04	-87.0	277.7	
14	11.00	13.30	0.002	3.50E-04	-82.9	188.1	
15	10.00	20.91	0.002	1.79E-04	-65.8	111.7	
16	9.00	21.21	0.002	8.33E-05	-44.7	56.3	
17	8.00	17.35	0.002	3.85E-05	-25.4	22.1	
18	7.00	11.65	0.002	2.30E-05	-10.9	5.1	
19	6.00	5.45	0.002	2.01E-05	-2.4	-0.1	
20	5.00	-0.72	0.002	2.02E-05	0.0	-0.0	

At elev. 20.00 Strut force = 442.9 kN/strut = 110.7 kN/m run (horiz.)
= 156.6 kN/m run (inclined)

(continued)

Stage No.5 Excavate to elevation 15.35 on PASSIVE side

Node no.	Y coord	ACTIVE side: Water press. kN/m2	Effective stresses: Vertic -al kN/m2	Active limit kN/m2	Passive limit kN/m2	Earth pressure kN/m2	Total earth pressure kN/m2	Soil stiffness coeff. kN/m3
1	22.85	Total>	10.00	10.00	10.00	10.00	10.00	1469
2	21.93	Total>	26.65	26.65	26.65	26.65	26.65	1469
3	21.00	Total>	43.27	43.27	43.27	43.27	43.27	1469
4	20.00	Total>	61.21	61.21	61.21	61.21	61.21	1469
		Total>	61.21	14.25m	159.20	14.25	14.25a	8502
5	19.00	Total>	81.09	19.25m	196.24	19.25	19.25a	10009
6	18.00	Total>	100.92	24.25m	233.23	24.25	24.25a	11517
7	17.00	Total>	120.70	29.25m	270.17	29.25	29.25a	13024
8	16.18	Total>	136.99	33.37m	300.61	33.37	33.37a	14267
9	15.35	Total>	153.25	37.50m	331.03	70.85	70.85	15511
10	14.68	Total>	166.54	40.88m	355.91	102.58	102.58	16528
11	14.00	Total>	179.83	44.25m	380.78	133.01	133.01	17546
12	13.00	Total>	199.51	49.25m	417.62	174.24	174.24	19053
13	12.00	Total>	219.19	54.25m	454.46	210.19	210.19	20560
14	11.00	Total>	238.87	59.25m	491.30	241.27	241.27	22068
15	10.00	Total>	258.55	64.25m	528.15	268.55	268.55	23575
16	9.00	Total>	278.25	69.25m	565.00	293.32	293.32	25082
17	8.00	Total>	297.96	74.25m	601.87	316.74	316.74	26589
18	7.00	Total>	317.69	79.25m	638.76	339.64	339.64	28097
19	6.00	Total>	337.42	84.25m	675.65	362.48	362.48	29604
20	5.00	Total>	357.17	89.25m	712.56	385.42	385.42	31111

Node no.	Y coord	PASSIVE side: Water press. kN/m2	Effective stresses: Vertic -al kN/m2	Active limit kN/m2	Passive limit kN/m2	Earth pressure kN/m2	Total earth pressure kN/m2	Soil stiffness coeff. kN/m3
1	22.85	0.00	0.00	0.00	0.00	0.00	0.00	0.0
2	21.93	0.00	0.00	0.00	0.00	0.00	0.00	0.0
3	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
4	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
5	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
6	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
7	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
8	16.18	0.00	0.00	0.00	0.00	0.00	0.00	0.0
9	15.35	0.00	0.00	0.00	0.00	0.00	0.00	0.0
		Total>	0.00	0.00	177.78	177.78	177.78p	28807
10	14.68	Total>	13.50	3.38m	202.87	202.87	202.87p	30697
11	14.00	Total>	27.01	6.75m	227.96	215.30	215.30	32586
12	13.00	Total>	47.05	11.75m	265.16	210.91	210.91	35386
13	12.00	Total>	67.14	16.75m	302.42	215.20	215.20	38185
14	11.00	Total>	87.31	21.75m	339.74	227.97	227.97	40984
15	10.00	Total>	107.57	26.75m	377.16	247.64	247.64	43784
16	9.00	Total>	127.93	31.75m	414.68	272.11	272.11	46583
17	8.00	Total>	148.41	36.75m	452.32	299.39	299.39	49382
18	7.00	Total>	169.01	41.75m	490.08	327.99	327.99	52182
19	6.00	Total>	189.74	46.75m	527.97	357.03	357.03	54981
20	5.00	Total>	210.59	51.75m	565.98	386.14	386.14	57780

Note: 33.37a Soil pressure at active limit
202.87p Soil pressure at passive limit

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AECOM                                                    | Sheet No.
Program: WALLAP  Version 6.05  Revision A45.B58.R49      | Job No. 6058832
                              Licensed from GEOSOLVE     | Made by :    NF
Data filename/Run ID: Moorfields_SLS_BoredPiles_ST       |
Moorfields Eye hospital - Project Oriel                  | Date: 6-04-2021
Bored Pile Retaining wall (short term)                   | Checked :
-------------------------------------------------------------------------
                                                   Units: kN,m
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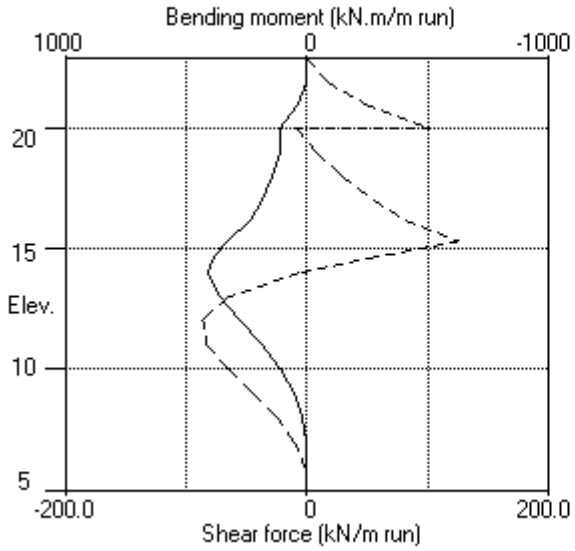
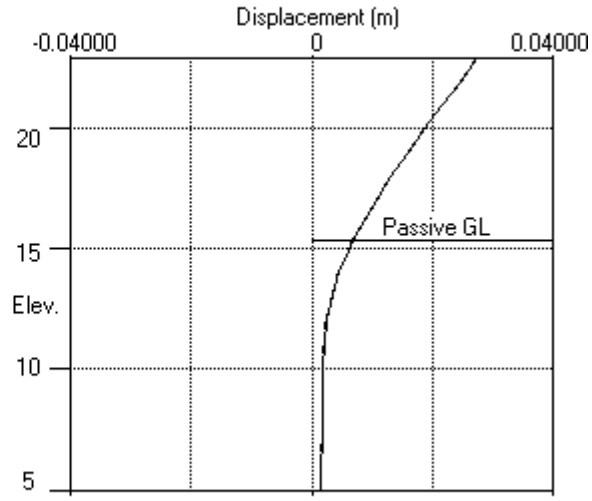
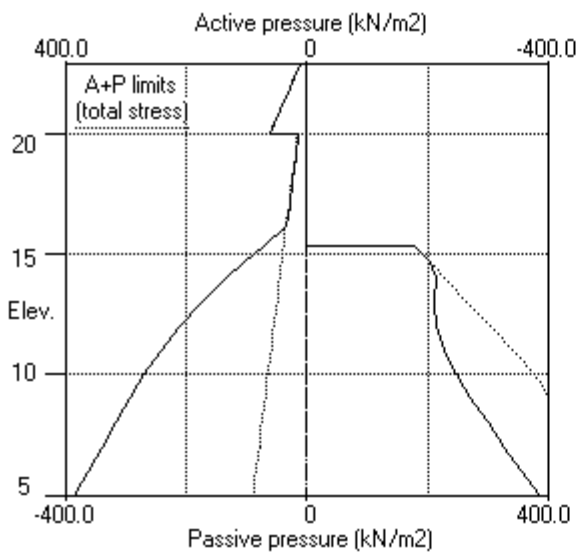
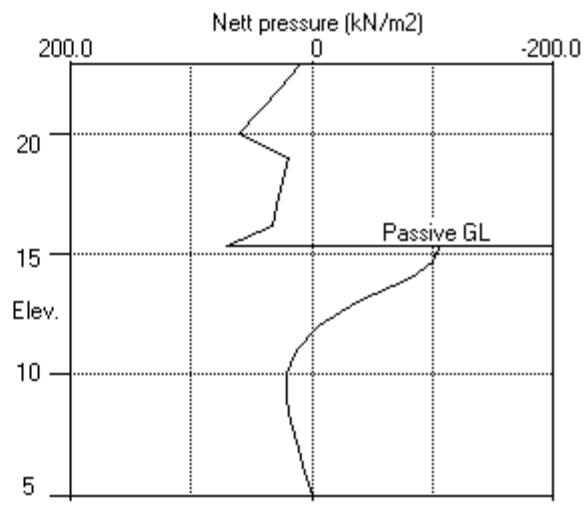
Stage No.5 Excav. to elev. 15.35 on PASSIVE side





Stage No.5 Excav. to elev. 15.35 on PASSIVE side





Units: kN,m

Summary of results

LIMIT STATE PARAMETERS
Limit State: Serviceability Limit State
All loads and soil strengths are unfactored

STABILITY ANALYSIS of Fully Embedded Wall according to Strength Factor method
Factor of safety on soil strength

Stage No.	--- G.L. --- Act.	Pass.	Strut Elev.	FoS for toe elev. = 5.00 Factor of Safety	Moment equilib. at elev.	Toe elev. for FoS = 1.000 Toe elev.	Wall Penetr -ation
1	22.85	22.85	Cant.	24.453	7.37	18.51	4.34
2	22.85	22.85		No analysis at this stage			
3	22.85	19.00	Cant.	3.520	6.64	15.04	3.96
4	22.85	19.00		No analysis at this stage			
5	22.85	15.35	20.00	3.582	n/a	15.07	0.28

AECOM | Sheet No.
Program: WALLAP Version 6.05 Revision A45.B58.R49 | Job No. 6058832
Licensed from GEOSOLVE | Made by : NF
Data filename/Run ID: Moorfields_SLS_BoredPiles_ST |
Moorfields Eye hospital - Project Oriel | Date: 6-04-2021
Bored Pile Retaining wall (short term) | Checked :

Units: kN,m

Summary of results

BENDING MOMENT and DISPLACEMENT ANALYSIS of Fully Embedded Wall

Analysis options

Length of wall perpendicular to section = 75.00m
Subgrade reaction model - Boussinesq Influence coefficients
Soil deformations are elastic until the active or passive limit is reached
Open Tension Crack analysis - No

Rigid boundaries: Active side 40.00 from wall
Passive side 40.00 from wall

Limit State: Serviceability Limit State

Calculated Bending Moments and Strut Forces have been multiplied by a factor of 1.35 to obtain values for structural design.

Bending moment, shear force and displacement envelopes

Node no.	Y coord	Displacement max. m	Displacement min. m	Bending moment Calculated max. kN.m/m	Bending moment Calculated min. kN.m/m	Bending moment Factored max. kN.m/m	Bending moment Factored min. kN.m/m	Shear force Calculated max. kN/m	Shear force Calculated min. kN/m	Shear force Factored max. kN/m	Shear force Factored min. kN/m
1	22.85	0.027	0.000	0	-0	0	-0	0	0	0	0
2	21.93	0.025	0.000	7	0	9	0	17	0	23	0
3	21.00	0.022	0.000	36	0	49	0	49	0	67	0
4	20.00	0.019	0.000	110	0	149	0	102	-9	137	-12
5	19.00	0.016	0.000	219	0	295	0	118	0	160	0
6	18.00	0.013	0.000	314	0	424	0	34	-2	46	-2
7	17.00	0.011	0.000	311	0	420	0	56	-25	76	-33
8	16.18	0.009	0.000	276	0	373	0	82	-52	111	-70
9	15.35	0.007	0.000	329	0	444	0	125	-64	169	-86
10	14.68	0.006	0.000	388	0	524	0	55	-65	74	-88
11	14.00	0.005	0.000	410	0	554	0	0	-60	0	-82
12	13.00	0.003	0.000	362	0	489	0	0	-66	0	-89
13	12.00	0.003	0.000	278	0	375	0	0	-87	0	-117
14	11.00	0.002	0.000	188	0	254	0	0	-83	0	-112
15	10.00	0.002	0.000	112	-1	151	-1	0	-66	0	-89
16	9.00	0.002	0.000	56	-5	76	-7	0	-45	0	-60
17	8.00	0.002	0.000	22	-6	30	-7	1	-25	1	-34
18	7.00	0.002	0.000	5	-3	7	-5	2	-11	3	-15
19	6.00	0.002	0.000	0	-1	0	-1	2	-2	3	-3
20	5.00	0.002	0.000	0	-0	0	-0	0	0	0	0

Maximum and minimum bending moment and shear force at each stage

Stage no.	Bending moment Calculated max. kN.m/m	elev.	Bending moment Calculated min. kN.m/m	elev.	Bending moment Factored max. kN.m/m	Bending moment Factored min. kN.m/m	Shear force Calculated max. kN/m	elev.	Shear force Calculated min. kN/m	elev.	Shear force Factored max. kN/m	Shear force Factored min. kN/m
1	63	18.00	-1	9.00	84	-2	28	20.00	-13	15.35	38	-17
2	No calculation at this stage											
3	314	18.00	-6	8.00	424	-7	118	19.00	-65	14.68	160	-88
4	No calculation at this stage											
5	410	14.00	-0	6.00	554	-0	125	15.35	-87	12.00	169	-117

Summary of results (continued)

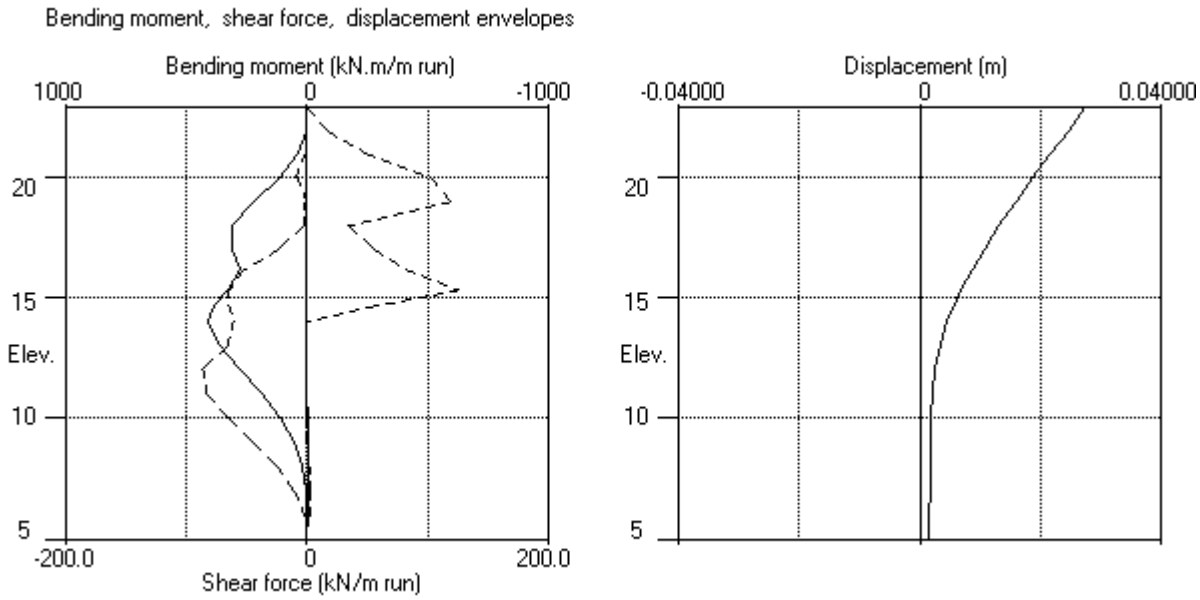
Maximum and minimum displacement at each stage

Stage no.	Displacement maximum m	elev.	minimum m	elev.	Stage description
1	0.002	22.85	0.000	22.85	Apply surcharge no.1 at elev. 22.85
2	No calculation at this stage				Apply water pressure profile no.2
3	0.013	22.85	0.000	22.85	Excav. to elev. 19.00 on PASSIVE side
4	No calculation at this stage				Install strut no.1 at elev. 20.00
5	0.027	22.85	0.000	22.85	Excav. to elev. 15.35 on PASSIVE side

Strut forces at each stage (horizontal components)

Stage no.	Strut no. 1 at elev. 20.00 --Calculated-- kN per m run	kN per strut	Factored kN per strut
5	111	443	598

```
AECOM                                                        | Sheet No.
Program: WALLAP  Version 6.05  Revision A45.B58.R49          | Job No. 6058832
                               Licensed from GEOSOLVE        | Made by :    NF
Data filename/Run ID: Moorfields_SLS_BoredPiles_ST           |
Moorfields Eye hospital - Project Oriel                      | Date: 6-04-2021
Bored Pile Retaining wall (short term)                       | Checked :
-------------------------------------------------------------------------------
                                                        Units: kN,m
```



Appendix B - PDISP Results

Titles

Job No.:
60588325
Job Title: Moorfields
Sub-title: GMA
Calculation Heading: PDisp - Undrained
Initials: IS/NF
Checker:
Date Saved:
Date Checked:
Notes: Geometry and load details in GMAcalcs_v0.xlsx
File Name: Moorfields_PDisp_v2.pdd
File Path: \\na.aecomnet.com\lfs\EMEA\StAlbans-UKSTA1\Legacy\VOL1IE\Projects\CGEO\EGE\00_Projects\01_Jobs_Live\60588325 Moorfields\400_Technical\432_Ground_Eng_Working\10 Ground Movement Assessment\04. PDISP

History

Date	Time	By	Notes
09-Mar-2021	00:50	irina.shmeleva	New
09-Mar-2021	17:15	irina.shmeleva	
10-Mar-2021	14:14	irina.shmeleva	
10-Apr-2021	00:33	irina.shmeleva	
15-Apr-2021	10:30	Marla.Gillow	Open

Analysis Options

General
Global Poisson's ratio: 0.50
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: -10.00 [m OD]
Displacements at load centroids: Yes
GSA piled raft data : No

Elastic
Elastic : Yes
Analysis: Boussinesq
Stiffness for horizontal displacement calculations: Weighted average
Using legacy heave correction factor: Yes

Consolidation
Consolidation : No

Soil ProfilesSoil Profile - Undrained

Layer ref.	Name	Level at top [mOD]	Number of intermediate displacement levels	Youngs Modulus : Top [kN/m²]	Youngs Modulus : Btm. [kN/m²]	Poissons ratio	Non-linear curve
1	Made Ground	22.850	20	7000.0	7000.0	0.20000	None
2	London Clay	20.000	120	16200.	102360.	0.50000	None

Non-linear Curve Coordinates - Non-linear Curve 1

Point	Strain [%]	Factor

Soil Zones

Zone	Name	X min [m]	X max [m]	Y min [m]	Y max [m]	Profile
1	Uniform soil zone (assumed)	529500.	529900.	183500.	183900.	Soil Profile - Undrained

Polygonal Load Data

Load ref.	Name	Position : Level [m]	Position : Polygon : Coords. [m]	Position : Polygon : Rect. tolerance [%]	No. of Rectangles	Value : Normal (local z) [kN/m²]
1	Excavation up to 3m	19.85000	(5.3e+05,1.84e+05)	2.5000	34	-60.000
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
2	Excavation up to 7.5m	15.35000	(5.3e+05,1.84e+05)	10.000	13	-150.00
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
3	Pile Loading (equivalent raft)	3.62000	(5.3e+05,1.84e+05)	10.000	20	132.00
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			
			(5.3e+05,1.84e+05)			

Polygonal Loads' Rectangles

No.	Centre : x [m]	Centre : y [m]	Angle of local x from global X [Degrees]	Width x [m]	Depth y [m]
Load 1 : Excavation up to 3m (Edge 9 optimal)					
1	529615.15552	183612.36927	5.3256	1.0421	71.157
2	529616.82573	183612.15717	5.3256	2.2253	72.263
3	529619.66926	183611.27710	5.3256	3.2804	71.251
4	529623.56611	183611.14195	5.3256	4.4530	67.621
5	529628.00143	183611.55820	5.3256	4.4530	62.293
6	529632.43707	183611.97456	5.3256	4.4530	56.965
7	529636.86730	183612.38905	5.3256	4.4530	51.637

8	529639.37708	183613.35721	5.3256	0.067060	47.634
9	529638.87562	183614.50136	5.3256	0.067060	44.957
10	529641.05958	183614.77786	5.3256	4.0726	42.401
11	529651.73511	183589.28338	5.3256	0.082049	4.5201
12	529644.59081	183608.90710	5.3256	1.8779	51.188
13	529646.64825	183607.00138	5.3256	1.8779	53.117
14	529649.78357	183605.53266	5.3256	4.0798	53.066
15	529652.91346	183605.13057	5.3256	2.0992	50.749
16	529655.01565	183605.37736	5.3256	2.0992	48.147
17	529657.10560	183605.61992	5.3256	2.0992	45.544
18	529659.19610	183605.86266	5.3256	2.0992	42.942
19	529661.28716	183606.10561	5.3256	2.0992	40.339
20	529663.34496	183606.33702	5.3256	2.0992	37.736
21	529665.41689	183606.57332	5.3256	2.0992	35.134
22	529667.54577	183606.82938	5.3256	2.0992	32.531
23	529669.59638	183607.05829	5.3256	2.0992	29.929
24	529671.71075	183607.30931	5.3256	2.0992	27.326
25	529673.75327	183607.53542	5.3256	2.0992	24.724
26	529675.87264	183607.78818	5.3256	2.0992	22.121
27	529677.96810	183608.03263	5.3256	2.0992	19.519
28	529680.10442	183608.29128	5.3256	2.0992	16.916
29	529682.07986	183608.49413	5.3256	2.0992	14.314
30	529684.22543	183608.75597	5.3256	2.0992	11.711
31	529686.33468	183609.00521	5.3256	2.0992	9.1088
32	529688.46271	183609.26097	5.3256	2.0992	6.5063
33	529690.48275	183609.47929	5.3256	2.0992	3.9038
34	529692.23977	183609.60644	5.3256	2.0992	1.3013

Load 2 : Excavation up to 7.5m

(Edge 2 optimal)

1	529690.55492	183612.91489	96.842	6.8494	5.4036
2	529684.37385	183619.07174	96.842	6.8494	16.211
3	529678.19278	183625.22859	96.842	6.8494	27.018
4	529672.01171	183631.38543	96.842	6.8494	37.825
5	529665.83064	183637.54228	96.842	6.8494	48.632
6	529656.55077	183646.93893	96.842	14.020	65.364
7	529650.54082	183654.13896	96.842	1.7101	76.184
8	529656.21649	183661.93337	96.842	12.416	63.593
9	529662.95630	183671.05111	96.842	4.0840	46.408
10	529665.45243	183675.46457	96.842	4.0840	36.201
11	529667.95101	183679.87888	96.842	4.0840	25.994
12	529670.41494	183684.28118	96.842	4.0840	15.788
13	529672.89061	183688.68755	96.842	4.0840	5.5808

Load 3 : Pile Loading (equivalent raft)

(Edge 13 optimal)

1	529607.27602	183643.16374	3.9793	0.33089	7.2955
2	529607.69978	183636.36425	3.9793	0.33089	21.886
3	529608.64430	183629.74533	3.9793	0.33089	36.477
4	529609.42403	183623.06932	3.9793	0.33089	51.068
5	529610.21100	183616.39571	3.9793	0.33089	65.659
6	529611.92919	183613.66046	3.9793	2.7572	76.812
7	529614.57149	183614.06220	3.9793	2.5652	82.713
8	529620.18716	183615.40928	3.9793	8.8333	87.258
9	529631.68841	183621.80790	3.9793	15.004	89.588
10	529641.83190	183625.73504	3.9793	5.7766	94.930
11	529648.94506	183626.21826	3.9793	8.4781	103.03
12	529664.07956	183635.53912	3.9793	23.016	104.37
13	529678.25120	183644.37911	3.9793	6.4852	100.14
14	529687.46964	183642.73972	3.9793	11.679	83.338
15	529694.23435	183635.64938	3.9793	0.82729	59.816
16	529695.20647	183629.00080	3.9793	0.40413	45.101
17	529695.93237	183624.85363	3.9793	0.40413	35.079
18	529696.81684	183620.76132	3.9793	0.40413	25.056
19	529697.06777	183616.44942	3.9793	0.40413	15.034
20	529697.54038	183612.21437	3.9793	0.40413	5.0113

Displacement Lines

Name	X1	Y1	Z1	X2	Y2	Z2	Intervals	Calculate	Detailed Results
	[m]	[m]	[m]	[m]	[m]	[m]	[No.]		
1	529588.83800	183678.40300	6.50000	529587.47400	183625.16400	6.50000	107	Yes	Yes
2	529584.21200	183623.31500	6.50000	529597.47400	183625.16400	6.50000	27	Yes	Yes
3	529587.15900	183610.11300	17.50000	529597.93400	183611.26600	17.50000	22	Yes	Yes
4	529597.93400	183611.26600	17.50000	529599.79100	183598.41800	17.50000	26	Yes	Yes
5	529583.27100	183596.37800	17.50000	529599.79100	183598.41800	17.50000	33	Yes	Yes
6	529591.94900	183591.82900	17.50000	529601.20600	183593.37000	17.50000	19	Yes	Yes
7	529601.20600	183593.37000	17.50000	529603.52000	183575.44900	17.50000	36	Yes	Yes
8	529593.49200	183573.33000	17.50000	529603.52000	183575.44900	17.50000	20	Yes	Yes
9	529570.93000	183569.86100	17.30000	529602.36300	183572.17300	17.30000	63	Yes	Yes
10	529602.36300	183572.17300	17.30000	529604.48400	183540.57100	17.30000	63	Yes	Yes
11	529621.40000	183565.72500	17.30000	529627.59900	183566.79700	17.30000	13	Yes	Yes
12	529621.40000	183565.72500	17.30000	529623.18800	183540.58700	17.30000	50	Yes	Yes
13	529627.59900	183566.79700	17.30000	529626.62600	183540.58700	17.30000	52	Yes	Yes
14	529623.18800	183540.58700	17.30000	529626.62600	183540.58700	17.30000	7	Yes	Yes
15	529640.80800	183560.34100	18.00000	529651.76600	183567.34300	18.00000	26	Yes	Yes
16	529640.80800	183560.34100	18.00000	529652.73500	183541.94100	18.00000	44	Yes	Yes
17	529651.76600	183567.34300	18.00000	529663.99200	183548.49200	18.00000	45	Yes	Yes
18	529652.73500	183541.94100	18.00000	529663.99200	183548.49200	18.00000	26	Yes	Yes
19	529659.10800	183571.96700	18.50000	529671.00300	183579.45600	18.50000	28	Yes	Yes
20	529659.10800	183571.96700	18.50000	529680.28200	183537.49500	18.50000	81	Yes	Yes
21	529671.00300	183579.45600	18.50000	529693.24800	183545.34100	18.50000	81	Yes	Yes
22	529680.28200	183537.49500	18.50000	529693.24800	183545.34100	18.50000	30	Yes	Yes
23	529684.08800	183588.49000	19.00000	529697.41100	183597.40500	19.00000	32	Yes	Yes
24	529684.08800	183588.49000	19.00000	529704.54800	183557.46500	19.00000	74	Yes	Yes
25	529697.41100	183597.40500	19.00000	529717.63300	183566.61800	19.00000	74	Yes	Yes
26	529704.54800	183557.46500	19.00000	529717.63300	183566.61800	19.00000	32	Yes	Yes
27	529708.15400	183604.02600	19.50000	529715.54900	183609.02100	19.50000	18	Yes	Yes
28	529708.15400	183604.02600	19.50000	529728.45500	183573.46600	19.50000	73	Yes	Yes
29	529715.54900	183609.02100	19.50000	529735.20600	183578.16900	19.50000	73	Yes	Yes
30	529728.45500	183573.46600	19.50000	529735.20600	183578.16900	19.50000	16	Yes	Yes
31	529718.03400	183610.84300	20.50000	529753.76200	183634.14400	20.50000	85	Yes	Yes

32	529718.03400	183610.84300	20.50000	529723.79700	183602.14600	20.50000	21	Yes
33	529723.79700	183602.14600	20.50000	529731.44200	183607.31700	20.50000	18	Yes
34	529731.44200	183607.31700	20.50000	529746.61500	183583.57600	20.50000	56	Yes
35	529746.61500	183583.57600	20.50000	529756.96500	183589.92200	20.50000	24	Yes
36	529756.96500	183589.92200	20.50000	529742.49800	183612.60600	20.50000	54	Yes
37	529742.49800	183612.60600	20.50000	529760.72900	183623.89000	20.50000	43	Yes
38	529760.72900	183623.89000	20.50000	529753.76200	183634.14400	20.50000	25	Yes
39	529690.59000	183643.97300	20.50000	529703.52800	183652.12600	20.50000	31	Yes
40	529690.59000	183643.97300	20.50000	529708.08100	183618.34200	20.50000	62	Yes
41	529703.52800	183652.12600	20.50000	529720.14100	183626.41600	20.50000	61	Yes
42	529708.08100	183618.34200	20.50000	529720.14100	183626.41600	20.50000	29	Yes
43	529712.17900	183657.65600	20.85000	529717.33100	183660.93200	20.85000	12	Yes
44	529712.17900	183657.65600	20.85000	529715.10600	183653.56000	20.85000	10	Yes
45	529712.53000	183652.03900	20.85000	529715.10600	183653.56000	20.85000	6	Yes
46	529712.53000	183652.03900	20.85000	529716.98000	183646.18900	20.85000	15	Yes
47	529711.82800	183642.79600	20.85000	529716.98000	183646.18900	20.85000	12	Yes
48	529711.82800	183642.79600	20.85000	529722.01400	183627.46900	20.85000	37	Yes
49	529722.01400	183627.46900	20.85000	529745.31500	183642.44500	20.85000	55	Yes
50	529745.31500	183642.44500	20.85000	529731.49900	183665.02700	20.85000	53	Yes
51	529720.08300	183656.91200	20.85000	529731.49900	183665.02700	20.85000	28	Yes
52	529717.33100	183660.93200	20.85000	529720.08300	183656.91200	20.85000	10	Yes
53	529678.88500	183691.95700	20.85000	529705.04300	183709.43200	20.85000	63	Yes
54	529678.88500	183691.95700	20.85000	529682.78200	183684.91100	20.85000	16	Yes
55	529682.78200	183684.91100	20.85000	529690.20400	183689.73200	20.85000	18	Yes
56	529690.20400	183689.73200	20.85000	529704.12200	183669.14900	20.85000	50	Yes
57	529697.07000	183664.69800	20.85000	529704.12200	183669.14900	20.85000	17	Yes
58	529697.07000	183664.69800	20.85000	529702.08100	183656.91000	20.85000	19	Yes
59	529702.08100	183656.91000	20.85000	529727.31800	183673.41400	20.85000	60	Yes
60	529705.04300	183709.43200	20.85000	529727.31800	183673.41400	20.85000	85	Yes
61	529737.18900	183695.80800	1.90000	529753.84500	183705.10900	1.90000	38	Yes
62	529737.18900	183695.80800	1.90000	529781.27800	183627.76300	1.90000	162	Yes
63	529781.27800	183627.76300	1.90000	529806.75200	183642.93800	1.90000	59	Yes
64	529669.74900	183755.46800	18.50000	529690.62600	183724.46200	18.50000	75	Yes
65	529690.62600	183724.46200	18.50000	529624.54700	183680.63200	18.50000	159	Yes
66	529603.86100	183712.02100	18.50000	529624.54700	183680.63200	18.50000	75	Yes

Displacement Grids

Name	Extrusion:	X1	Y1	Z1	X2	Y2	Z2	Intervals Extrusion:	Extrusion: Calculate Detailed Direction	Along	Distance	Intervals	Results	Line	Along
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]	[m]	[No.]					
Building 59 - 20.85 mOD	Global X	529500.00000	183500.00000	20.85000	-	183800.00000	20.85000	40	350.00000	40	Yes	Yes			

Warnings

(1)One or more displacement lines have numbers of intervals of at least 100. Large numbers of intervals will slow the analysis.

Results : Immediate : Load Centres : Polygonal

Ref.	Name	x	y	z	δz	Stress:	Stress:	Vert.	Vertical	Sum Princ.	Strain	Stress: Calc. Level
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[kN/m²]	[kN/m²]	[μ]	
1	Excavation up to 3m	529643.19043	183609.51228	19.85000	-5.55838	19.739	-60.007	-179.48	-15.937E-6			
2	Excavation up to 7.5m	529662.19266	183650.88542	15.35000	-16.80499	15.348	-150.08	-454.95	79.843E-6			
3	Pile Loading (equivalent raft)	529652.67221	183630.00139	3.62000	-4.85524	3.6200	26.736	164.79	-668.70E-6			

Results : Consolidation : Load Centres : Polygonal

None

Results : Total : Load Centres : Polygonal

None

Appendix C – XDISP Results

Oasys Ltd.

Moorfields
GMA
XDisp - Undrained - BORED PILE WALL ANALYSIS

File Moorfields_BORED_PW__XDisp_v2.xdd
Exported 04/10/21 01:38:12

XDisp 20.0.0.30 64-bit Copyright © Oasys 1997-2019

Titles

START_TABLE
Job No.: 60588325
Job Title: Moorfields
Sub-title: GMA
Calculatior XDisp - Undrained - BORED PILE WALL ANALYSIS
Initials: IS
Checker:
Date Savec 10-Apr-21
Date Checked:
Notes: Check combined segments for updated Damage Categories
File Name: Moorfields_BORED_PW__XDisp_v2.xdd
File Path: C:\Users\irina.shmeleva\Desktop\moorfields
END_TABLE

History

START_TABLE

Date	Time	By	Notes
########	10:38	irina.shme	New
########	11:06	irina.shmeleva	
########	11:33	irina.shmeleva	
########	11:43	irina.shmeleva	
########	16:50	irina.shmeleva	
########	00:37	irina.shmeleva	
########	11:18	irina.shmeleva	
########	11:28	irina.shmeleva	
########	16:51	irina.shmeleva	
10-Apr-21	00:48	irina.shmeleva	
10-Apr-21	01:36	irina.shme	Open

END_TABLE

Displacement Lines

START_TABLE

Ref.	Name	x1 [m]	y1 [m]	z1 [m]	x2 [m]	y2 [m]	z2 [m]	Intervals [No.]	Calculate	Surface type for tunnels
1	1	529588.8	183678.4	19.8	529587.5	183625.2	19.8	107	Surface	Yes
2	2	529584.2	183623.3	19.8	529597.5	183625.2	19.8	27	Surface	Yes
3	3	529587.2	183610.1	17.5	529597.9	183611.3	17.5	22	Surface	Yes
4	4	529597.9	183611.3	17.5	529599.8	183598.4	17.5	26	Surface	Yes
5	5	529583.3	183596.4	17.5	529599.8	183598.4	17.5	33	Surface	Yes
6	6	529591.9	183591.8	17.5	529601.2	183593.4	17.5	19	Surface	Yes
7	7	529601.2	183593.4	17.5	529603.5	183575.4	17.5	36	Surface	Yes
8	8	529593.5	183573.3	17.5	529603.5	183575.4	17.5	20	Surface	Yes
9	9	529570.9	183569.9	17.3	529602.4	183572.2	17.3	63	Surface	Yes
10	10	529602.4	183572.2	17.3	529604.5	183540.6	17.3	63	Surface	Yes
11	11	529621.4	183565.7	17.3	529627.6	183566.8	17.3	13	Surface	Yes
12	12	529621.4	183565.7	17.3	529623.2	183540.6	17.3	50	Surface	Yes
13	13	529627.6	183566.8	17.3	529626.6	183540.6	17.3	52	Surface	Yes
14	14	529623.2	183540.6	17.3	529626.6	183540.6	17.3	7	Surface	Yes
15	15	529640.8	183560.3	18	529651.8	183567.3	18	26	Surface	Yes
16	16	529640.8	183560.3	18	529652.7	183541.9	18	44	Surface	Yes
17	17	529651.8	183567.3	18	529664	183548.5	18	45	Surface	Yes
18	18	529652.7	183541.9	18	529664	183548.5	18	26	Surface	Yes
19	19	529659.1	183572	18.5	529671	183579.5	18.5	28	Surface	Yes
20	20	529659.1	183572	18.5	529680.3	183537.5	18.5	81	Surface	Yes
21	21	529671	183579.5	18.5	529693.2	183545.3	18.5	81	Surface	Yes
22	22	529680.3	183537.5	18.5	529693.2	183545.3	18.5	30	Surface	Yes
23	23	529684.1	183588.5	19	529697.4	183597.4	19	32	Surface	Yes
24	24	529684.1	183588.5	19	529704.5	183557.5	19	74	Surface	Yes
25	25	529697.4	183597.4	19	529717.6	183566.6	19	74	Surface	Yes
26	26	529704.5	183557.5	19	529717.6	183566.6	19	32	Surface	Yes
27	27	529708.2	183604	19.5	529715.5	183609	19.5	18	Surface	Yes
28	28	529708.2	183604	19.5	529728.5	183573.5	19.5	73	Surface	Yes
29	29	529715.5	183609	19.5	529735.2	183578.2	19.5	73	Surface	Yes
30	30	529728.5	183573.5	19.5	529735.2	183578.2	19.5	16	Surface	Yes
31	31	529718	183610.8	20.5	529753.8	183634.1	20.5	85	Surface	Yes
32	32	529718	183610.8	20.5	529723.8	183602.1	20.5	21	Surface	Yes
33	33	529723.8	183602.1	20.5	529731.4	183607.3	20.5	18	Surface	Yes
34	34	529731.4	183607.3	20.5	529746.6	183583.6	20.5	56	Surface	Yes
35	35	529746.6	183583.6	20.5	529757	183589.9	20.5	24	Surface	Yes
36	36	529757	183589.9	20.5	529742.5	183612.6	20.5	54	Surface	Yes
37	37	529742.5	183612.6	20.5	529760.7	183623.9	20.5	43	Surface	Yes
38	38	529760.7	183623.9	20.5	529753.8	183634.1	20.5	25	Surface	Yes
39	39	529690.6	183644	20.5	529703.5	183652.1	20.5	31	Surface	Yes
40	40	529690.6	183644	20.5	529708.1	183618.3	20.5	62	Surface	Yes
41	41	529703.5	183652.1	20.5	529720.1	183626.4	20.5	61	Surface	Yes
42	42	529708.1	183618.3	20.5	529720.1	183626.4	20.5	29	Surface	Yes
43	43	529712.2	183657.7	20.85	529717.3	183660.9	20.85	12	Surface	Yes
44	44	529712.2	183657.7	20.85	529715.1	183653.6	20.85	10	Surface	Yes
45	45	529712.5	183652	20.85	529715.1	183653.6	20.85	6	Surface	Yes
46	46	529712.5	183652	20.85	529717	183646.2	20.85	15	Surface	Yes
47	47	529711.8	183642.8	20.85	529717	183646.2	20.85	12	Surface	Yes
48	48	529711.8	183642.8	20.85	529722	183627.5	20.85	37	Surface	Yes
49	49	529722	183627.5	20.85	529745.3	183642.4	20.85	55	Surface	Yes
50	50	529745.3	183642.4	20.85	529731.5	183665	20.85	53	Surface	Yes
51	51	529720.1	183656.9	20.85	529731.5	183665	20.85	28	Surface	Yes
52	52	529717.3	183660.9	20.85	529720.1	183656.9	20.85	10	Surface	Yes
53	53	529678.9	183692	20.85	529705	183709.4	20.85	63	Surface	Yes
54	54	529678.9	183692	20.85	529682.8	183684.9	20.85	16	Surface	Yes
55	55	529682.8	183684.9	20.85	529690.2	183689.7	20.85	18	Surface	Yes
56	56	529690.2	183689.7	20.85	529704.1	183669.1	20.85	50	Surface	Yes
57	57	529697.1	183664.7	20.85	529704.1	183669.1	20.85	17	Surface	Yes
58	58	529697.1	183664.7	20.85	529702.1	183656.9	20.85	19	Surface	Yes
59	59	529702.1	183656.9	20.85	529727.3	183673.4	20.85	60	Surface	Yes
60	60	529705	183709.4	20.85	529727.3	183673.4	20.85	85	Surface	Yes
61	61	529737.2	183695.8	22.85	529753.8	183705.1	22.85	38	Surface	Yes
62	62	529737.2	183695.8	22.85	529781.3	183627.8	22.85	162	Surface	Yes
63	63	529781.3	183627.8	22.85	529806.8	183642.9	22.85	59	Surface	Yes
64	64	529669.7	183755.5	18.5	529690.6	183724.5	18.5	75	Surface	Yes
65	65	529690.6	183724.5	18.5	529624.5	183680.6	18.5	159	Surface	Yes
66	66	529603.9	183712	18.5	529624.5	183680.6	18.5	75	Surface	Yes

END_TABLE

Displacement Grids

START_TABLE

Ref.	Name	Extrusion:	Base line s [m]	Base line s [m]	Base line s [m]	Base line e [m]	Base line e [m]	Base line e [m]	Base line: I [No.]	Extrusion: [m]	Extrusion: [No.]	Surface typ	Calculate
1	For buildin	Global X	529500	183500	20.85	-	183800	20.85	100	350	100	Surface	Yes

END_TABLE

Imported Displacements

The following data points and displacements were found in the import file ImpXDisp_Moorfields.csv.

START_TABLE

Ref.	Coordinat x [m]	Coordinat y [m]	Coordinat z [m]	Displacem x [mm]	Displacem y [mm]	Displacements: z [mm]	
1	529590	183680	6.5	0	0	0.39518	6
2	529590	183680	6.5	0	0	0.39398	6
3	529590	183680	6.5	0	0	0.39262	6
4	529590	183680	6.5	0	0	0.39113	6
5	529590	183680	6.5	0	0	0.38948	6
6	529590	183680	6.5	0	0	0.38768	6
7	529590	183680	6.5	0	0	0.38572	6
8	529590	183670	6.5	0	0	0.38361	6
9	529590	183670	6.5	0	0	0.38134	6
10	529590	183670	6.5	0	0	0.3789	6
11	529590	183670	6.5	0	0	0.3763	6
12	529590	183670	6.5	0	0	0.37354	6
13	529590	183670	6.5	0	0	0.3706	6
14	529590	183670	6.5	0	0	0.3675	6
15	529590	183670	6.5	0	0	0.36422	6
16	529590	183670	6.5	0	0	0.36077	6
17	529590	183670	6.5	0	0	0.35714	6
18	529590	183670	6.5	0	0	0.35334	6
19	529590	183670	6.5	0	0	0.34937	6
20	529590	183670	6.5	0	0	0.34521	6
21	529590	183670	6.5	0	0	0.34088	6
22	529590	183670	6.5	0	0	0.33638	6
23	529590	183670	6.5	0	0	0.3317	6
24	529590	183670	6.5	0	0	0.32684	6
25	529590	183670	6.5	0	0	0.32181	6
26	529590	183670	6.5	0	0	0.31661	6
27	529590	183670	6.5	0	0	0.31124	6
28	529590	183660	6.5	0	0	0.3057	6
29	529590	183660	6.5	0	0	0.29999	6
30	529590	183660	6.5	0	0	0.29412	6
31	529590	183660	6.5	0	0	0.2881	6
32	529590	183660	6.5	0	0	0.28192	6
33	529590	183660	6.5	0	0	0.27558	6
34	529590	183660	6.5	0	0	0.2691	6
35	529590	183660	6.5	0	0	0.26248	6
36	529590	183660	6.5	0	0	0.25572	6
37	529590	183660	6.5	0	0	0.24884	6
38	529590	183660	6.5	0	0	0.24182	6
39	529590	183660	6.5	0	0	0.23469	6
40	529590	183660	6.5	0	0	0.22745	6
41	529590	183660	6.5	0	0	0.22011	6
42	529590	183660	6.5	0	0	0.21266	6
43	529590	183660	6.5	0	0	0.20513	6
44	529590	183660	6.5	0	0	0.19752	6
45	529590	183660	6.5	0	0	0.18983	6
46	529590	183660	6.5	0	0	0.18208	6
47	529590	183660	6.5	0	0	0.17428	6
48	529590	183660	6.5	0	0	0.16642	6
49	529590	183650	6.5	0	0	0.15853	6
50	529590	183650	6.5	0	0	0.15061	6
51	529590	183650	6.5	0	0	0.14268	6
52	529590	183650	6.5	0	0	0.13473	6
53	529590	183650	6.5	0	0	0.12677	6
54	529590	183650	6.5	0	0	0.11883	6
55	529590	183650	6.5	0	0	0.1109	6
56	529590	183650	6.5	0	0	0.103	6
57	529590	183650	6.5	0	0	0.09514	6
58	529590	183650	6.5	0	0	0.08731	6
59	529590	183650	6.5	0	0	0.07954	6
60	529590	183650	6.5	0	0	0.07183	6
61	529590	183650	6.5	0	0	0.06418	6
62	529590	183650	6.5	0	0	0.05662	6
63	529590	183650	6.5	0	0	0.04913	6
64	529590	183650	6.5	0	0	0.04173	6
65	529590	183650	6.5	0	0	0.03444	6
66	529590	183650	6.5	0	0	0.02724	6
67	529590	183650	6.5	0	0	0.02015	6
68	529590	183650	6.5	0	0	0.01318	6
69	529590	183640	6.5	0	0	0.00634	6
70	529590	183640	6.5	0	0	-3.90E-04	6
71	529590	183640	6.5	0	0	-0.00698	6
72	529590	183640	6.5	0	0	-0.01344	6
73	529590	183640	6.5	0	0	-0.01976	6
74	529590	183640	6.5	0	0	-0.02595	6
75	529590	183640	6.5	0	0	-0.03198	6
76	529590	183640	6.5	0	0	-0.03787	6
77	529590	183640	6.5	0	0	-0.04361	6
78	529590	183640	6.5	0	0	-0.04921	6
79	529590	183640	6.5	0	0	-0.05465	6
80	529590	183640	6.5	0	0	-0.05993	6
81	529590	183640	6.5	0	0	-0.06507	6
82	529590	183640	6.5	0	0	-0.07005	6
83	529590	183640	6.5	0	0	-0.07488	6
84	529590	183640	6.5	0	0	-0.07956	6
85	529590	183640	6.5	0	0	-0.08409	6
86	529590	183640	6.5	0	0	-0.08847	6
87	529590	183640	6.5	0	0	-0.0927	6
88	529590	183640	6.5	0	0	-0.09678	6
89	529590	183630	6.5	0	0	-0.10072	6
90	529590	183630	6.5	0	0	-0.10451	6
91	529590	183630	6.5	0	0	-0.10817	6
92	529590	183630	6.5	0	0	-0.11169	6
93	529590	183630	6.5	0	0	-0.11507	6
94	529590	183630	6.5	0	0	-0.11832	6
95	529590	183630	6.5	0	0	-0.12143	6
96	529590	183630	6.5	0	0	-0.12443	6
97	529590	183630	6.5	0	0	-0.1273	6
98	529590	183630	6.5	0	0	-0.13004	6
99	529590	183630	6.5	0	0	-0.13267	6
100	529590	183630	6.5	0	0	-0.13519	6
101	529590	183630	6.5	0	0	-0.13759	6

102	529590	183630	6.5	0	0	-0.13988	6
103	529590	183630	6.5	0	0	-0.14207	6
104	529590	183630	6.5	0	0	-0.14416	6
105	529590	183630	6.5	0	0	-0.14614	6
106	529590	183630	6.5	0	0	-0.14803	6
107	529590	183630	6.5	0	0	-0.14983	6
108	529590	183630	6.5	0	0	-0.15153	6
109	529580	183620	6.5	0	0	-0.01358	6
110	529580	183620	6.5	0	0	-0.0317	6
111	529590	183620	6.5	0	0	-0.05099	6
112	529590	183620	6.5	0	0	-0.07151	6
113	529590	183620	6.5	0	0	-0.09334	6
114	529590	183620	6.5	0	0	-0.11654	6
115	529590	183620	6.5	0	0	-0.14118	6
116	529590	183620	6.5	0	0	-0.16733	6
117	529590	183620	6.5	0	0	-0.19507	6
118	529590	183620	6.5	0	0	-0.22446	6
119	529590	183620	6.5	0	0	-0.25559	6
120	529590	183620	6.5	0	0	-0.28853	6
121	529590	183620	6.5	0	0	-0.32335	6
122	529590	183620	6.5	0	0	-0.36014	6
123	529590	183620	6.5	0	0	-0.39896	6
124	529590	183620	6.5	0	0	-0.43988	6
125	529590	183620	6.5	0	0	-0.48297	6
126	529590	183620	6.5	0	0	-0.52829	6
127	529590	183620	6.5	0	0	-0.57588	6
128	529590	183620	6.5	0	0	-0.62578	6
129	529590	183620	6.5	0	0	-0.67803	6
130	529590	183620	6.5	0	0	-0.73261	6
131	529600	183620	6.5	0	0	-0.78953	6
132	529600	183620	6.5	0	0	-0.84873	6
133	529600	183620	6.5	0	0	-0.91014	6
134	529600	183630	6.5	0	0	-0.97363	6
135	529600	183630	6.5	0	0	-1.0391	6
136	529600	183630	6.5	0	0	-1.1062	6
137	529590	183610	17.5	0	0	0.69595	1,2,6
138	529590	183610	17.5	0	0	0.69289	1,2,6
139	529590	183610	17.5	0	0	0.68907	1,2,6
140	529590	183610	17.5	0	0	0.68444	1,2,6
141	529590	183610	17.5	0	0	0.67896	1,2,6
142	529590	183610	17.5	0	0	0.67257	1,2,6
143	529590	183610	17.5	0	0	0.66523	1,2,6
144	529590	183610	17.5	0	0	0.65689	1,2,6
145	529590	183610	17.5	0	0	0.64749	1,2,6
146	529590	183610	17.5	0	0	0.63699	1,2,6
147	529590	183610	17.5	0	0	0.62533	1,2,6
148	529590	183610	17.5	0	0	0.61248	1,2,6
149	529590	183610	17.5	0	0	0.59839	1,2,6
150	529590	183610	17.5	0	0	0.58301	1,2,6
151	529590	183610	17.5	0	0	0.56632	1,2,6
152	529590	183610	17.5	0	0	0.5483	1,2,6
153	529590	183610	17.5	0	0	0.52891	1,2,6
154	529600	183610	17.5	0	0	0.50817	1,2,6
155	529600	183610	17.5	0	0	0.48607	1,2,6
156	529600	183610	17.5	0	0	0.46266	1,2,6
157	529600	183610	17.5	0	0	0.43797	1,2,6
158	529600	183610	17.5	0	0	0.4121	1,2,6
159	529600	183610	17.5	0	0	0.38515	1,2,6
160	529600	183610	17.5	0	0	0.38515	1,2,6
161	529600	183610	17.5	0	0	0.37712	1,2,6
162	529600	183610	17.5	0	0	0.36906	1,2,6
163	529600	183610	17.5	0	0	0.36096	1,2,6
164	529600	183610	17.5	0	0	0.35285	1,2,6
165	529600	183610	17.5	0	0	0.34472	1,2,6
166	529600	183610	17.5	0	0	0.33657	1,2,6
167	529600	183610	17.5	0	0	0.32842	1,2,6
168	529600	183610	17.5	0	0	0.32027	1,2,6
169	529600	183610	17.5	0	0	0.31211	1,2,6
170	529600	183610	17.5	0	0	0.30397	1,2,6
171	529600	183610	17.5	0	0	0.29584	1,2,6
172	529600	183610	17.5	0	0	0.28772	1,2,6
173	529600	183600	17.5	0	0	0.27963	1,2,6
174	529600	183600	17.5	0	0	0.27157	1,2,6
175	529600	183600	17.5	0	0	0.26354	1,2,6
176	529600	183600	17.5	0	0	0.25555	1,2,6
177	529600	183600	17.5	0	0	0.24761	1,2,6
178	529600	183600	17.5	0	0	0.23971	1,2,6
179	529600	183600	17.5	0	0	0.23186	1,2,6
180	529600	183600	17.5	0	0	0.22408	1,2,6
181	529600	183600	17.5	0	0	0.21636	1,2,6
182	529600	183600	17.5	0	0	0.20872	1,2,6
183	529600	183600	17.5	0	0	0.20116	1,2,6
184	529600	183600	17.5	0	0	0.19369	1,2,6
185	529600	183600	17.5	0	0	0.18633	1,2,6
186	529600	183600	17.5	0	0	0.17907	1,2,6
187	529580	183600	17.5	0	0	0.60451	1,2,6
188	529580	183600	17.5	0	0	0.60527	1,2,6
189	529580	183600	17.5	0	0	0.60561	1,2,6
190	529580	183600	17.5	0	0	0.60549	1,2,6
191	529590	183600	17.5	0	0	0.60489	1,2,6
192	529590	183600	17.5	0	0	0.60375	1,2,6
193	529590	183600	17.5	0	0	0.60206	1,2,6
194	529590	183600	17.5	0	0	0.59976	1,2,6
195	529590	183600	17.5	0	0	0.59681	1,2,6
196	529590	183600	17.5	0	0	0.59318	1,2,6
197	529590	183600	17.5	0	0	0.58882	1,2,6
198	529590	183600	17.5	0	0	0.58368	1,2,6
199	529590	183600	17.5	0	0	0.5777	1,2,6
200	529590	183600	17.5	0	0	0.57085	1,2,6
201	529590	183600	17.5	0	0	0.56307	1,2,6
202	529590	183600	17.5	0	0	0.5543	1,2,6
203	529590	183600	17.5	0	0	0.5445	1,2,6
204	529590	183600	17.5	0	0	0.5336	1,2,6
205	529590	183600	17.5	0	0	0.52156	1,2,6
206	529590	183600	17.5	0	0	0.50831	1,2,6
207	529590	183600	17.5	0	0	0.49381	1,2,6
208	529590	183600	17.5	0	0	0.47801	1,2,6
209	529590	183600	17.5	0	0	0.46086	1,2,6
210	529590	183600	17.5	0	0	0.44231	1,2,6
211	529600	183600	17.5	0	0	0.42234	1,2,6
212	529600	183600	17.5	0	0	0.40091	1,2,6
213	529600	183600	17.5	0	0	0.37802	1,2,6
214	529600	183600	17.5	0	0	0.35364	1,2,6
215	529600	183600	17.5	0	0	0.32781	1,2,6
216	529600	183600	17.5	0	0	0.30056	1,2,6
217	529600	183600	17.5	0	0	0.27195	1,2,6
218	529600	183600	17.5	0	0	0.24206	1,2,6
219	529600	183600	17.5	0	0	0.21104	1,2,6
220	529600	183600	17.5	0	0	0.17907	1,2,6
221	529590	183590	17.5	0	0	0.49396	1,2,6
222	529590	183590	17.5	0	0	0.48274	1,2,6
223	529590	183590	17.5	0	0	0.47042	1,2,6

224	529590	183590	17.5	0	0	0.45697	1,2,6
225	529590	183590	17.5	0	0	0.44232	1,2,6
226	529590	183590	17.5	0	0	0.42644	1,2,6
227	529590	183590	17.5	0	0	0.40928	1,2,6
228	529600	183590	17.5	0	0	0.39081	1,2,6
229	529600	183590	17.5	0	0	0.37099	1,2,6
230	529600	183590	17.5	0	0	0.3498	1,2,6
231	529600	183590	17.5	0	0	0.32723	1,2,6
232	529600	183590	17.5	0	0	0.30327	1,2,6
233	529600	183590	17.5	0	0	0.27794	1,2,6
234	529600	183590	17.5	0	0	0.25127	1,2,6
235	529600	183590	17.5	0	0	0.22333	1,2,6
236	529600	183590	17.5	0	0	0.19419	1,2,6
237	529600	183590	17.5	0	0	0.16397	1,2,6
238	529600	183590	17.5	0	0	0.13284	1,2,6
239	529600	183590	17.5	0	0	0.101	1,2,6
240	529600	183590	17.5	0	0	0.06872	1,2,6
241	529600	183590	17.5	0	0	0.06872	1,2,6
242	529600	183590	17.5	0	0	0.06419	1,2,6
243	529600	183590	17.5	0	0	0.05996	1,2,6
244	529600	183590	17.5	0	0	0.05605	1,2,6
245	529600	183590	17.5	0	0	0.05247	1,2,6
246	529600	183590	17.5	0	0	0.04923	1,2,6
247	529600	183590	17.5	0	0	0.04635	1,2,6
248	529600	183590	17.5	0	0	0.04383	1,2,6
249	529600	183590	17.5	0	0	0.04168	1,2,6
250	529600	183590	17.5	0	0	0.03991	1,2,6
251	529600	183590	17.5	0	0	0.03853	1,2,6
252	529600	183590	17.5	0	0	0.03755	1,2,6
253	529600	183590	17.5	0	0	0.03696	1,2,6
254	529600	183590	17.5	0	0	0.03678	1,2,6
255	529600	183590	17.5	0	0	0.037	1,2,6
256	529600	183590	17.5	0	0	0.03764	1,2,6
257	529600	183590	17.5	0	0	0.03868	1,2,6
258	529600	183580	17.5	0	0	0.04013	1,2,6
259	529600	183580	17.5	0	0	0.04198	1,2,6
260	529600	183580	17.5	0	0	0.04424	1,2,6
261	529600	183580	17.5	0	0	0.0469	1,2,6
262	529600	183580	17.5	0	0	0.04995	1,2,6
263	529600	183580	17.5	0	0	0.05338	1,2,6
264	529600	183580	17.5	0	0	0.05718	1,2,6
265	529600	183580	17.5	0	0	0.06134	1,2,6
266	529600	183580	17.5	0	0	0.06583	1,2,6
267	529600	183580	17.5	0	0	0.07065	1,2,6
268	529600	183580	17.5	0	0	0.07576	1,2,6
269	529600	183580	17.5	0	0	0.08115	1,2,6
270	529600	183580	17.5	0	0	0.08678	1,2,6
271	529600	183580	17.5	0	0	0.09265	1,2,6
272	529600	183580	17.5	0	0	0.09871	1,2,6
273	529600	183580	17.5	0	0	0.10496	1,2,6
274	529600	183580	17.5	0	0	0.11135	1,2,6
275	529600	183580	17.5	0	0	0.11789	1,2,6
276	529600	183580	17.5	0	0	0.12454	1,2,6
277	529600	183580	17.5	0	0	0.13129	1,2,6
278	529590	183570	17.5	0	0	0.41963	1,2,6
279	529590	183570	17.5	0	0	0.41297	1,2,6
280	529590	183570	17.5	0	0	0.40557	1,2,6
281	529590	183570	17.5	0	0	0.39741	1,2,6
282	529600	183570	17.5	0	0	0.38843	1,2,6
283	529600	183570	17.5	0	0	0.37861	1,2,6
284	529600	183570	17.5	0	0	0.36793	1,2,6
285	529600	183570	17.5	0	0	0.35635	1,2,6
286	529600	183570	17.5	0	0	0.34384	1,2,6
287	529600	183570	17.5	0	0	0.33041	1,2,6
288	529600	183570	17.5	0	0	0.31603	1,2,6
289	529600	183570	17.5	0	0	0.30072	1,2,6
290	529600	183570	17.5	0	0	0.28448	1,2,6
291	529600	183570	17.5	0	0	0.26735	1,2,6
292	529600	183570	17.5	0	0	0.2494	1,2,6
293	529600	183570	17.5	0	0	0.23069	1,2,6
294	529600	183580	17.5	0	0	0.21133	1,2,6
295	529600	183580	17.5	0	0	0.19149	1,2,6
296	529600	183580	17.5	0	0	0.17135	1,2,6
297	529600	183580	17.5	0	0	0.15118	1,2,6
298	529600	183580	17.5	0	0	0.13129	1,2,6
299	529570	183570	17.3	0	0	0.37773	1,2,6
300	529570	183570	17.3	0	0	0.38084	1,2,6
301	529570	183570	17.3	0	0	0.38393	1,2,6
302	529570	183570	17.3	0	0	0.38701	1,2,6
303	529570	183570	17.3	0	0	0.39008	1,2,6
304	529570	183570	17.3	0	0	0.39312	1,2,6
305	529570	183570	17.3	0	0	0.39613	1,2,6
306	529570	183570	17.3	0	0	0.39912	1,2,6
307	529570	183570	17.3	0	0	0.40207	1,2,6
308	529580	183570	17.3	0	0	0.40499	1,2,6
309	529580	183570	17.3	0	0	0.40786	1,2,6
310	529580	183570	17.3	0	0	0.41069	1,2,6
311	529580	183570	17.3	0	0	0.41346	1,2,6
312	529580	183570	17.3	0	0	0.41618	1,2,6
313	529580	183570	17.3	0	0	0.41883	1,2,6
314	529580	183570	17.3	0	0	0.42142	1,2,6
315	529580	183570	17.3	0	0	0.42393	1,2,6
316	529580	183570	17.3	0	0	0.42636	1,2,6
317	529580	183570	17.3	0	0	0.42869	1,2,6
318	529580	183570	17.3	0	0	0.43093	1,2,6
319	529580	183570	17.3	0	0	0.43306	1,2,6
320	529580	183570	17.3	0	0	0.43508	1,2,6
321	529580	183570	17.3	0	0	0.43697	1,2,6
322	529580	183570	17.3	0	0	0.43873	1,2,6
323	529580	183570	17.3	0	0	0.44035	1,2,6
324	529580	183570	17.3	0	0	0.44181	1,2,6
325	529580	183570	17.3	0	0	0.4431	1,2,6
326	529580	183570	17.3	0	0	0.44422	1,2,6
327	529580	183570	17.3	0	0	0.44514	1,2,6
328	529590	183570	17.3	0	0	0.44586	1,2,6
329	529590	183570	17.3	0	0	0.44636	1,2,6
330	529590	183570	17.3	0	0	0.44662	1,2,6
331	529590	183570	17.3	0	0	0.44664	1,2,6
332	529590	183570	17.3	0	0	0.44639	1,2,6
333	529590	183570	17.3	0	0	0.44585	1,2,6
334	529590	183570	17.3	0	0	0.44502	1,2,6
335	529590	183570	17.3	0	0	0.44386	1,2,6
336	529590	183570	17.3	0	0	0.44236	1,2,6
337	529590	183570	17.3	0	0	0.44051	1,2,6
338	529590	183570	17.3	0	0	0.43827	1,2,6
339	529590	183570	17.3	0	0	0.43563	1,2,6
340	529590	183570	17.3	0	0	0.43257	1,2,6
341	529590	183570	17.3	0	0	0.42905	1,2,6
342	529590	183570	17.3	0	0	0.42507	1,2,6
343	529590	183570	17.3	0	0	0.42059	1,2,6
344	529590	183570	17.3	0	0	0.41559	1,2,6
345	529590	183570	17.3	0	0	0.41004	1,2,6

346	529590	183570	17.3	0	0	0.40393	1,2,6
347	529590	183570	17.3	0	0	0.39722	1,2,6
348	529600	183570	17.3	0	0	0.3899	1,2,6
349	529600	183570	17.3	0	0	0.38195	1,2,6
350	529600	183570	17.3	0	0	0.37334	1,2,6
351	529600	183570	17.3	0	0	0.36405	1,2,6
352	529600	183570	17.3	0	0	0.35407	1,2,6
353	529600	183570	17.3	0	0	0.34339	1,2,6
354	529600	183570	17.3	0	0	0.33201	1,2,6
355	529600	183570	17.3	0	0	0.31991	1,2,6
356	529600	183570	17.3	0	0	0.30712	1,2,6
357	529600	183570	17.3	0	0	0.29363	1,2,6
358	529600	183570	17.3	0	0	0.27949	1,2,6
359	529600	183570	17.3	0	0	0.26471	1,2,6
360	529600	183570	17.3	0	0	0.24937	1,2,6
361	529600	183570	17.3	0	0	0.23353	1,2,6
362	529600	183570	17.3	0	0	0.21728	1,2,6
363	529600	183570	17.3	0	0	0.21728	1,2,6
364	529600	183570	17.3	0	0	0.22456	1,2,6
365	529600	183570	17.3	0	0	0.23184	1,2,6
366	529600	183570	17.3	0	0	0.2391	1,2,6
367	529600	183570	17.3	0	0	0.24634	1,2,6
368	529600	183570	17.3	0	0	0.25354	1,2,6
369	529600	183570	17.3	0	0	0.26068	1,2,6
370	529600	183570	17.3	0	0	0.26776	1,2,6
371	529600	183570	17.3	0	0	0.27474	1,2,6
372	529600	183570	17.3	0	0	0.28163	1,2,6
373	529600	183570	17.3	0	0	0.28839	1,2,6
374	529600	183570	17.3	0	0	0.29503	1,2,6
375	529600	183570	17.3	0	0	0.30151	1,2,6
376	529600	183570	17.3	0	0	0.30783	1,2,6
377	529600	183570	17.3	0	0	0.31398	1,2,6
378	529600	183560	17.3	0	0	0.31993	1,2,6
379	529600	183560	17.3	0	0	0.32568	1,2,6
380	529600	183560	17.3	0	0	0.33122	1,2,6
381	529600	183560	17.3	0	0	0.33653	1,2,6
382	529600	183560	17.3	0	0	0.34161	1,2,6
383	529600	183560	17.3	0	0	0.34645	1,2,6
384	529600	183560	17.3	0	0	0.35104	1,2,6
385	529600	183560	17.3	0	0	0.35538	1,2,6
386	529600	183560	17.3	0	0	0.35947	1,2,6
387	529600	183560	17.3	0	0	0.36331	1,2,6
388	529600	183560	17.3	0	0	0.36688	1,2,6
389	529600	183560	17.3	0	0	0.3702	1,2,6
390	529600	183560	17.3	0	0	0.37326	1,2,6
391	529600	183560	17.3	0	0	0.37607	1,2,6
392	529600	183560	17.3	0	0	0.37863	1,2,6
393	529600	183560	17.3	0	0	0.38094	1,2,6
394	529600	183560	17.3	0	0	0.383	1,2,6
395	529600	183560	17.3	0	0	0.38483	1,2,6
396	529600	183560	17.3	0	0	0.38642	1,2,6
397	529600	183560	17.3	0	0	0.38779	1,2,6
398	529600	183550	17.3	0	0	0.38893	1,2,6
399	529600	183550	17.3	0	0	0.38986	1,2,6
400	529600	183550	17.3	0	0	0.39058	1,2,6
401	529600	183550	17.3	0	0	0.3911	1,2,6
402	529600	183550	17.3	0	0	0.39142	1,2,6
403	529600	183550	17.3	0	0	0.39156	1,2,6
404	529600	183550	17.3	0	0	0.39152	1,2,6
405	529600	183550	17.3	0	0	0.3913	1,2,6
406	529600	183550	17.3	0	0	0.39093	1,2,6
407	529600	183550	17.3	0	0	0.39039	1,2,6
408	529600	183550	17.3	0	0	0.38971	1,2,6
409	529600	183550	17.3	0	0	0.38888	1,2,6
410	529600	183550	17.3	0	0	0.38792	1,2,6
411	529600	183550	17.3	0	0	0.38683	1,2,6
412	529600	183550	17.3	0	0	0.38561	1,2,6
413	529600	183550	17.3	0	0	0.38428	1,2,6
414	529600	183550	17.3	0	0	0.38285	1,2,6
415	529600	183550	17.3	0	0	0.3813	1,2,6
416	529600	183550	17.3	0	0	0.37967	1,2,6
417	529600	183550	17.3	0	0	0.37794	1,2,6
418	529600	183540	17.3	0	0	0.37613	1,2,6
419	529600	183540	17.3	0	0	0.37423	1,2,6
420	529600	183540	17.3	0	0	0.37226	1,2,6
421	529600	183540	17.3	0	0	0.37023	1,2,6
422	529600	183540	17.3	0	0	0.36813	1,2,6
423	529600	183540	17.3	0	0	0.36597	1,2,6
424	529600	183540	17.3	0	0	0.36375	1,2,6
425	529600	183540	17.3	0	0	0.36148	1,2,6
426	529600	183540	17.3	0	0	0.35917	1,2,6
427	529620	183570	17.3	0	0	0.045	1,2,6
428	529620	183570	17.3	0	0	0.03961	1,2,6
429	529620	183570	17.3	0	0	0.03349	1,2,6
430	529620	183570	17.3	0	0	0.02655	1,2,6
431	529620	183570	17.3	0	0	0.01871	1,2,6
432	529620	183570	17.3	0	0	0.0099	1,2,6
433	529620	183570	17.3	0	0	8.00E-05	1,2,6
434	529620	183570	17.3	0	0	-0.01079	1,2,6
435	529630	183570	17.3	0	0	-0.02271	1,2,6
436	529630	183570	17.3	0	0	-0.03565	1,2,6
437	529630	183570	17.3	0	0	-0.04957	1,2,6
438	529630	183570	17.3	0	0	-0.06435	1,2,6
439	529630	183570	17.3	0	0	-0.07986	1,2,6
440	529630	183570	17.3	0	0	-0.0959	1,2,6
441	529620	183570	17.3	0	0	0.045	1,2,6
442	529620	183570	17.3	0	0	0.04108	1,2,6
443	529620	183560	17.3	0	0	0.04386	1,2,6
444	529620	183560	17.3	0	0	0.05173	1,2,6
445	529620	183560	17.3	0	0	0.06344	1,2,6
446	529620	183560	17.3	0	0	0.07795	1,2,6
447	529620	183560	17.3	0	0	0.09445	1,2,6
448	529620	183560	17.3	0	0	0.11228	1,2,6
449	529620	183560	17.3	0	0	0.1309	1,2,6
450	529620	183560	17.3	0	0	0.14989	1,2,6
451	529620	183560	17.3	0	0	0.16893	1,2,6
452	529620	183560	17.3	0	0	0.18775	1,2,6
453	529620	183560	17.3	0	0	0.20614	1,2,6
454	529620	183560	17.3	0	0	0.22396	1,2,6
455	529620	183560	17.3	0	0	0.24109	1,2,6
456	529620	183560	17.3	0	0	0.25745	1,2,6
457	529620	183560	17.3	0	0	0.27298	1,2,6
458	529620	183560	17.3	0	0	0.28764	1,2,6
459	529620	183560	17.3	0	0	0.30141	1,2,6
460	529620	183560	17.3	0	0	0.3143	1,2,6
461	529620	183560	17.3	0	0	0.3263	1,2,6
462	529620	183560	17.3	0	0	0.33743	1,2,6
463	529620	183550	17.3	0	0	0.34771	1,2,6
464	529620	183550	17.3	0	0	0.35716	1,2,6
465	529620	183550	17.3	0	0	0.36582	1,2,6
466	529620	183550	17.3	0	0	0.37371	1,2,6
467	529620	183550	17.3	0	0	0.38086	1,2,6

468	529620	183550	17.3	0	0	0.38732	1,2,6
469	529620	183550	17.3	0	0	0.3931	1,2,6
470	529620	183550	17.3	0	0	0.39826	1,2,6
471	529620	183550	17.3	0	0	0.40281	1,2,6
472	529620	183550	17.3	0	0	0.4068	1,2,6
473	529620	183550	17.3	0	0	0.41025	1,2,6
474	529620	183550	17.3	0	0	0.41321	1,2,6
475	529620	183550	17.3	0	0	0.41569	1,2,6
476	529620	183550	17.3	0	0	0.41772	1,2,6
477	529620	183550	17.3	0	0	0.41934	1,2,6
478	529620	183550	17.3	0	0	0.42057	1,2,6
479	529620	183550	17.3	0	0	0.42144	1,2,6
480	529620	183550	17.3	0	0	0.42196	1,2,6
481	529620	183550	17.3	0	0	0.42217	1,2,6
482	529620	183550	17.3	0	0	0.42209	1,2,6
483	529620	183540	17.3	0	0	0.42172	1,2,6
484	529620	183540	17.3	0	0	0.42111	1,2,6
485	529620	183540	17.3	0	0	0.42025	1,2,6
486	529620	183540	17.3	0	0	0.41918	1,2,6
487	529620	183540	17.3	0	0	0.4179	1,2,6
488	529620	183540	17.3	0	0	0.41643	1,2,6
489	529620	183540	17.3	0	0	0.41479	1,2,6
490	529620	183540	17.3	0	0	0.41299	1,2,6
491	529620	183540	17.3	0	0	0.41104	1,2,6
492	529630	183570	17.3	0	0	-0.0959	1,2,6
493	529630	183570	17.3	0	0	-0.08638	1,2,6
494	529630	183570	17.3	0	0	-0.07198	1,2,6
495	529630	183570	17.3	0	0	-0.05389	1,2,6
496	529630	183560	17.3	0	0	-0.03309	1,2,6
497	529630	183560	17.3	0	0	-0.01038	1,2,6
498	529630	183560	17.3	0	0	0.01359	1,2,6
499	529630	183560	17.3	0	0	0.03829	1,2,6
500	529630	183560	17.3	0	0	0.06326	1,2,6
501	529630	183560	17.3	0	0	0.08818	1,2,6
502	529630	183560	17.3	0	0	0.11275	1,2,6
503	529630	183560	17.3	0	0	0.13676	1,2,6
504	529630	183560	17.3	0	0	0.16003	1,2,6
505	529630	183560	17.3	0	0	0.18243	1,2,6
506	529630	183560	17.3	0	0	0.20388	1,2,6
507	529630	183560	17.3	0	0	0.22429	1,2,6
508	529630	183560	17.3	0	0	0.24363	1,2,6
509	529630	183560	17.3	0	0	0.26188	1,2,6
510	529630	183560	17.3	0	0	0.27902	1,2,6
511	529630	183560	17.3	0	0	0.29506	1,2,6
512	529630	183560	17.3	0	0	0.31001	1,2,6
513	529630	183560	17.3	0	0	0.32389	1,2,6
514	529630	183560	17.3	0	0	0.33674	1,2,6
515	529630	183560	17.3	0	0	0.34859	1,2,6
516	529630	183550	17.3	0	0	0.35946	1,2,6
517	529630	183550	17.3	0	0	0.36942	1,2,6
518	529630	183550	17.3	0	0	0.37848	1,2,6
519	529630	183550	17.3	0	0	0.38669	1,2,6
520	529630	183550	17.3	0	0	0.39411	1,2,6
521	529630	183550	17.3	0	0	0.40075	1,2,6
522	529630	183550	17.3	0	0	0.40668	1,2,6
523	529630	183550	17.3	0	0	0.41192	1,2,6
524	529630	183550	17.3	0	0	0.41652	1,2,6
525	529630	183550	17.3	0	0	0.42051	1,2,6
526	529630	183550	17.3	0	0	0.42394	1,2,6
527	529630	183550	17.3	0	0	0.42683	1,2,6
528	529630	183550	17.3	0	0	0.42921	1,2,6
529	529630	183550	17.3	0	0	0.43113	1,2,6
530	529630	183550	17.3	0	0	0.43261	1,2,6
531	529630	183550	17.3	0	0	0.43368	1,2,6
532	529630	183550	17.3	0	0	0.43437	1,2,6
533	529630	183550	17.3	0	0	0.43471	1,2,6
534	529630	183550	17.3	0	0	0.43471	1,2,6
535	529630	183550	17.3	0	0	0.43441	1,2,6
536	529630	183540	17.3	0	0	0.43382	1,2,6
537	529630	183540	17.3	0	0	0.43296	1,2,6
538	529630	183540	17.3	0	0	0.43186	1,2,6
539	529630	183540	17.3	0	0	0.43054	1,2,6
540	529630	183540	17.3	0	0	0.42901	1,2,6
541	529630	183540	17.3	0	0	0.42728	1,2,6
542	529630	183540	17.3	0	0	0.42538	1,2,6
543	529630	183540	17.3	0	0	0.42331	1,2,6
544	529630	183540	17.3	0	0	0.42109	1,2,6
545	529620	183540	17.3	0	0	0.41104	1,2,6
546	529620	183540	17.3	0	0	0.41247	1,2,6
547	529620	183540	17.3	0	0	0.4139	1,2,6
548	529620	183540	17.3	0	0	0.41533	1,2,6
549	529630	183540	17.3	0	0	0.41676	1,2,6
550	529630	183540	17.3	0	0	0.4182	1,2,6
551	529630	183540	17.3	0	0	0.41965	1,2,6
552	529630	183540	17.3	0	0	0.42109	1,2,6
553	529640	183560	18	0	0	0.33298	1,2,6
554	529640	183560	18	0	0	0.32759	1,2,6
555	529640	183560	18	0	0	0.32203	1,2,6
556	529640	183560	18	0	0	0.31631	1,2,6
557	529640	183560	18	0	0	0.31044	1,2,6
558	529640	183560	18	0	0	0.30441	1,2,6
559	529640	183560	18	0	0	0.29825	1,2,6
560	529640	183560	18	0	0	0.29198	1,2,6
561	529640	183560	18	0	0	0.2856	1,2,6
562	529640	183560	18	0	0	0.27915	1,2,6
563	529650	183560	18	0	0	0.27266	1,2,6
564	529650	183560	18	0	0	0.26617	1,2,6
565	529650	183560	18	0	0	0.2597	1,2,6
566	529650	183560	18	0	0	0.25332	1,2,6
567	529650	183560	18	0	0	0.24706	1,2,6
568	529650	183560	18	0	0	0.241	1,2,6
569	529650	183560	18	0	0	0.23519	1,2,6
570	529650	183560	18	0	0	0.2297	1,2,6
571	529650	183570	18	0	0	0.22459	1,2,6
572	529650	183570	18	0	0	0.21994	1,2,6
573	529650	183570	18	0	0	0.21581	1,2,6
574	529650	183570	18	0	0	0.21226	1,2,6
575	529650	183570	18	0	0	0.20934	1,2,6
576	529650	183570	18	0	0	0.2071	1,2,6
577	529650	183570	18	0	0	0.20556	1,2,6
578	529650	183570	18	0	0	0.2047	1,2,6
579	529650	183570	18	0	0	0.20451	1,2,6
580	529640	183560	18	0	0	0.33298	1,2,6
581	529640	183560	18	0	0	0.3505	1,2,6
582	529640	183560	18	0	0	0.36701	1,2,6
583	529640	183560	18	0	0	0.38252	1,2,6
584	529640	183560	18	0	0	0.39707	1,2,6
585	529640	183560	18	0	0	0.41069	1,2,6
586	529640	183560	18	0	0	0.4234	1,2,6
587	529640	183560	18	0	0	0.43523	1,2,6
588	529640	183560	18	0	0	0.44621	1,2,6
589	529640	183560	18	0	0	0.45639	1,2,6

590	529640	183560	18	0	0	0.46578	1,2,6
591	529640	183560	18	0	0	0.47442	1,2,6
592	529640	183560	18	0	0	0.48234	1,2,6
593	529640	183550	18	0	0	0.48957	1,2,6
594	529640	183550	18	0	0	0.49614	1,2,6
595	529640	183550	18	0	0	0.50208	1,2,6
596	529650	183550	18	0	0	0.50742	1,2,6
597	529650	183550	18	0	0	0.51219	1,2,6
598	529650	183550	18	0	0	0.51641	1,2,6
599	529650	183550	18	0	0	0.52012	1,2,6
600	529650	183550	18	0	0	0.52333	1,2,6
601	529650	183550	18	0	0	0.52607	1,2,6
602	529650	183550	18	0	0	0.52837	1,2,6
603	529650	183550	18	0	0	0.53024	1,2,6
604	529650	183550	18	0	0	0.53172	1,2,6
605	529650	183550	18	0	0	0.53282	1,2,6
606	529650	183550	18	0	0	0.53357	1,2,6
607	529650	183550	18	0	0	0.53397	1,2,6
608	529650	183550	18	0	0	0.53406	1,2,6
609	529650	183550	18	0	0	0.53385	1,2,6
610	529650	183550	18	0	0	0.53336	1,2,6
611	529650	183550	18	0	0	0.5326	1,2,6
612	529650	183550	18	0	0	0.53159	1,2,6
613	529650	183550	18	0	0	0.53035	1,2,6
614	529650	183550	18	0	0	0.52888	1,2,6
615	529650	183550	18	0	0	0.52722	1,2,6
616	529650	183550	18	0	0	0.52535	1,2,6
617	529650	183540	18	0	0	0.52331	1,2,6
618	529650	183540	18	0	0	0.5211	1,2,6
619	529650	183540	18	0	0	0.51874	1,2,6
620	529650	183540	18	0	0	0.51623	1,2,6
621	529650	183540	18	0	0	0.51358	1,2,6
622	529650	183540	18	0	0	0.51081	1,2,6
623	529650	183540	18	0	0	0.50792	1,2,6
624	529650	183540	18	0	0	0.50493	1,2,6
625	529650	183570	18	0	0	0.20451	1,2,6
626	529650	183570	18	0	0	0.21916	1,2,6
627	529650	183570	18	0	0	0.23557	1,2,6
628	529650	183570	18	0	0	0.25325	1,2,6
629	529650	183570	18	0	0	0.27179	1,2,6
630	529650	183570	18	0	0	0.29086	1,2,6
631	529650	183560	18	0	0	0.31014	1,2,6
632	529650	183560	18	0	0	0.32941	1,2,6
633	529650	183560	18	0	0	0.34844	1,2,6
634	529650	183560	18	0	0	0.36706	1,2,6
635	529650	183560	18	0	0	0.38515	1,2,6
636	529650	183560	18	0	0	0.40259	1,2,6
637	529660	183560	18	0	0	0.4193	1,2,6
638	529660	183560	18	0	0	0.43521	1,2,6
639	529660	183560	18	0	0	0.45027	1,2,6
640	529660	183560	18	0	0	0.46447	1,2,6
641	529660	183560	18	0	0	0.47778	1,2,6
642	529660	183560	18	0	0	0.4902	1,2,6
643	529660	183560	18	0	0	0.50172	1,2,6
644	529660	183560	18	0	0	0.51237	1,2,6
645	529660	183560	18	0	0	0.52215	1,2,6
646	529660	183560	18	0	0	0.53109	1,2,6
647	529660	183560	18	0	0	0.53921	1,2,6
648	529660	183560	18	0	0	0.54654	1,2,6
649	529660	183560	18	0	0	0.5531	1,2,6
650	529660	183560	18	0	0	0.55893	1,2,6
651	529660	183560	18	0	0	0.56407	1,2,6
652	529660	183560	18	0	0	0.56854	1,2,6
653	529660	183560	18	0	0	0.57237	1,2,6
654	529660	183560	18	0	0	0.5756	1,2,6
655	529660	183550	18	0	0	0.57825	1,2,6
656	529660	183550	18	0	0	0.58037	1,2,6
657	529660	183550	18	0	0	0.58197	1,2,6
658	529660	183550	18	0	0	0.5831	1,2,6
659	529660	183550	18	0	0	0.58377	1,2,6
660	529660	183550	18	0	0	0.58402	1,2,6
661	529660	183550	18	0	0	0.58387	1,2,6
662	529660	183550	18	0	0	0.58335	1,2,6
663	529660	183550	18	0	0	0.58247	1,2,6
664	529660	183550	18	0	0	0.58127	1,2,6
665	529660	183550	18	0	0	0.57977	1,2,6
666	529660	183550	18	0	0	0.57798	1,2,6
667	529660	183550	18	0	0	0.57594	1,2,6
668	529660	183550	18	0	0	0.57364	1,2,6
669	529660	183550	18	0	0	0.57112	1,2,6
670	529660	183550	18	0	0	0.5684	1,2,6
671	529650	183540	18	0	0	0.50493	1,2,6
672	529650	183540	18	0	0	0.50753	1,2,6
673	529650	183540	18	0	0	0.51013	1,2,6
674	529650	183540	18	0	0	0.51271	1,2,6
675	529650	183540	18	0	0	0.51529	1,2,6
676	529650	183540	18	0	0	0.51784	1,2,6
677	529660	183540	18	0	0	0.52039	1,2,6
678	529660	183540	18	0	0	0.52292	1,2,6
679	529660	183540	18	0	0	0.52544	1,2,6
680	529660	183540	18	0	0	0.52794	1,2,6
681	529660	183540	18	0	0	0.53044	1,2,6
682	529660	183540	18	0	0	0.53291	1,2,6
683	529660	183540	18	0	0	0.53538	1,2,6
684	529660	183550	18	0	0	0.53783	1,2,6
685	529660	183550	18	0	0	0.54026	1,2,6
686	529660	183550	18	0	0	0.54268	1,2,6
687	529660	183550	18	0	0	0.54509	1,2,6
688	529660	183550	18	0	0	0.54748	1,2,6
689	529660	183550	18	0	0	0.54986	1,2,6
690	529660	183550	18	0	0	0.55223	1,2,6
691	529660	183550	18	0	0	0.55458	1,2,6
692	529660	183550	18	0	0	0.55692	1,2,6
693	529660	183550	18	0	0	0.55924	1,2,6
694	529660	183550	18	0	0	0.56155	1,2,6
695	529660	183550	18	0	0	0.56384	1,2,6
696	529660	183550	18	0	0	0.56613	1,2,6
697	529660	183550	18	0	0	0.5684	1,2,6
698	529660	183570	18.5	0	0	0.14719	1,2,6
699	529660	183570	18.5	0	0	0.12006	1,2,6
700	529660	183570	18.5	0	0	0.0916	1,2,6
701	529660	183570	18.5	0	0	0.06279	1,2,6
702	529660	183570	18.5	0	0	0.03459	1,2,6
703	529660	183570	18.5	0	0	0.00789	1,2,6
704	529660	183570	18.5	0	0	-0.01654	1,2,6
705	529660	183570	18.5	0	0	-0.03808	1,2,6
706	529660	183570	18.5	0	0	-0.05621	1,2,6
707	529660	183570	18.5	0	0	-0.07059	1,2,6
708	529660	183570	18.5	0	0	-0.08092	1,2,6
709	529660	183570	18.5	0	0	-0.08704	1,2,6
710	529660	183580	18.5	0	0	-0.08881	1,2,6
711	529660	183580	18.5	0	0	-0.08617	1,2,6

712	529670	183580	18.5	0	0	-0.07905	1,2,6
713	529670	183580	18.5	0	0	-0.06743	1,2,6
714	529670	183580	18.5	0	0	-0.05128	1,2,6
715	529670	183580	18.5	0	0	-0.03057	1,2,6
716	529670	183580	18.5	0	0	-0.00526	1,2,6
717	529670	183580	18.5	0	0	0.0247	1,2,6
718	529670	183580	18.5	0	0	0.05939	1,2,6
719	529670	183580	18.5	0	0	0.09889	1,2,6
720	529670	183580	18.5	0	0	0.14332	1,2,6
721	529670	183580	18.5	0	0	0.19282	1,2,6
722	529670	183580	18.5	0	0	0.24755	1,2,6
723	529670	183580	18.5	0	0	0.3077	1,2,6
724	529670	183580	18.5	0	0	0.37346	1,2,6
725	529670	183580	18.5	0	0	0.44508	1,2,6
726	529670	183580	18.5	0	0	0.52279	1,2,6
727	529660	183570	18.5	0	0	0.14719	1,2,6
728	529660	183570	18.5	0	0	0.14776	1,2,6
729	529660	183570	18.5	0	0	0.15622	1,2,6
730	529660	183570	18.5	0	0	0.17045	1,2,6
731	529660	183570	18.5	0	0	0.18883	1,2,6
732	529660	183570	18.5	0	0	0.21011	1,2,6
733	529660	183570	18.5	0	0	0.2333	1,2,6
734	529660	183570	18.5	0	0	0.25765	1,2,6
735	529660	183570	18.5	0	0	0.28256	1,2,6
736	529660	183570	18.5	0	0	0.30755	1,2,6
737	529660	183570	18.5	0	0	0.33226	1,2,6
738	529660	183570	18.5	0	0	0.35641	1,2,6
739	529660	183570	18.5	0	0	0.3798	1,2,6
740	529660	183570	18.5	0	0	0.40225	1,2,6
741	529660	183570	18.5	0	0	0.42366	1,2,6
742	529660	183570	18.5	0	0	0.44395	1,2,6
743	529660	183570	18.5	0	0	0.46307	1,2,6
744	529660	183560	18.5	0	0	0.48099	1,2,6
745	529660	183560	18.5	0	0	0.4977	1,2,6
746	529660	183560	18.5	0	0	0.5132	1,2,6
747	529660	183560	18.5	0	0	0.52752	1,2,6
748	529660	183560	18.5	0	0	0.54067	1,2,6
749	529660	183560	18.5	0	0	0.5527	1,2,6
750	529670	183560	18.5	0	0	0.56364	1,2,6
751	529670	183560	18.5	0	0	0.57352	1,2,6
752	529670	183560	18.5	0	0	0.5824	1,2,6
753	529670	183560	18.5	0	0	0.59031	1,2,6
754	529670	183560	18.5	0	0	0.59731	1,2,6
755	529670	183560	18.5	0	0	0.60344	1,2,6
756	529670	183560	18.5	0	0	0.60874	1,2,6
757	529670	183560	18.5	0	0	0.61326	1,2,6
758	529670	183560	18.5	0	0	0.61705	1,2,6
759	529670	183560	18.5	0	0	0.62014	1,2,6
760	529670	183560	18.5	0	0	0.62258	1,2,6
761	529670	183560	18.5	0	0	0.62441	1,2,6
762	529670	183560	18.5	0	0	0.62567	1,2,6
763	529670	183560	18.5	0	0	0.62638	1,2,6
764	529670	183560	18.5	0	0	0.6266	1,2,6
765	529670	183560	18.5	0	0	0.62635	1,2,6
766	529670	183560	18.5	0	0	0.62566	1,2,6
767	529670	183550	18.5	0	0	0.62457	1,2,6
768	529670	183550	18.5	0	0	0.62309	1,2,6
769	529670	183550	18.5	0	0	0.62127	1,2,6
770	529670	183550	18.5	0	0	0.61913	1,2,6
771	529670	183550	18.5	0	0	0.61668	1,2,6
772	529670	183550	18.5	0	0	0.61396	1,2,6
773	529670	183550	18.5	0	0	0.61099	1,2,6
774	529670	183550	18.5	0	0	0.60778	1,2,6
775	529670	183550	18.5	0	0	0.60435	1,2,6
776	529670	183550	18.5	0	0	0.60073	1,2,6
777	529670	183550	18.5	0	0	0.59693	1,2,6
778	529670	183550	18.5	0	0	0.59296	1,2,6
779	529670	183550	18.5	0	0	0.58885	1,2,6
780	529670	183550	18.5	0	0	0.5846	1,2,6
781	529670	183550	18.5	0	0	0.58023	1,2,6
782	529670	183550	18.5	0	0	0.57575	1,2,6
783	529670	183550	18.5	0	0	0.57117	1,2,6
784	529670	183550	18.5	0	0	0.5665	1,2,6
785	529670	183550	18.5	0	0	0.56176	1,2,6
786	529670	183550	18.5	0	0	0.55695	1,2,6
787	529670	183550	18.5	0	0	0.55208	1,2,6
788	529680	183550	18.5	0	0	0.54716	1,2,6
789	529680	183550	18.5	0	0	0.5422	1,2,6
790	529680	183550	18.5	0	0	0.5372	1,2,6
791	529680	183540	18.5	0	0	0.53218	1,2,6
792	529680	183540	18.5	0	0	0.52713	1,2,6
793	529680	183540	18.5	0	0	0.52207	1,2,6
794	529680	183540	18.5	0	0	0.51699	1,2,6
795	529680	183540	18.5	0	0	0.51191	1,2,6
796	529680	183540	18.5	0	0	0.50683	1,2,6
797	529680	183540	18.5	0	0	0.50175	1,2,6
798	529680	183540	18.5	0	0	0.49667	1,2,6
799	529680	183540	18.5	0	0	0.49161	1,2,6
800	529680	183540	18.5	0	0	0.48656	1,2,6
801	529680	183540	18.5	0	0	0.48153	1,2,6
802	529680	183540	18.5	0	0	0.47652	1,2,6
803	529680	183540	18.5	0	0	0.47153	1,2,6
804	529680	183540	18.5	0	0	0.46656	1,2,6
805	529680	183540	18.5	0	0	0.46162	1,2,6
806	529680	183540	18.5	0	0	0.45672	1,2,6
807	529680	183540	18.5	0	0	0.45184	1,2,6
808	529680	183540	18.5	0	0	0.447	1,2,6
809	529670	183580	18.5	0	0	0.52279	1,2,6
810	529670	183580	18.5	0	0	0.46976	1,2,6
811	529670	183580	18.5	0	0	0.4313	1,2,6
812	529670	183580	18.5	0	0	0.40479	1,2,6
813	529670	183580	18.5	0	0	0.38803	1,2,6
814	529670	183580	18.5	0	0	0.37924	1,2,6
815	529670	183580	18.5	0	0	0.3769	1,2,6
816	529670	183580	18.5	0	0	0.37974	1,2,6
817	529670	183580	18.5	0	0	0.3867	1,2,6
818	529670	183580	18.5	0	0	0.39687	1,2,6
819	529670	183580	18.5	0	0	0.40948	1,2,6
820	529670	183570	18.5	0	0	0.42388	1,2,6
821	529670	183570	18.5	0	0	0.43955	1,2,6
822	529670	183570	18.5	0	0	0.45601	1,2,6
823	529670	183570	18.5	0	0	0.47289	1,2,6
824	529680	183570	18.5	0	0	0.48988	1,2,6
825	529680	183570	18.5	0	0	0.50673	1,2,6
826	529680	183570	18.5	0	0	0.52322	1,2,6
827	529680	183570	18.5	0	0	0.53919	1,2,6
828	529680	183570	18.5	0	0	0.55451	1,2,6
829	529680	183570	18.5	0	0	0.56907	1,2,6
830	529680	183570	18.5	0	0	0.58281	1,2,6
831	529680	183570	18.5	0	0	0.59568	1,2,6
832	529680	183570	18.5	0	0	0.60764	1,2,6
833	529680	183570	18.5	0	0	0.61867	1,2,6

834	529680	183570	18.5	0	0	0.62876	1,2,6
835	529680	183570	18.5	0	0	0.63793	1,2,6
836	529680	183570	18.5	0	0	0.64618	1,2,6
837	529680	183570	18.5	0	0	0.65354	1,2,6
838	529680	183570	18.5	0	0	0.66002	1,2,6
839	529680	183570	18.5	0	0	0.66566	1,2,6
840	529680	183570	18.5	0	0	0.67049	1,2,6
841	529680	183570	18.5	0	0	0.67454	1,2,6
842	529680	183570	18.5	0	0	0.67786	1,2,6
843	529680	183570	18.5	0	0	0.68046	1,2,6
844	529680	183560	18.5	0	0	0.6824	1,2,6
845	529680	183560	18.5	0	0	0.68371	1,2,6
846	529680	183560	18.5	0	0	0.68442	1,2,6
847	529680	183560	18.5	0	0	0.68457	1,2,6
848	529680	183560	18.5	0	0	0.68419	1,2,6
849	529680	183560	18.5	0	0	0.68333	1,2,6
850	529680	183560	18.5	0	0	0.682	1,2,6
851	529680	183560	18.5	0	0	0.68025	1,2,6
852	529680	183560	18.5	0	0	0.67809	1,2,6
853	529680	183560	18.5	0	0	0.67557	1,2,6
854	529680	183560	18.5	0	0	0.6727	1,2,6
855	529680	183560	18.5	0	0	0.66952	1,2,6
856	529680	183560	18.5	0	0	0.66605	1,2,6
857	529680	183560	18.5	0	0	0.66231	1,2,6
858	529680	183560	18.5	0	0	0.65832	1,2,6
859	529680	183560	18.5	0	0	0.65411	1,2,6
860	529690	183560	18.5	0	0	0.6497	1,2,6
861	529690	183560	18.5	0	0	0.6451	1,2,6
862	529690	183560	18.5	0	0	0.64032	1,2,6
863	529690	183560	18.5	0	0	0.6354	1,2,6
864	529690	183560	18.5	0	0	0.63034	1,2,6
865	529690	183560	18.5	0	0	0.62516	1,2,6
866	529690	183560	18.5	0	0	0.61987	1,2,6
867	529690	183560	18.5	0	0	0.61448	1,2,6
868	529690	183550	18.5	0	0	0.60901	1,2,6
869	529690	183550	18.5	0	0	0.60347	1,2,6
870	529690	183550	18.5	0	0	0.59786	1,2,6
871	529690	183550	18.5	0	0	0.5922	1,2,6
872	529690	183550	18.5	0	0	0.5865	1,2,6
873	529690	183550	18.5	0	0	0.58076	1,2,6
874	529690	183550	18.5	0	0	0.575	1,2,6
875	529690	183550	18.5	0	0	0.56921	1,2,6
876	529690	183550	18.5	0	0	0.56341	1,2,6
877	529690	183550	18.5	0	0	0.55761	1,2,6
878	529690	183550	18.5	0	0	0.5518	1,2,6
879	529690	183550	18.5	0	0	0.546	1,2,6
880	529690	183550	18.5	0	0	0.5402	1,2,6
881	529690	183550	18.5	0	0	0.53442	1,2,6
882	529690	183550	18.5	0	0	0.52865	1,2,6
883	529690	183550	18.5	0	0	0.52291	1,2,6
884	529690	183550	18.5	0	0	0.51719	1,2,6
885	529690	183550	18.5	0	0	0.5115	1,2,6
886	529690	183550	18.5	0	0	0.50584	1,2,6
887	529690	183550	18.5	0	0	0.50022	1,2,6
888	529690	183550	18.5	0	0	0.49463	1,2,6
889	529690	183550	18.5	0	0	0.48908	1,2,6
890	529690	183550	18.5	0	0	0.48357	1,2,6
891	529680	183540	18.5	0	0	0.447	1,2,6
892	529680	183540	18.5	0	0	0.44849	1,2,6
893	529680	183540	18.5	0	0	0.44997	1,2,6
894	529680	183540	18.5	0	0	0.45143	1,2,6
895	529680	183540	18.5	0	0	0.45288	1,2,6
896	529680	183540	18.5	0	0	0.45431	1,2,6
897	529680	183540	18.5	0	0	0.45571	1,2,6
898	529680	183540	18.5	0	0	0.45711	1,2,6
899	529680	183540	18.5	0	0	0.45848	1,2,6
900	529680	183540	18.5	0	0	0.45983	1,2,6
901	529680	183540	18.5	0	0	0.46117	1,2,6
902	529690	183540	18.5	0	0	0.46248	1,2,6
903	529690	183540	18.5	0	0	0.46378	1,2,6
904	529690	183540	18.5	0	0	0.46506	1,2,6
905	529690	183540	18.5	0	0	0.46632	1,2,6
906	529690	183540	18.5	0	0	0.46755	1,2,6
907	529690	183540	18.5	0	0	0.46877	1,2,6
908	529690	183540	18.5	0	0	0.46997	1,2,6
909	529690	183540	18.5	0	0	0.47114	1,2,6
910	529690	183540	18.5	0	0	0.4723	1,2,6
911	529690	183540	18.5	0	0	0.47343	1,2,6
912	529690	183540	18.5	0	0	0.47455	1,2,6
913	529690	183540	18.5	0	0	0.47564	1,2,6
914	529690	183540	18.5	0	0	0.47671	1,2,6
915	529690	183540	18.5	0	0	0.47776	1,2,6
916	529690	183540	18.5	0	0	0.47878	1,2,6
917	529690	183540	18.5	0	0	0.47979	1,2,6
918	529690	183540	18.5	0	0	0.48077	1,2,6
919	529690	183540	18.5	0	0	0.48173	1,2,6
920	529690	183550	18.5	0	0	0.48266	1,2,6
921	529690	183550	18.5	0	0	0.48357	1,2,6
922	529680	183590	19	0	0	0.71671	1,2,6
923	529680	183590	19	0	0	0.67446	1,2,6
924	529680	183590	19	0	0	0.64128	1,2,6
925	529690	183590	19	0	0	0.6155	1,2,6
926	529690	183590	19	0	0	0.5956	1,2,6
927	529690	183590	19	0	0	0.58029	1,2,6
928	529690	183590	19	0	0	0.56848	1,2,6
929	529690	183590	19	0	0	0.55932	1,2,6
930	529690	183590	19	0	0	0.55218	1,2,6
931	529690	183590	19	0	0	0.54667	1,2,6
932	529690	183590	19	0	0	0.54262	1,2,6
933	529690	183590	19	0	0	0.54003	1,2,6
934	529690	183590	19	0	0	0.53902	1,2,6
935	529690	183590	19	0	0	0.53979	1,2,6
936	529690	183590	19	0	0	0.54255	1,2,6
937	529690	183590	19	0	0	0.54751	1,2,6
938	529690	183590	19	0	0	0.55481	1,2,6
939	529690	183590	19	0	0	0.56457	1,2,6
940	529690	183590	19	0	0	0.57681	1,2,6
941	529690	183590	19	0	0	0.59151	1,2,6
942	529690	183590	19	0	0	0.60857	1,2,6
943	529690	183590	19	0	0	0.62785	1,2,6
944	529690	183590	19	0	0	0.64912	1,2,6
945	529690	183590	19	0	0	0.6721	1,2,6
946	529690	183600	19	0	0	0.69647	1,2,6
947	529690	183600	19	0	0	0.72184	1,2,6
948	529690	183600	19	0	0	0.74775	1,2,6
949	529700	183600	19	0	0	0.7737	1,2,6
950	529700	183600	19	0	0	0.79915	1,2,6
951	529700	183600	19	0	0	0.82353	1,2,6
952	529700	183600	19	0	0	0.84625	1,2,6
953	529700	183600	19	0	0	0.86678	1,2,6
954	529700	183600	19	0	0	0.88464	1,2,6
955	529680	183590	19	0	0	0.71671	1,2,6

956	529680	183590	19	0	0	0.68296	1,2,6
957	529680	183590	19	0	0	0.65689	1,2,6
958	529680	183590	19	0	0	0.63743	1,2,6
959	529690	183590	19	0	0	0.62367	1,2,6
960	529690	183590	19	0	0	0.6148	1,2,6
961	529690	183590	19	0	0	0.61011	1,2,6
962	529690	183590	19	0	0	0.60897	1,2,6
963	529690	183590	19	0	0	0.61079	1,2,6
964	529690	183580	19	0	0	0.61505	1,2,6
965	529690	183580	19	0	0	0.62128	1,2,6
966	529690	183580	19	0	0	0.62905	1,2,6
967	529690	183580	19	0	0	0.63798	1,2,6
968	529690	183580	19	0	0	0.64773	1,2,6
969	529690	183580	19	0	0	0.65801	1,2,6
970	529690	183580	19	0	0	0.66856	1,2,6
971	529690	183580	19	0	0	0.67916	1,2,6
972	529690	183580	19	0	0	0.68964	1,2,6
973	529690	183580	19	0	0	0.69984	1,2,6
974	529690	183580	19	0	0	0.70962	1,2,6
975	529690	183580	19	0	0	0.7189	1,2,6
976	529690	183580	19	0	0	0.7276	1,2,6
977	529690	183580	19	0	0	0.73564	1,2,6
978	529690	183580	19	0	0	0.743	1,2,6
979	529690	183580	19	0	0	0.74964	1,2,6
980	529690	183580	19	0	0	0.75555	1,2,6
981	529690	183580	19	0	0	0.76072	1,2,6
982	529690	183580	19	0	0	0.76515	1,2,6
983	529690	183580	19	0	0	0.76885	1,2,6
984	529690	183580	19	0	0	0.77185	1,2,6
985	529690	183580	19	0	0	0.77414	1,2,6
986	529690	183580	19	0	0	0.77577	1,2,6
987	529690	183580	19	0	0	0.77676	1,2,6
988	529690	183570	19	0	0	0.77712	1,2,6
989	529690	183570	19	0	0	0.7769	1,2,6
990	529690	183570	19	0	0	0.77612	1,2,6
991	529690	183570	19	0	0	0.77482	1,2,6
992	529690	183570	19	0	0	0.77302	1,2,6
993	529690	183570	19	0	0	0.77075	1,2,6
994	529690	183570	19	0	0	0.76804	1,2,6
995	529700	183570	19	0	0	0.76492	1,2,6
996	529700	183570	19	0	0	0.76143	1,2,6
997	529700	183570	19	0	0	0.75758	1,2,6
998	529700	183570	19	0	0	0.7534	1,2,6
999	529700	183570	19	0	0	0.74893	1,2,6
1000	529700	183570	19	0	0	0.74417	1,2,6
1001	529700	183570	19	0	0	0.73916	1,2,6
1002	529700	183570	19	0	0	0.73392	1,2,6
1003	529700	183570	19	0	0	0.72847	1,2,6
1004	529700	183570	19	0	0	0.72283	1,2,6
1005	529700	183570	19	0	0	0.71701	1,2,6
1006	529700	183570	19	0	0	0.71104	1,2,6
1007	529700	183570	19	0	0	0.70493	1,2,6
1008	529700	183570	19	0	0	0.6987	1,2,6
1009	529700	183570	19	0	0	0.69236	1,2,6
1010	529700	183570	19	0	0	0.68593	1,2,6
1011	529700	183570	19	0	0	0.67941	1,2,6
1012	529700	183560	19	0	0	0.67282	1,2,6
1013	529700	183560	19	0	0	0.66618	1,2,6
1014	529700	183560	19	0	0	0.65949	1,2,6
1015	529700	183560	19	0	0	0.65276	1,2,6
1016	529700	183560	19	0	0	0.646	1,2,6
1017	529700	183560	19	0	0	0.63922	1,2,6
1018	529700	183560	19	0	0	0.63243	1,2,6
1019	529700	183560	19	0	0	0.62564	1,2,6
1020	529700	183560	19	0	0	0.61884	1,2,6
1021	529700	183560	19	0	0	0.61206	1,2,6
1022	529700	183560	19	0	0	0.60529	1,2,6
1023	529700	183560	19	0	0	0.59853	1,2,6
1024	529700	183560	19	0	0	0.59181	1,2,6
1025	529700	183560	19	0	0	0.58511	1,2,6
1026	529700	183560	19	0	0	0.57844	1,2,6
1027	529700	183560	19	0	0	0.57181	1,2,6
1028	529700	183560	19	0	0	0.56522	1,2,6
1029	529700	183560	19	0	0	0.55868	1,2,6
1030	529700	183600	19	0	0	0.88464	1,2,6
1031	529700	183600	19	0	0	0.85461	1,2,6
1032	529700	183600	19	0	0	0.83453	1,2,6
1033	529700	183600	19	0	0	0.82203	1,2,6
1034	529700	183600	19	0	0	0.81527	1,2,6
1035	529700	183600	19	0	0	0.81283	1,2,6
1036	529700	183590	19	0	0	0.81358	1,2,6
1037	529700	183590	19	0	0	0.81663	1,2,6
1038	529700	183590	19	0	0	0.82128	1,2,6
1039	529700	183590	19	0	0	0.82698	1,2,6
1040	529700	183590	19	0	0	0.83327	1,2,6
1041	529700	183590	19	0	0	0.83983	1,2,6
1042	529700	183590	19	0	0	0.84639	1,2,6
1043	529700	183590	19	0	0	0.85273	1,2,6
1044	529700	183590	19	0	0	0.85871	1,2,6
1045	529700	183590	19	0	0	0.86419	1,2,6
1046	529700	183590	19	0	0	0.86911	1,2,6
1047	529700	183590	19	0	0	0.8734	1,2,6
1048	529700	183590	19	0	0	0.87703	1,2,6
1049	529700	183590	19	0	0	0.87997	1,2,6
1050	529700	183590	19	0	0	0.88222	1,2,6
1051	529700	183590	19	0	0	0.88377	1,2,6
1052	529700	183590	19	0	0	0.88465	1,2,6
1053	529700	183590	19	0	0	0.88487	1,2,6
1054	529700	183590	19	0	0	0.88445	1,2,6
1055	529700	183590	19	0	0	0.88341	1,2,6
1056	529700	183590	19	0	0	0.8818	1,2,6
1057	529700	183590	19	0	0	0.87962	1,2,6
1058	529710	183590	19	0	0	0.87693	1,2,6
1059	529710	183590	19	0	0	0.87373	1,2,6
1060	529710	183580	19	0	0	0.87008	1,2,6
1061	529710	183580	19	0	0	0.866	1,2,6
1062	529710	183580	19	0	0	0.86152	1,2,6
1063	529710	183580	19	0	0	0.85666	1,2,6
1064	529710	183580	19	0	0	0.85146	1,2,6
1065	529710	183580	19	0	0	0.84595	1,2,6
1066	529710	183580	19	0	0	0.84014	1,2,6
1067	529710	183580	19	0	0	0.83407	1,2,6
1068	529710	183580	19	0	0	0.82776	1,2,6
1069	529710	183580	19	0	0	0.82124	1,2,6
1070	529710	183580	19	0	0	0.81451	1,2,6
1071	529710	183580	19	0	0	0.80761	1,2,6
1072	529710	183580	19	0	0	0.80055	1,2,6
1073	529710	183580	19	0	0	0.79336	1,2,6
1074	529710	183580	19	0	0	0.78604	1,2,6
1075	529710	183580	19	0	0	0.77861	1,2,6
1076	529710	183580	19	0	0	0.77109	1,2,6
1077	529710	183580	19	0	0	0.7635	1,2,6

1078	529710	183580	19	0	0	0.75584	1,2,6
1079	529710	183580	19	0	0	0.74812	1,2,6
1080	529710	183580	19	0	0	0.74037	1,2,6
1081	529710	183580	19	0	0	0.73258	1,2,6
1082	529710	183580	19	0	0	0.72478	1,2,6
1083	529710	183580	19	0	0	0.71696	1,2,6
1084	529710	183570	19	0	0	0.70913	1,2,6
1085	529710	183570	19	0	0	0.70131	1,2,6
1086	529710	183570	19	0	0	0.69351	1,2,6
1087	529710	183570	19	0	0	0.68572	1,2,6
1088	529710	183570	19	0	0	0.67795	1,2,6
1089	529710	183570	19	0	0	0.67021	1,2,6
1090	529710	183570	19	0	0	0.66251	1,2,6
1091	529710	183570	19	0	0	0.65485	1,2,6
1092	529710	183570	19	0	0	0.64723	1,2,6
1093	529710	183570	19	0	0	0.63965	1,2,6
1094	529710	183570	19	0	0	0.63213	1,2,6
1095	529720	183570	19	0	0	0.62467	1,2,6
1096	529720	183570	19	0	0	0.61726	1,2,6
1097	529720	183570	19	0	0	0.60991	1,2,6
1098	529720	183570	19	0	0	0.60262	1,2,6
1099	529720	183570	19	0	0	0.5954	1,2,6
1100	529720	183570	19	0	0	0.58825	1,2,6
1101	529720	183570	19	0	0	0.58116	1,2,6
1102	529720	183570	19	0	0	0.57414	1,2,6
1103	529720	183570	19	0	0	0.5672	1,2,6
1104	529720	183570	19	0	0	0.56032	1,2,6
1105	529700	183560	19	0	0	0.55868	1,2,6
1106	529700	183560	19	0	0	0.55925	1,2,6
1107	529710	183560	19	0	0	0.5598	1,2,6
1108	529710	183560	19	0	0	0.56031	1,2,6
1109	529710	183560	19	0	0	0.56079	1,2,6
1110	529710	183560	19	0	0	0.56124	1,2,6
1111	529710	183560	19	0	0	0.56166	1,2,6
1112	529710	183560	19	0	0	0.56204	1,2,6
1113	529710	183560	19	0	0	0.56239	1,2,6
1114	529710	183560	19	0	0	0.56271	1,2,6
1115	529710	183560	19	0	0	0.563	1,2,6
1116	529710	183560	19	0	0	0.56325	1,2,6
1117	529710	183560	19	0	0	0.56347	1,2,6
1118	529710	183560	19	0	0	0.56365	1,2,6
1119	529710	183560	19	0	0	0.5638	1,2,6
1120	529710	183560	19	0	0	0.56391	1,2,6
1121	529710	183560	19	0	0	0.56399	1,2,6
1122	529710	183560	19	0	0	0.56403	1,2,6
1123	529710	183560	19	0	0	0.56404	1,2,6
1124	529710	183560	19	0	0	0.56401	1,2,6
1125	529710	183560	19	0	0	0.56395	1,2,6
1126	529710	183560	19	0	0	0.56385	1,2,6
1127	529710	183560	19	0	0	0.56371	1,2,6
1128	529710	183560	19	0	0	0.56354	1,2,6
1129	529710	183560	19	0	0	0.56333	1,2,6
1130	529710	183560	19	0	0	0.56308	1,2,6
1131	529720	183560	19	0	0	0.5628	1,2,6
1132	529720	183570	19	0	0	0.56248	1,2,6
1133	529720	183570	19	0	0	0.56212	1,2,6
1134	529720	183570	19	0	0	0.56173	1,2,6
1135	529720	183570	19	0	0	0.5613	1,2,6
1136	529720	183570	19	0	0	0.56083	1,2,6
1137	529720	183570	19	0	0	0.56032	1,2,6
1138	529710	183600	19.5	0	0	1.0097	1,2,6
1139	529710	183600	19.5	0	0	1.018	1,2,6
1140	529710	183600	19.5	0	0	1.0262	1,2,6
1141	529710	183600	19.5	0	0	1.0344	1,2,6
1142	529710	183610	19.5	0	0	1.0424	1,2,6
1143	529710	183610	19.5	0	0	1.0502	1,2,6
1144	529710	183610	19.5	0	0	1.0577	1,2,6
1145	529710	183610	19.5	0	0	1.065	1,2,6
1146	529710	183610	19.5	0	0	1.0719	1,2,6
1147	529710	183610	19.5	0	0	1.0785	1,2,6
1148	529710	183610	19.5	0	0	1.0847	1,2,6
1149	529710	183610	19.5	0	0	1.0904	1,2,6
1150	529710	183610	19.5	0	0	1.0957	1,2,6
1151	529710	183610	19.5	0	0	1.1005	1,2,6
1152	529710	183610	19.5	0	0	1.1049	1,2,6
1153	529710	183610	19.5	0	0	1.1087	1,2,6
1154	529710	183610	19.5	0	0	1.1121	1,2,6
1155	529720	183610	19.5	0	0	1.1149	1,2,6
1156	529720	183610	19.5	0	0	1.1173	1,2,6
1157	529710	183600	19.5	0	0	1.0097	1,2,6
1158	529710	183600	19.5	0	0	1.0109	1,2,6
1159	529710	183600	19.5	0	0	1.0117	1,2,6
1160	529710	183600	19.5	0	0	1.0121	1,2,6
1161	529710	183600	19.5	0	0	1.0122	1,2,6
1162	529710	183600	19.5	0	0	1.0118	1,2,6
1163	529710	183600	19.5	0	0	1.011	1,2,6
1164	529710	183600	19.5	0	0	1.0096	1,2,6
1165	529710	183600	19.5	0	0	1.0079	1,2,6
1166	529710	183600	19.5	0	0	1.0057	1,2,6
1167	529710	183600	19.5	0	0	1.003	1,2,6
1168	529710	183600	19.5	0	0	0.99986	1,2,6
1169	529710	183600	19.5	0	0	0.99629	1,2,6
1170	529710	183600	19.5	0	0	0.9923	1,2,6
1171	529710	183600	19.5	0	0	0.9879	1,2,6
1172	529710	183600	19.5	0	0	0.9831	1,2,6
1173	529710	183600	19.5	0	0	0.97792	1,2,6
1174	529710	183600	19.5	0	0	0.97239	1,2,6
1175	529710	183600	19.5	0	0	0.96652	1,2,6
1176	529710	183600	19.5	0	0	0.96033	1,2,6
1177	529710	183600	19.5	0	0	0.95385	1,2,6
1178	529710	183600	19.5	0	0	0.94709	1,2,6
1179	529710	183590	19.5	0	0	0.94007	1,2,6
1180	529710	183590	19.5	0	0	0.93281	1,2,6
1181	529710	183590	19.5	0	0	0.92534	1,2,6
1182	529720	183590	19.5	0	0	0.91766	1,2,6
1183	529720	183590	19.5	0	0	0.90981	1,2,6
1184	529720	183590	19.5	0	0	0.90179	1,2,6
1185	529720	183590	19.5	0	0	0.89362	1,2,6
1186	529720	183590	19.5	0	0	0.88533	1,2,6
1187	529720	183590	19.5	0	0	0.87692	1,2,6
1188	529720	183590	19.5	0	0	0.86841	1,2,6
1189	529720	183590	19.5	0	0	0.85981	1,2,6
1190	529720	183590	19.5	0	0	0.85114	1,2,6
1191	529720	183590	19.5	0	0	0.84241	1,2,6
1192	529720	183590	19.5	0	0	0.83364	1,2,6
1193	529720	183590	19.5	0	0	0.82482	1,2,6
1194	529720	183590	19.5	0	0	0.81598	1,2,6
1195	529720	183590	19.5	0	0	0.80713	1,2,6
1196	529720	183590	19.5	0	0	0.79826	1,2,6
1197	529720	183590	19.5	0	0	0.7894	1,2,6
1198	529720	183590	19.5	0	0	0.78054	1,2,6
1199	529720	183590	19.5	0	0	0.77171	1,2,6

1200	529720	183590	19.5	0	0	0.7629	1,2,6
1201	529720	183590	19.5	0	0	0.75411	1,2,6
1202	529720	183590	19.5	0	0	0.74537	1,2,6
1203	529720	183580	19.5	0	0	0.73666	1,2,6
1204	529720	183580	19.5	0	0	0.72801	1,2,6
1205	529720	183580	19.5	0	0	0.7194	1,2,6
1206	529720	183580	19.5	0	0	0.71085	1,2,6
1207	529720	183580	19.5	0	0	0.70236	1,2,6
1208	529720	183580	19.5	0	0	0.69393	1,2,6
1209	529720	183580	19.5	0	0	0.68557	1,2,6
1210	529720	183580	19.5	0	0	0.67727	1,2,6
1211	529720	183580	19.5	0	0	0.66905	1,2,6
1212	529720	183580	19.5	0	0	0.66091	1,2,6
1213	529720	183580	19.5	0	0	0.65284	1,2,6
1214	529720	183580	19.5	0	0	0.64484	1,2,6
1215	529720	183580	19.5	0	0	0.63693	1,2,6
1216	529720	183580	19.5	0	0	0.6291	1,2,6
1217	529720	183580	19.5	0	0	0.62135	1,2,6
1218	529730	183580	19.5	0	0	0.61368	1,2,6
1219	529730	183580	19.5	0	0	0.6061	1,2,6
1220	529730	183580	19.5	0	0	0.59861	1,2,6
1221	529730	183580	19.5	0	0	0.5912	1,2,6
1222	529730	183580	19.5	0	0	0.58387	1,2,6
1223	529730	183580	19.5	0	0	0.57663	1,2,6
1224	529730	183580	19.5	0	0	0.56948	1,2,6
1225	529730	183580	19.5	0	0	0.56242	1,2,6
1226	529730	183580	19.5	0	0	0.55544	1,2,6
1227	529730	183570	19.5	0	0	0.54855	1,2,6
1228	529730	183570	19.5	0	0	0.54175	1,2,6
1229	529730	183570	19.5	0	0	0.53503	1,2,6
1230	529730	183570	19.5	0	0	0.5284	1,2,6
1231	529720	183610	19.5	0	0	1.1173	1,2,6
1232	529720	183610	19.5	0	0	1.1096	1,2,6
1233	529720	183610	19.5	0	0	1.1016	1,2,6
1234	529720	183610	19.5	0	0	1.0935	1,2,6
1235	529720	183610	19.5	0	0	1.0853	1,2,6
1236	529720	183610	19.5	0	0	1.0768	1,2,6
1237	529720	183610	19.5	0	0	1.0683	1,2,6
1238	529720	183610	19.5	0	0	1.0596	1,2,6
1239	529720	183610	19.5	0	0	1.0507	1,2,6
1240	529720	183610	19.5	0	0	1.0418	1,2,6
1241	529720	183600	19.5	0	0	1.0327	1,2,6
1242	529720	183600	19.5	0	0	1.0236	1,2,6
1243	529720	183600	19.5	0	0	1.0143	1,2,6
1244	529720	183600	19.5	0	0	1.005	1,2,6
1245	529720	183600	19.5	0	0	0.99558	1,2,6
1246	529720	183600	19.5	0	0	0.98612	1,2,6
1247	529720	183600	19.5	0	0	0.97659	1,2,6
1248	529720	183600	19.5	0	0	0.96702	1,2,6
1249	529720	183600	19.5	0	0	0.95741	1,2,6
1250	529720	183600	19.5	0	0	0.94777	1,2,6
1251	529720	183600	19.5	0	0	0.9381	1,2,6
1252	529720	183600	19.5	0	0	0.92842	1,2,6
1253	529720	183600	19.5	0	0	0.91872	1,2,6
1254	529720	183600	19.5	0	0	0.90903	1,2,6
1255	529720	183600	19.5	0	0	0.89933	1,2,6
1256	529720	183600	19.5	0	0	0.88965	1,2,6
1257	529720	183600	19.5	0	0	0.87998	1,2,6
1258	529720	183600	19.5	0	0	0.87034	1,2,6
1259	529720	183600	19.5	0	0	0.86072	1,2,6
1260	529720	183600	19.5	0	0	0.85114	1,2,6
1261	529720	183600	19.5	0	0	0.84159	1,2,6
1262	529720	183600	19.5	0	0	0.83208	1,2,6
1263	529720	183600	19.5	0	0	0.82262	1,2,6
1264	529720	183600	19.5	0	0	0.81321	1,2,6
1265	529720	183590	19.5	0	0	0.80385	1,2,6
1266	529720	183590	19.5	0	0	0.79456	1,2,6
1267	529730	183590	19.5	0	0	0.78532	1,2,6
1268	529730	183590	19.5	0	0	0.77614	1,2,6
1269	529730	183590	19.5	0	0	0.76704	1,2,6
1270	529730	183590	19.5	0	0	0.758	1,2,6
1271	529730	183590	19.5	0	0	0.74904	1,2,6
1272	529730	183590	19.5	0	0	0.74015	1,2,6
1273	529730	183590	19.5	0	0	0.73133	1,2,6
1274	529730	183590	19.5	0	0	0.7226	1,2,6
1275	529730	183590	19.5	0	0	0.71394	1,2,6
1276	529730	183590	19.5	0	0	0.70537	1,2,6
1277	529730	183590	19.5	0	0	0.69688	1,2,6
1278	529730	183590	19.5	0	0	0.68847	1,2,6
1279	529730	183590	19.5	0	0	0.68015	1,2,6
1280	529730	183590	19.5	0	0	0.67192	1,2,6
1281	529730	183590	19.5	0	0	0.66377	1,2,6
1282	529730	183590	19.5	0	0	0.65571	1,2,6
1283	529730	183590	19.5	0	0	0.64774	1,2,6
1284	529730	183590	19.5	0	0	0.63985	1,2,6
1285	529730	183590	19.5	0	0	0.63206	1,2,6
1286	529730	183590	19.5	0	0	0.62435	1,2,6
1287	529730	183590	19.5	0	0	0.61674	1,2,6
1288	529730	183580	19.5	0	0	0.60921	1,2,6
1289	529730	183580	19.5	0	0	0.60178	1,2,6
1290	529730	183580	19.5	0	0	0.59443	1,2,6
1291	529730	183580	19.5	0	0	0.58717	1,2,6
1292	529730	183580	19.5	0	0	0.58	1,2,6
1293	529730	183580	19.5	0	0	0.57292	1,2,6
1294	529730	183580	19.5	0	0	0.56593	1,2,6
1295	529730	183580	19.5	0	0	0.55903	1,2,6
1296	529730	183580	19.5	0	0	0.55221	1,2,6
1297	529730	183580	19.5	0	0	0.54548	1,2,6
1298	529730	183580	19.5	0	0	0.53884	1,2,6
1299	529730	183580	19.5	0	0	0.53228	1,2,6
1300	529730	183580	19.5	0	0	0.52581	1,2,6
1301	529730	183580	19.5	0	0	0.51942	1,2,6
1302	529730	183580	19.5	0	0	0.51312	1,2,6
1303	529730	183580	19.5	0	0	0.5069	1,2,6
1304	529740	183580	19.5	0	0	0.50076	1,2,6
1305	529730	183570	19.5	0	0	0.5284	1,2,6
1306	529730	183570	19.5	0	0	0.5269	1,2,6
1307	529730	183570	19.5	0	0	0.52537	1,2,6
1308	529730	183570	19.5	0	0	0.52381	1,2,6
1309	529730	183570	19.5	0	0	0.52221	1,2,6
1310	529730	183570	19.5	0	0	0.52059	1,2,6
1311	529730	183580	19.5	0	0	0.51893	1,2,6
1312	529730	183580	19.5	0	0	0.51724	1,2,6
1313	529730	183580	19.5	0	0	0.51552	1,2,6
1314	529730	183580	19.5	0	0	0.51377	1,2,6
1315	529730	183580	19.5	0	0	0.512	1,2,6
1316	529730	183580	19.5	0	0	0.51019	1,2,6
1317	529730	183580	19.5	0	0	0.50836	1,2,6
1318	529730	183580	19.5	0	0	0.5065	1,2,6
1319	529730	183580	19.5	0	0	0.50461	1,2,6
1320	529730	183580	19.5	0	0	0.5027	1,2,6
1321	529740	183580	19.5	0	0	0.50076	1,2,6

1322	529720	183610	20.5	0	0	1.124	1,2,6
1323	529720	183610	20.5	0	0	1.1228	1,2,6
1324	529720	183610	20.5	0	0	1.1212	1,2,6
1325	529720	183610	20.5	0	0	1.1191	1,2,6
1326	529720	183610	20.5	0	0	1.1166	1,2,6
1327	529720	183610	20.5	0	0	1.1137	1,2,6
1328	529720	183610	20.5	0	0	1.1103	1,2,6
1329	529720	183610	20.5	0	0	1.1067	1,2,6
1330	529720	183610	20.5	0	0	1.1026	1,2,6
1331	529720	183610	20.5	0	0	1.0982	1,2,6
1332	529720	183610	20.5	0	0	1.0935	1,2,6
1333	529720	183610	20.5	0	0	1.0885	1,2,6
1334	529720	183610	20.5	0	0	1.0832	1,2,6
1335	529720	183610	20.5	0	0	1.0777	1,2,6
1336	529720	183610	20.5	0	0	1.0718	1,2,6
1337	529720	183610	20.5	0	0	1.0658	1,2,6
1338	529720	183620	20.5	0	0	1.0595	1,2,6
1339	529730	183620	20.5	0	0	1.053	1,2,6
1340	529730	183620	20.5	0	0	1.0463	1,2,6
1341	529730	183620	20.5	0	0	1.0394	1,2,6
1342	529730	183620	20.5	0	0	1.0323	1,2,6
1343	529730	183620	20.5	0	0	1.0251	1,2,6
1344	529730	183620	20.5	0	0	1.0178	1,2,6
1345	529730	183620	20.5	0	0	1.0103	1,2,6
1346	529730	183620	20.5	0	0	1.0027	1,2,6
1347	529730	183620	20.5	0	0	0.99494	1,2,6
1348	529730	183620	20.5	0	0	0.98711	1,2,6
1349	529730	183620	20.5	0	0	0.97919	1,2,6
1350	529730	183620	20.5	0	0	0.9712	1,2,6
1351	529730	183620	20.5	0	0	0.96313	1,2,6
1352	529730	183620	20.5	0	0	0.95499	1,2,6
1353	529730	183620	20.5	0	0	0.9468	1,2,6
1354	529730	183620	20.5	0	0	0.93857	1,2,6
1355	529730	183620	20.5	0	0	0.93029	1,2,6
1356	529730	183620	20.5	0	0	0.92198	1,2,6
1357	529730	183620	20.5	0	0	0.91364	1,2,6
1358	529730	183620	20.5	0	0	0.90529	1,2,6
1359	529730	183620	20.5	0	0	0.89692	1,2,6
1360	529730	183620	20.5	0	0	0.88854	1,2,6
1361	529730	183620	20.5	0	0	0.88016	1,2,6
1362	529730	183620	20.5	0	0	0.87179	1,2,6
1363	529740	183620	20.5	0	0	0.86342	1,2,6
1364	529740	183620	20.5	0	0	0.85506	1,2,6
1365	529740	183620	20.5	0	0	0.84672	1,2,6
1366	529740	183620	20.5	0	0	0.8384	1,2,6
1367	529740	183620	20.5	0	0	0.8301	1,2,6
1368	529740	183620	20.5	0	0	0.82183	1,2,6
1369	529740	183620	20.5	0	0	0.81359	1,2,6
1370	529740	183620	20.5	0	0	0.80539	1,2,6
1371	529740	183620	20.5	0	0	0.79722	1,2,6
1372	529740	183620	20.5	0	0	0.7891	1,2,6
1373	529740	183620	20.5	0	0	0.78101	1,2,6
1374	529740	183630	20.5	0	0	0.77297	1,2,6
1375	529740	183630	20.5	0	0	0.76498	1,2,6
1376	529740	183630	20.5	0	0	0.75704	1,2,6
1377	529740	183630	20.5	0	0	0.74915	1,2,6
1378	529740	183630	20.5	0	0	0.74131	1,2,6
1379	529740	183630	20.5	0	0	0.73352	1,2,6
1380	529740	183630	20.5	0	0	0.7258	1,2,6
1381	529740	183630	20.5	0	0	0.71812	1,2,6
1382	529740	183630	20.5	0	0	0.71051	1,2,6
1383	529740	183630	20.5	0	0	0.70296	1,2,6
1384	529740	183630	20.5	0	0	0.69547	1,2,6
1385	529740	183630	20.5	0	0	0.68804	1,2,6
1386	529740	183630	20.5	0	0	0.68067	1,2,6
1387	529750	183630	20.5	0	0	0.67336	1,2,6
1388	529750	183630	20.5	0	0	0.66612	1,2,6
1389	529750	183630	20.5	0	0	0.65895	1,2,6
1390	529750	183630	20.5	0	0	0.65184	1,2,6
1391	529750	183630	20.5	0	0	0.64479	1,2,6
1392	529750	183630	20.5	0	0	0.63781	1,2,6
1393	529750	183630	20.5	0	0	0.6309	1,2,6
1394	529750	183630	20.5	0	0	0.62405	1,2,6
1395	529750	183630	20.5	0	0	0.61727	1,2,6
1396	529750	183630	20.5	0	0	0.61056	1,2,6
1397	529750	183630	20.5	0	0	0.60391	1,2,6
1398	529750	183630	20.5	0	0	0.59733	1,2,6
1399	529750	183630	20.5	0	0	0.59082	1,2,6
1400	529750	183630	20.5	0	0	0.58438	1,2,6
1401	529750	183630	20.5	0	0	0.578	1,2,6
1402	529750	183630	20.5	0	0	0.57169	1,2,6
1403	529750	183630	20.5	0	0	0.56544	1,2,6
1404	529750	183630	20.5	0	0	0.55926	1,2,6
1405	529750	183630	20.5	0	0	0.55315	1,2,6
1406	529750	183630	20.5	0	0	0.54711	1,2,6
1407	529750	183630	20.5	0	0	0.54113	1,2,6
1408	529720	183610	20.5	0	0	1.124	1,2,6
1409	529720	183610	20.5	0	0	1.1144	1,2,6
1410	529720	183610	20.5	0	0	1.1046	1,2,6
1411	529720	183610	20.5	0	0	1.0947	1,2,6
1412	529720	183610	20.5	0	0	1.0848	1,2,6
1413	529720	183610	20.5	0	0	1.0749	1,2,6
1414	529720	183610	20.5	0	0	1.0649	1,2,6
1415	529720	183610	20.5	0	0	1.0548	1,2,6
1416	529720	183610	20.5	0	0	1.0447	1,2,6
1417	529720	183610	20.5	0	0	1.0345	1,2,6
1418	529720	183610	20.5	0	0	1.0244	1,2,6
1419	529720	183610	20.5	0	0	1.0142	1,2,6
1420	529720	183610	20.5	0	0	1.004	1,2,6
1421	529720	183610	20.5	0	0	0.99377	1,2,6
1422	529720	183610	20.5	0	0	0.98355	1,2,6
1423	529720	183600	20.5	0	0	0.97335	1,2,6
1424	529720	183600	20.5	0	0	0.96315	1,2,6
1425	529720	183600	20.5	0	0	0.95296	1,2,6
1426	529720	183600	20.5	0	0	0.94279	1,2,6
1427	529720	183600	20.5	0	0	0.93265	1,2,6
1428	529720	183600	20.5	0	0	0.92253	1,2,6
1429	529720	183600	20.5	0	0	0.91245	1,2,6
1430	529720	183600	20.5	0	0	0.91245	1,2,6
1431	529720	183600	20.5	0	0	0.90865	1,2,6
1432	529720	183600	20.5	0	0	0.90469	1,2,6
1433	529730	183600	20.5	0	0	0.90059	1,2,6
1434	529730	183600	20.5	0	0	0.89635	1,2,6
1435	529730	183600	20.5	0	0	0.89198	1,2,6
1436	529730	183600	20.5	0	0	0.88748	1,2,6
1437	529730	183600	20.5	0	0	0.88286	1,2,6
1438	529730	183600	20.5	0	0	0.87812	1,2,6
1439	529730	183600	20.5	0	0	0.87327	1,2,6
1440	529730	183610	20.5	0	0	0.86831	1,2,6
1441	529730	183610	20.5	0	0	0.86325	1,2,6
1442	529730	183610	20.5	0	0	0.85809	1,2,6
1443	529730	183610	20.5	0	0	0.85284	1,2,6

1444	529730	183610	20.5	0	0	0.84751	1,2,6
1445	529730	183610	20.5	0	0	0.84209	1,2,6
1446	529730	183610	20.5	0	0	0.8366	1,2,6
1447	529730	183610	20.5	0	0	0.83103	1,2,6
1448	529730	183610	20.5	0	0	0.8254	1,2,6
1449	529730	183610	20.5	0	0	0.8254	1,2,6
1450	529730	183610	20.5	0	0	0.8158	1,2,6
1451	529730	183610	20.5	0	0	0.80629	1,2,6
1452	529730	183610	20.5	0	0	0.79688	1,2,6
1453	529730	183610	20.5	0	0	0.78756	1,2,6
1454	529730	183610	20.5	0	0	0.77834	1,2,6
1455	529730	183600	20.5	0	0	0.76921	1,2,6
1456	529730	183600	20.5	0	0	0.76018	1,2,6
1457	529730	183600	20.5	0	0	0.75125	1,2,6
1458	529730	183600	20.5	0	0	0.74241	1,2,6
1459	529730	183600	20.5	0	0	0.73366	1,2,6
1460	529730	183600	20.5	0	0	0.72501	1,2,6
1461	529730	183600	20.5	0	0	0.71645	1,2,6
1462	529730	183600	20.5	0	0	0.70799	1,2,6
1463	529740	183600	20.5	0	0	0.69963	1,2,6
1464	529740	183600	20.5	0	0	0.69135	1,2,6
1465	529740	183600	20.5	0	0	0.68318	1,2,6
1466	529740	183600	20.5	0	0	0.67509	1,2,6
1467	529740	183600	20.5	0	0	0.6671	1,2,6
1468	529740	183600	20.5	0	0	0.6592	1,2,6
1469	529740	183600	20.5	0	0	0.65139	1,2,6
1470	529740	183600	20.5	0	0	0.64368	1,2,6
1471	529740	183600	20.5	0	0	0.63606	1,2,6
1472	529740	183600	20.5	0	0	0.62852	1,2,6
1473	529740	183600	20.5	0	0	0.62108	1,2,6
1474	529740	183600	20.5	0	0	0.61373	1,2,6
1475	529740	183600	20.5	0	0	0.60646	1,2,6
1476	529740	183600	20.5	0	0	0.59929	1,2,6
1477	529740	183600	20.5	0	0	0.5922	1,2,6
1478	529740	183600	20.5	0	0	0.5852	1,2,6
1479	529740	183590	20.5	0	0	0.57828	1,2,6
1480	529740	183590	20.5	0	0	0.57145	1,2,6
1481	529740	183590	20.5	0	0	0.56471	1,2,6
1482	529740	183590	20.5	0	0	0.55805	1,2,6
1483	529740	183590	20.5	0	0	0.55147	1,2,6
1484	529740	183590	20.5	0	0	0.54498	1,2,6
1485	529740	183590	20.5	0	0	0.53857	1,2,6
1486	529740	183590	20.5	0	0	0.53224	1,2,6
1487	529740	183590	20.5	0	0	0.52599	1,2,6
1488	529740	183590	20.5	0	0	0.51982	1,2,6
1489	529740	183590	20.5	0	0	0.51373	1,2,6
1490	529740	183590	20.5	0	0	0.50772	1,2,6
1491	529740	183590	20.5	0	0	0.50178	1,2,6
1492	529740	183590	20.5	0	0	0.49592	1,2,6
1493	529740	183590	20.5	0	0	0.49014	1,2,6
1494	529740	183590	20.5	0	0	0.48443	1,2,6
1495	529740	183590	20.5	0	0	0.4788	1,2,6
1496	529740	183590	20.5	0	0	0.47324	1,2,6
1497	529740	183590	20.5	0	0	0.46775	1,2,6
1498	529740	183590	20.5	0	0	0.46233	1,2,6
1499	529740	183590	20.5	0	0	0.45698	1,2,6
1500	529750	183590	20.5	0	0	0.45171	1,2,6
1501	529750	183590	20.5	0	0	0.4465	1,2,6
1502	529750	183580	20.5	0	0	0.44136	1,2,6
1503	529750	183580	20.5	0	0	0.43629	1,2,6
1504	529750	183580	20.5	0	0	0.43128	1,2,6
1505	529750	183580	20.5	0	0	0.42634	1,2,6
1506	529750	183580	20.5	0	0	0.42634	1,2,6
1507	529750	183580	20.5	0	0	0.42386	1,2,6
1508	529750	183580	20.5	0	0	0.42138	1,2,6
1509	529750	183580	20.5	0	0	0.4189	1,2,6
1510	529750	183580	20.5	0	0	0.41641	1,2,6
1511	529750	183580	20.5	0	0	0.41391	1,2,6
1512	529750	183590	20.5	0	0	0.41142	1,2,6
1513	529750	183590	20.5	0	0	0.40892	1,2,6
1514	529750	183590	20.5	0	0	0.40643	1,2,6
1515	529750	183590	20.5	0	0	0.40393	1,2,6
1516	529750	183590	20.5	0	0	0.40143	1,2,6
1517	529750	183590	20.5	0	0	0.39893	1,2,6
1518	529750	183590	20.5	0	0	0.39643	1,2,6
1519	529750	183590	20.5	0	0	0.39394	1,2,6
1520	529750	183590	20.5	0	0	0.39144	1,2,6
1521	529750	183590	20.5	0	0	0.38895	1,2,6
1522	529750	183590	20.5	0	0	0.38646	1,2,6
1523	529750	183590	20.5	0	0	0.38397	1,2,6
1524	529750	183590	20.5	0	0	0.38148	1,2,6
1525	529750	183590	20.5	0	0	0.379	1,2,6
1526	529760	183590	20.5	0	0	0.37652	1,2,6
1527	529760	183590	20.5	0	0	0.37404	1,2,6
1528	529760	183590	20.5	0	0	0.37157	1,2,6
1529	529760	183590	20.5	0	0	0.36911	1,2,6
1530	529760	183590	20.5	0	0	0.36665	1,2,6
1531	529760	183590	20.5	0	0	0.36665	1,2,6
1532	529760	183590	20.5	0	0	0.37052	1,2,6
1533	529760	183590	20.5	0	0	0.37443	1,2,6
1534	529760	183590	20.5	0	0	0.3784	1,2,6
1535	529760	183590	20.5	0	0	0.38241	1,2,6
1536	529760	183590	20.5	0	0	0.38647	1,2,6
1537	529760	183590	20.5	0	0	0.39058	1,2,6
1538	529760	183590	20.5	0	0	0.39474	1,2,6
1539	529750	183590	20.5	0	0	0.39894	1,2,6
1540	529750	183590	20.5	0	0	0.4032	1,2,6
1541	529750	183590	20.5	0	0	0.40751	1,2,6
1542	529750	183590	20.5	0	0	0.41187	1,2,6
1543	529750	183590	20.5	0	0	0.41628	1,2,6
1544	529750	183600	20.5	0	0	0.42075	1,2,6
1545	529750	183600	20.5	0	0	0.42527	1,2,6
1546	529750	183600	20.5	0	0	0.42984	1,2,6
1547	529750	183600	20.5	0	0	0.43447	1,2,6
1548	529750	183600	20.5	0	0	0.43915	1,2,6
1549	529750	183600	20.5	0	0	0.44389	1,2,6
1550	529750	183600	20.5	0	0	0.44868	1,2,6
1551	529750	183600	20.5	0	0	0.45353	1,2,6
1552	529750	183600	20.5	0	0	0.45844	1,2,6
1553	529750	183600	20.5	0	0	0.4634	1,2,6
1554	529750	183600	20.5	0	0	0.46842	1,2,6
1555	529750	183600	20.5	0	0	0.4735	1,2,6
1556	529750	183600	20.5	0	0	0.47864	1,2,6
1557	529750	183600	20.5	0	0	0.48385	1,2,6
1558	529750	183600	20.5	0	0	0.48911	1,2,6
1559	529750	183600	20.5	0	0	0.49443	1,2,6
1560	529750	183600	20.5	0	0	0.49981	1,2,6
1561	529750	183600	20.5	0	0	0.50526	1,2,6
1562	529750	183600	20.5	0	0	0.51077	1,2,6
1563	529750	183600	20.5	0	0	0.51634	1,2,6
1564	529750	183600	20.5	0	0	0.52197	1,2,6
1565	529750	183600	20.5	0	0	0.52767	1,2,6

1566	529750	183600	20.5	0	0	0.53344	1,2,6
1567	529750	183610	20.5	0	0	0.53927	1,2,6
1568	529750	183610	20.5	0	0	0.54516	1,2,6
1569	529750	183610	20.5	0	0	0.55112	1,2,6
1570	529750	183610	20.5	0	0	0.55715	1,2,6
1571	529750	183610	20.5	0	0	0.56325	1,2,6
1572	529750	183610	20.5	0	0	0.56941	1,2,6
1573	529750	183610	20.5	0	0	0.57564	1,2,6
1574	529750	183610	20.5	0	0	0.58194	1,2,6
1575	529750	183610	20.5	0	0	0.58831	1,2,6
1576	529740	183610	20.5	0	0	0.59475	1,2,6
1577	529740	183610	20.5	0	0	0.60126	1,2,6
1578	529740	183610	20.5	0	0	0.60784	1,2,6
1579	529740	183610	20.5	0	0	0.61449	1,2,6
1580	529740	183610	20.5	0	0	0.62121	1,2,6
1581	529740	183610	20.5	0	0	0.628	1,2,6
1582	529740	183610	20.5	0	0	0.63486	1,2,6
1583	529740	183610	20.5	0	0	0.6418	1,2,6
1584	529740	183610	20.5	0	0	0.64881	1,2,6
1585	529740	183610	20.5	0	0	0.65589	1,2,6
1586	529740	183610	20.5	0	0	0.65589	1,2,6
1587	529740	183610	20.5	0	0	0.65003	1,2,6
1588	529740	183610	20.5	0	0	0.64419	1,2,6
1589	529740	183610	20.5	0	0	0.63838	1,2,6
1590	529740	183610	20.5	0	0	0.63259	1,2,6
1591	529740	183610	20.5	0	0	0.62683	1,2,6
1592	529750	183610	20.5	0	0	0.6211	1,2,6
1593	529750	183610	20.5	0	0	0.61539	1,2,6
1594	529750	183610	20.5	0	0	0.60972	1,2,6
1595	529750	183610	20.5	0	0	0.60408	1,2,6
1596	529750	183620	20.5	0	0	0.59847	1,2,6
1597	529750	183620	20.5	0	0	0.59289	1,2,6
1598	529750	183620	20.5	0	0	0.58735	1,2,6
1599	529750	183620	20.5	0	0	0.58184	1,2,6
1600	529750	183620	20.5	0	0	0.57637	1,2,6
1601	529750	183620	20.5	0	0	0.57094	1,2,6
1602	529750	183620	20.5	0	0	0.56554	1,2,6
1603	529750	183620	20.5	0	0	0.56018	1,2,6
1604	529750	183620	20.5	0	0	0.55485	1,2,6
1605	529750	183620	20.5	0	0	0.54957	1,2,6
1606	529750	183620	20.5	0	0	0.54432	1,2,6
1607	529750	183620	20.5	0	0	0.53912	1,2,6
1608	529750	183620	20.5	0	0	0.53395	1,2,6
1609	529750	183620	20.5	0	0	0.52883	1,2,6
1610	529750	183620	20.5	0	0	0.52374	1,2,6
1611	529750	183620	20.5	0	0	0.51869	1,2,6
1612	529750	183620	20.5	0	0	0.51369	1,2,6
1613	529750	183620	20.5	0	0	0.50873	1,2,6
1614	529750	183620	20.5	0	0	0.5038	1,2,6
1615	529750	183620	20.5	0	0	0.49892	1,2,6
1616	529760	183620	20.5	0	0	0.49409	1,2,6
1617	529760	183620	20.5	0	0	0.48929	1,2,6
1618	529760	183620	20.5	0	0	0.48453	1,2,6
1619	529760	183620	20.5	0	0	0.47982	1,2,6
1620	529760	183620	20.5	0	0	0.47515	1,2,6
1621	529760	183620	20.5	0	0	0.47052	1,2,6
1622	529760	183620	20.5	0	0	0.46593	1,2,6
1623	529760	183620	20.5	0	0	0.46138	1,2,6
1624	529760	183620	20.5	0	0	0.45688	1,2,6
1625	529760	183620	20.5	0	0	0.45241	1,2,6
1626	529760	183620	20.5	0	0	0.44799	1,2,6
1627	529760	183620	20.5	0	0	0.44361	1,2,6
1628	529760	183620	20.5	0	0	0.43928	1,2,6
1629	529760	183620	20.5	0	0	0.43498	1,2,6
1630	529760	183620	20.5	0	0	0.43498	1,2,6
1631	529760	183620	20.5	0	0	0.43886	1,2,6
1632	529760	183620	20.5	0	0	0.44277	1,2,6
1633	529760	183630	20.5	0	0	0.44671	1,2,6
1634	529760	183630	20.5	0	0	0.45068	1,2,6
1635	529760	183630	20.5	0	0	0.45469	1,2,6
1636	529760	183630	20.5	0	0	0.45872	1,2,6
1637	529760	183630	20.5	0	0	0.46278	1,2,6
1638	529760	183630	20.5	0	0	0.46688	1,2,6
1639	529760	183630	20.5	0	0	0.47101	1,2,6
1640	529760	183630	20.5	0	0	0.47516	1,2,6
1641	529760	183630	20.5	0	0	0.47935	1,2,6
1642	529760	183630	20.5	0	0	0.48357	1,2,6
1643	529760	183630	20.5	0	0	0.48782	1,2,6
1644	529760	183630	20.5	0	0	0.49209	1,2,6
1645	529760	183630	20.5	0	0	0.4964	1,2,6
1646	529760	183630	20.5	0	0	0.50074	1,2,6
1647	529760	183630	20.5	0	0	0.50511	1,2,6
1648	529760	183630	20.5	0	0	0.50951	1,2,6
1649	529760	183630	20.5	0	0	0.51394	1,2,6
1650	529760	183630	20.5	0	0	0.5184	1,2,6
1651	529750	183630	20.5	0	0	0.52289	1,2,6
1652	529750	183630	20.5	0	0	0.5274	1,2,6
1653	529750	183630	20.5	0	0	0.53195	1,2,6
1654	529750	183630	20.5	0	0	0.53652	1,2,6
1655	529750	183630	20.5	0	0	0.54113	1,2,6
1656	529690	183640	20.5	0	0	2.05	1,2,6
1657	529690	183640	20.5	0	0	3.2096	1,2,6
1658	529690	183640	20.5	0	0	4.0769	1,2,6
1659	529690	183640	20.5	0	0	4.7187	1,2,6
1660	529690	183650	20.5	0	0	5.1703	1,2,6
1661	529690	183650	20.5	0	0	5.4474	1,2,6
1662	529690	183650	20.5	0	0	5.5495	1,2,6
1663	529690	183650	20.5	0	0	5.4844	1,2,6
1664	529690	183650	20.5	0	0	5.1146	1,2,6
1665	529690	183650	20.5	0	0	3.7954	1,2,6
1666	529690	183650	20.5	0	0	2.9832	1,2,6
1667	529700	183650	20.5	0	0	2.5349	1,2,6
1668	529700	183650	20.5	0	0	2.2378	1,2,6
1669	529700	183650	20.5	0	0	2.0297	1,2,6
1670	529700	183650	20.5	0	0	1.8807	1,2,6
1671	529700	183650	20.5	0	0	1.7736	1,2,6
1672	529700	183650	20.5	0	0	1.6973	1,2,6
1673	529700	183650	20.5	0	0	1.6442	1,2,6
1674	529700	183650	20.5	0	0	1.6089	1,2,6
1675	529700	183650	20.5	0	0	1.5872	1,2,6
1676	529700	183650	20.5	0	0	1.576	1,2,6
1677	529700	183650	20.5	0	0	1.5728	1,2,6
1678	529700	183650	20.5	0	0	1.5757	1,2,6
1679	529700	183650	20.5	0	0	1.583	1,2,6
1680	529700	183650	20.5	0	0	1.5935	1,2,6
1681	529700	183650	20.5	0	0	1.6062	1,2,6
1682	529700	183650	20.5	0	0	1.6202	1,2,6
1683	529700	183650	20.5	0	0	1.6349	1,2,6
1684	529700	183650	20.5	0	0	1.6497	1,2,6
1685	529700	183650	20.5	0	0	1.6642	1,2,6
1686	529700	183650	20.5	0	0	1.6781	1,2,6
1687	529700	183650	20.5	0	0	1.691	1,2,6

1688	529690	183640	20.5	0	0	2.05	1,2,6
1689	529690	183640	20.5	0	0	2.7839	1,2,6
1690	529690	183640	20.5	0	0	3.3766	1,2,6
1691	529690	183640	20.5	0	0	3.8684	1,2,6
1692	529690	183640	20.5	0	0	4.2819	1,2,6
1693	529690	183640	20.5	0	0	4.6309	1,2,6
1694	529690	183640	20.5	0	0	4.924	1,2,6
1695	529690	183640	20.5	0	0	5.1664	1,2,6
1696	529690	183640	20.5	0	0	5.3609	1,2,6
1697	529690	183640	20.5	0	0	5.5081	1,2,6
1698	529690	183640	20.5	0	0	5.6067	1,2,6
1699	529690	183640	20.5	0	0	5.664	1,2,6
1700	529690	183640	20.5	0	0	5.685	1,2,6
1701	529690	183640	20.5	0	0	5.704	1,2,6
1702	529690	183640	20.5	0	0	5.5115	1,2,6
1703	529690	183640	20.5	0	0	4.9964	1,2,6
1704	529700	183640	20.5	0	0	4.5674	1,2,6
1705	529700	183640	20.5	0	0	3.758	1,2,6
1706	529700	183640	20.5	0	0	3.1647	1,2,6
1707	529700	183640	20.5	0	0	2.7885	1,2,6
1708	529700	183640	20.5	0	0	2.5134	1,2,6
1709	529700	183640	20.5	0	0	2.3025	1,2,6
1710	529700	183630	20.5	0	0	2.1377	1,2,6
1711	529700	183630	20.5	0	0	2.0068	1,2,6
1712	529700	183630	20.5	0	0	1.8992	1,2,6
1713	529700	183630	20.5	0	0	1.806	1,2,6
1714	529700	183630	20.5	0	0	1.7219	1,2,6
1715	529700	183630	20.5	0	0	1.6455	1,2,6
1716	529700	183630	20.5	0	0	1.5764	1,2,6
1717	529700	183630	20.5	0	0	1.5146	1,2,6
1718	529700	183630	20.5	0	0	1.46	1,2,6
1719	529700	183630	20.5	0	0	1.412	1,2,6
1720	529700	183630	20.5	0	0	1.3702	1,2,6
1721	529700	183630	20.5	0	0	1.3341	1,2,6
1722	529700	183630	20.5	0	0	1.303	1,2,6
1723	529700	183630	20.5	0	0	1.2765	1,2,6
1724	529700	183630	20.5	0	0	1.254	1,2,6
1725	529700	183630	20.5	0	0	1.2351	1,2,6
1726	529700	183630	20.5	0	0	1.2195	1,2,6
1727	529700	183630	20.5	0	0	1.2066	1,2,6
1728	529700	183630	20.5	0	0	1.1962	1,2,6
1729	529700	183630	20.5	0	0	1.1878	1,2,6
1730	529700	183630	20.5	0	0	1.1812	1,2,6
1731	529700	183630	20.5	0	0	1.1762	1,2,6
1732	529700	183630	20.5	0	0	1.1725	1,2,6
1733	529700	183630	20.5	0	0	1.1698	1,2,6
1734	529700	183620	20.5	0	0	1.1682	1,2,6
1735	529700	183620	20.5	0	0	1.1672	1,2,6
1736	529700	183620	20.5	0	0	1.167	1,2,6
1737	529700	183620	20.5	0	0	1.1673	1,2,6
1738	529700	183620	20.5	0	0	1.168	1,2,6
1739	529700	183620	20.5	0	0	1.1691	1,2,6
1740	529710	183620	20.5	0	0	1.1705	1,2,6
1741	529710	183620	20.5	0	0	1.172	1,2,6
1742	529710	183620	20.5	0	0	1.1737	1,2,6
1743	529710	183620	20.5	0	0	1.1755	1,2,6
1744	529710	183620	20.5	0	0	1.1772	1,2,6
1745	529710	183620	20.5	0	0	1.179	1,2,6
1746	529710	183620	20.5	0	0	1.1806	1,2,6
1747	529710	183620	20.5	0	0	1.1822	1,2,6
1748	529710	183620	20.5	0	0	1.1835	1,2,6
1749	529710	183620	20.5	0	0	1.1847	1,2,6
1750	529710	183620	20.5	0	0	1.1856	1,2,6
1751	529700	183650	20.5	0	0	1.691	1,2,6
1752	529700	183650	20.5	0	0	1.6983	1,2,6
1753	529700	183650	20.5	0	0	1.705	1,2,6
1754	529700	183650	20.5	0	0	1.7111	1,2,6
1755	529700	183650	20.5	0	0	1.7166	1,2,6
1756	529700	183650	20.5	0	0	1.7214	1,2,6
1757	529710	183650	20.5	0	0	1.7256	1,2,6
1758	529710	183650	20.5	0	0	1.7292	1,2,6
1759	529710	183650	20.5	0	0	1.7322	1,2,6
1760	529710	183650	20.5	0	0	1.7345	1,2,6
1761	529710	183650	20.5	0	0	1.7362	1,2,6
1762	529710	183650	20.5	0	0	1.7373	1,2,6
1763	529710	183650	20.5	0	0	1.7378	1,2,6
1764	529710	183650	20.5	0	0	1.7378	1,2,6
1765	529710	183650	20.5	0	0	1.7371	1,2,6
1766	529710	183650	20.5	0	0	1.7359	1,2,6
1767	529710	183650	20.5	0	0	1.7341	1,2,6
1768	529710	183640	20.5	0	0	1.7318	1,2,6
1769	529710	183640	20.5	0	0	1.729	1,2,6
1770	529710	183640	20.5	0	0	1.7257	1,2,6
1771	529710	183640	20.5	0	0	1.7218	1,2,6
1772	529710	183640	20.5	0	0	1.7175	1,2,6
1773	529710	183640	20.5	0	0	1.7127	1,2,6
1774	529710	183640	20.5	0	0	1.7075	1,2,6
1775	529710	183640	20.5	0	0	1.7018	1,2,6
1776	529710	183640	20.5	0	0	1.6957	1,2,6
1777	529710	183640	20.5	0	0	1.6892	1,2,6
1778	529710	183640	20.5	0	0	1.6824	1,2,6
1779	529710	183640	20.5	0	0	1.6751	1,2,6
1780	529710	183640	20.5	0	0	1.6675	1,2,6
1781	529710	183640	20.5	0	0	1.6596	1,2,6
1782	529710	183640	20.5	0	0	1.6513	1,2,6
1783	529710	183640	20.5	0	0	1.6427	1,2,6
1784	529710	183640	20.5	0	0	1.6338	1,2,6
1785	529710	183640	20.5	0	0	1.6246	1,2,6
1786	529710	183640	20.5	0	0	1.6152	1,2,6
1787	529710	183640	20.5	0	0	1.6055	1,2,6
1788	529710	183640	20.5	0	0	1.5956	1,2,6
1789	529710	183640	20.5	0	0	1.5854	1,2,6
1790	529710	183640	20.5	0	0	1.5751	1,2,6
1791	529710	183640	20.5	0	0	1.5645	1,2,6
1792	529710	183630	20.5	0	0	1.5537	1,2,6
1793	529710	183630	20.5	0	0	1.5428	1,2,6
1794	529720	183630	20.5	0	0	1.5317	1,2,6
1795	529720	183630	20.5	0	0	1.5204	1,2,6
1796	529720	183630	20.5	0	0	1.509	1,2,6
1797	529720	183630	20.5	0	0	1.4975	1,2,6
1798	529720	183630	20.5	0	0	1.4858	1,2,6
1799	529720	183630	20.5	0	0	1.4741	1,2,6
1800	529720	183630	20.5	0	0	1.4622	1,2,6
1801	529720	183630	20.5	0	0	1.4502	1,2,6
1802	529720	183630	20.5	0	0	1.4382	1,2,6
1803	529720	183630	20.5	0	0	1.4261	1,2,6
1804	529720	183630	20.5	0	0	1.4139	1,2,6
1805	529720	183630	20.5	0	0	1.4017	1,2,6
1806	529720	183630	20.5	0	0	1.3894	1,2,6
1807	529720	183630	20.5	0	0	1.3771	1,2,6
1808	529720	183630	20.5	0	0	1.3647	1,2,6
1809	529720	183630	20.5	0	0	1.3523	1,2,6

1810	529720	183630	20.5	0	0	1.3399	1,2,6
1811	529720	183630	20.5	0	0	1.3275	1,2,6
1812	529720	183630	20.5	0	0	1.3151	1,2,6
1813	529710	183620	20.5	0	0	1.1856	1,2,6
1814	529710	183620	20.5	0	0	1.2047	1,2,6
1815	529710	183620	20.5	0	0	1.2229	1,2,6
1816	529710	183620	20.5	0	0	1.2403	1,2,6
1817	529710	183620	20.5	0	0	1.2565	1,2,6
1818	529710	183620	20.5	0	0	1.2717	1,2,6
1819	529710	183620	20.5	0	0	1.2857	1,2,6
1820	529710	183620	20.5	0	0	1.2984	1,2,6
1821	529710	183620	20.5	0	0	1.31	1,2,6
1822	529710	183620	20.5	0	0	1.3203	1,2,6
1823	529710	183620	20.5	0	0	1.3294	1,2,6
1824	529710	183620	20.5	0	0	1.3373	1,2,6
1825	529710	183620	20.5	0	0	1.3439	1,2,6
1826	529710	183620	20.5	0	0	1.3495	1,2,6
1827	529710	183620	20.5	0	0	1.3539	1,2,6
1828	529710	183620	20.5	0	0	1.3572	1,2,6
1829	529710	183620	20.5	0	0	1.3595	1,2,6
1830	529720	183620	20.5	0	0	1.3608	1,2,6
1831	529720	183620	20.5	0	0	1.3612	1,2,6
1832	529720	183620	20.5	0	0	1.3606	1,2,6
1833	529720	183620	20.5	0	0	1.3592	1,2,6
1834	529720	183620	20.5	0	0	1.357	1,2,6
1835	529720	183620	20.5	0	0	1.354	1,2,6
1836	529720	183620	20.5	0	0	1.3503	1,2,6
1837	529720	183630	20.5	0	0	1.3459	1,2,6
1838	529720	183630	20.5	0	0	1.3409	1,2,6
1839	529720	183630	20.5	0	0	1.3352	1,2,6
1840	529720	183630	20.5	0	0	1.329	1,2,6
1841	529720	183630	20.5	0	0	1.3223	1,2,6
1842	529720	183630	20.5	0	0	1.3151	1,2,6
1843	529710	183660	20.85	0	0	1.6614	1,2,6
1844	529710	183660	20.85	0	0	1.648	1,2,6
1845	529710	183660	20.85	0	0	1.6339	1,2,6
1846	529710	183660	20.85	0	0	1.6193	1,2,6
1847	529710	183660	20.85	0	0	1.6041	1,2,6
1848	529710	183660	20.85	0	0	1.5885	1,2,6
1849	529710	183660	20.85	0	0	1.5724	1,2,6
1850	529720	183660	20.85	0	0	1.5559	1,2,6
1851	529720	183660	20.85	0	0	1.5392	1,2,6
1852	529720	183660	20.85	0	0	1.5221	1,2,6
1853	529720	183660	20.85	0	0	1.5048	1,2,6
1854	529720	183660	20.85	0	0	1.4873	1,2,6
1855	529720	183660	20.85	0	0	1.4696	1,2,6
1856	529710	183660	20.85	0	0	1.6614	1,2,6
1857	529710	183660	20.85	0	0	1.6573	1,2,6
1858	529710	183660	20.85	0	0	1.6529	1,2,6
1859	529710	183660	20.85	0	0	1.6481	1,2,6
1860	529710	183660	20.85	0	0	1.6429	1,2,6
1861	529710	183660	20.85	0	0	1.6373	1,2,6
1862	529710	183660	20.85	0	0	1.6314	1,2,6
1863	529710	183650	20.85	0	0	1.6252	1,2,6
1864	529710	183650	20.85	0	0	1.6187	1,2,6
1865	529710	183650	20.85	0	0	1.6118	1,2,6
1866	529720	183650	20.85	0	0	1.6046	1,2,6
1867	529710	183650	20.85	0	0	1.6864	1,2,6
1868	529710	183650	20.85	0	0	1.6744	1,2,6
1869	529710	183650	20.85	0	0	1.6616	1,2,6
1870	529710	183650	20.85	0	0	1.6482	1,2,6
1871	529710	183650	20.85	0	0	1.6342	1,2,6
1872	529710	183650	20.85	0	0	1.6197	1,2,6
1873	529720	183650	20.85	0	0	1.6046	1,2,6
1874	529710	183650	20.85	0	0	1.6864	1,2,6
1875	529710	183650	20.85	0	0	1.6801	1,2,6
1876	529710	183650	20.85	0	0	1.6734	1,2,6
1877	529710	183650	20.85	0	0	1.6664	1,2,6
1878	529710	183650	20.85	0	0	1.659	1,2,6
1879	529710	183650	20.85	0	0	1.6513	1,2,6
1880	529710	183650	20.85	0	0	1.6433	1,2,6
1881	529710	183650	20.85	0	0	1.6349	1,2,6
1882	529710	183650	20.85	0	0	1.6263	1,2,6
1883	529720	183650	20.85	0	0	1.6175	1,2,6
1884	529720	183650	20.85	0	0	1.6083	1,2,6
1885	529720	183650	20.85	0	0	1.5989	1,2,6
1886	529720	183650	20.85	0	0	1.5893	1,2,6
1887	529720	183650	20.85	0	0	1.5795	1,2,6
1888	529720	183650	20.85	0	0	1.5695	1,2,6
1889	529720	183650	20.85	0	0	1.5592	1,2,6
1890	529710	183640	20.85	0	0	1.6869	1,2,6
1891	529710	183640	20.85	0	0	1.681	1,2,6
1892	529710	183640	20.85	0	0	1.674	1,2,6
1893	529710	183640	20.85	0	0	1.666	1,2,6
1894	529710	183640	20.85	0	0	1.657	1,2,6
1895	529710	183640	20.85	0	0	1.6472	1,2,6
1896	529710	183640	20.85	0	0	1.6366	1,2,6
1897	529710	183640	20.85	0	0	1.6252	1,2,6
1898	529720	183650	20.85	0	0	1.6132	1,2,6
1899	529720	183650	20.85	0	0	1.6005	1,2,6
1900	529720	183650	20.85	0	0	1.5872	1,2,6
1901	529720	183650	20.85	0	0	1.5734	1,2,6
1902	529720	183650	20.85	0	0	1.5592	1,2,6
1903	529710	183640	20.85	0	0	1.6869	1,2,6
1904	529710	183640	20.85	0	0	1.6792	1,2,6
1905	529710	183640	20.85	0	0	1.6711	1,2,6
1906	529710	183640	20.85	0	0	1.6628	1,2,6
1907	529710	183640	20.85	0	0	1.6541	1,2,6
1908	529710	183640	20.85	0	0	1.6451	1,2,6
1909	529710	183640	20.85	0	0	1.6359	1,2,6
1910	529710	183640	20.85	0	0	1.6264	1,2,6
1911	529710	183640	20.85	0	0	1.6166	1,2,6
1912	529710	183640	20.85	0	0	1.6066	1,2,6
1913	529710	183640	20.85	0	0	1.5964	1,2,6
1914	529710	183640	20.85	0	0	1.586	1,2,6
1915	529720	183640	20.85	0	0	1.5753	1,2,6
1916	529720	183640	20.85	0	0	1.5645	1,2,6
1917	529720	183640	20.85	0	0	1.5535	1,2,6
1918	529720	183640	20.85	0	0	1.5424	1,2,6
1919	529720	183640	20.85	0	0	1.5311	1,2,6
1920	529720	183640	20.85	0	0	1.5196	1,2,6
1921	529720	183640	20.85	0	0	1.508	1,2,6
1922	529720	183630	20.85	0	0	1.4964	1,2,6
1923	529720	183630	20.85	0	0	1.4846	1,2,6
1924	529720	183630	20.85	0	0	1.4727	1,2,6
1925	529720	183630	20.85	0	0	1.4607	1,2,6
1926	529720	183630	20.85	0	0	1.4486	1,2,6
1927	529720	183630	20.85	0	0	1.4364	1,2,6
1928	529720	183630	20.85	0	0	1.4242	1,2,6
1929	529720	183630	20.85	0	0	1.412	1,2,6
1930	529720	183630	20.85	0	0	1.3996	1,2,6
1931	529720	183630	20.85	0	0	1.3873	1,2,6

1932	529720	183630	20.85	0	0	1.3749	1,2,6
1933	529720	183630	20.85	0	0	1.3625	1,2,6
1934	529720	183630	20.85	0	0	1.35	1,2,6
1935	529720	183630	20.85	0	0	1.3376	1,2,6
1936	529720	183630	20.85	0	0	1.3251	1,2,6
1937	529720	183630	20.85	0	0	1.3127	1,2,6
1938	529720	183630	20.85	0	0	1.3002	1,2,6
1939	529720	183630	20.85	0	0	1.2878	1,2,6
1940	529720	183630	20.85	0	0	1.2753	1,2,6
1941	529720	183630	20.85	0	0	1.2753	1,2,6
1942	529720	183630	20.85	0	0	1.2658	1,2,6
1943	529720	183630	20.85	0	0	1.256	1,2,6
1944	529720	183630	20.85	0	0	1.2459	1,2,6
1945	529720	183630	20.85	0	0	1.2356	1,2,6
1946	529720	183630	20.85	0	0	1.2251	1,2,6
1947	529720	183630	20.85	0	0	1.2144	1,2,6
1948	529720	183630	20.85	0	0	1.2036	1,2,6
1949	529730	183630	20.85	0	0	1.1925	1,2,6
1950	529730	183630	20.85	0	0	1.1814	1,2,6
1951	529730	183630	20.85	0	0	1.1701	1,2,6
1952	529730	183630	20.85	0	0	1.1588	1,2,6
1953	529730	183630	20.85	0	0	1.1473	1,2,6
1954	529730	183630	20.85	0	0	1.1358	1,2,6
1955	529730	183630	20.85	0	0	1.1243	1,2,6
1956	529730	183630	20.85	0	0	1.1127	1,2,6
1957	529730	183630	20.85	0	0	1.1011	1,2,6
1958	529730	183630	20.85	0	0	1.0894	1,2,6
1959	529730	183630	20.85	0	0	1.0778	1,2,6
1960	529730	183630	20.85	0	0	1.0661	1,2,6
1961	529730	183630	20.85	0	0	1.0545	1,2,6
1962	529730	183630	20.85	0	0	1.0429	1,2,6
1963	529730	183630	20.85	0	0	1.0313	1,2,6
1964	529730	183630	20.85	0	0	1.0198	1,2,6
1965	529730	183630	20.85	0	0	1.0083	1,2,6
1966	529730	183630	20.85	0	0	0.99687	1,2,6
1967	529730	183630	20.85	0	0	0.98549	1,2,6
1968	529730	183630	20.85	0	0	0.97417	1,2,6
1969	529730	183640	20.85	0	0	0.96291	1,2,6
1970	529730	183640	20.85	0	0	0.95173	1,2,6
1971	529730	183640	20.85	0	0	0.94062	1,2,6
1972	529740	183640	20.85	0	0	0.92959	1,2,6
1973	529740	183640	20.85	0	0	0.91864	1,2,6
1974	529740	183640	20.85	0	0	0.90778	1,2,6
1975	529740	183640	20.85	0	0	0.89701	1,2,6
1976	529740	183640	20.85	0	0	0.88633	1,2,6
1977	529740	183640	20.85	0	0	0.87574	1,2,6
1978	529740	183640	20.85	0	0	0.86525	1,2,6
1979	529740	183640	20.85	0	0	0.85485	1,2,6
1980	529740	183640	20.85	0	0	0.84456	1,2,6
1981	529740	183640	20.85	0	0	0.83436	1,2,6
1982	529740	183640	20.85	0	0	0.82427	1,2,6
1983	529740	183640	20.85	0	0	0.81428	1,2,6
1984	529740	183640	20.85	0	0	0.8044	1,2,6
1985	529740	183640	20.85	0	0	0.79462	1,2,6
1986	529740	183640	20.85	0	0	0.78494	1,2,6
1987	529740	183640	20.85	0	0	0.77537	1,2,6
1988	529740	183640	20.85	0	0	0.76591	1,2,6
1989	529740	183640	20.85	0	0	0.75655	1,2,6
1990	529740	183640	20.85	0	0	0.7473	1,2,6
1991	529740	183640	20.85	0	0	0.73816	1,2,6
1992	529740	183640	20.85	0	0	0.72912	1,2,6
1993	529740	183640	20.85	0	0	0.72019	1,2,6
1994	529740	183640	20.85	0	0	0.71136	1,2,6
1995	529740	183640	20.85	0	0	0.70265	1,2,6
1996	529750	183640	20.85	0	0	0.69403	1,2,6
1997	529750	183640	20.85	0	0	0.69403	1,2,6
1998	529750	183640	20.85	0	0	0.69932	1,2,6
1999	529740	183640	20.85	0	0	0.70462	1,2,6
2000	529740	183640	20.85	0	0	0.70993	1,2,6
2001	529740	183640	20.85	0	0	0.71524	1,2,6
2002	529740	183640	20.85	0	0	0.72057	1,2,6
2003	529740	183650	20.85	0	0	0.7259	1,2,6
2004	529740	183650	20.85	0	0	0.73123	1,2,6
2005	529740	183650	20.85	0	0	0.73658	1,2,6
2006	529740	183650	20.85	0	0	0.74192	1,2,6
2007	529740	183650	20.85	0	0	0.74727	1,2,6
2008	529740	183650	20.85	0	0	0.75262	1,2,6
2009	529740	183650	20.85	0	0	0.75797	1,2,6
2010	529740	183650	20.85	0	0	0.76332	1,2,6
2011	529740	183650	20.85	0	0	0.76867	1,2,6
2012	529740	183650	20.85	0	0	0.77402	1,2,6
2013	529740	183650	20.85	0	0	0.77936	1,2,6
2014	529740	183650	20.85	0	0	0.7847	1,2,6
2015	529740	183650	20.85	0	0	0.79003	1,2,6
2016	529740	183650	20.85	0	0	0.79535	1,2,6
2017	529740	183650	20.85	0	0	0.80066	1,2,6
2018	529740	183650	20.85	0	0	0.80597	1,2,6
2019	529740	183650	20.85	0	0	0.81126	1,2,6
2020	529740	183650	20.85	0	0	0.81654	1,2,6
2021	529740	183650	20.85	0	0	0.8218	1,2,6
2022	529740	183650	20.85	0	0	0.82705	1,2,6
2023	529740	183650	20.85	0	0	0.83228	1,2,6
2024	529740	183650	20.85	0	0	0.8375	1,2,6
2025	529740	183650	20.85	0	0	0.84269	1,2,6
2026	529740	183650	20.85	0	0	0.84786	1,2,6
2027	529740	183660	20.85	0	0	0.85301	1,2,6
2028	529740	183660	20.85	0	0	0.85813	1,2,6
2029	529740	183660	20.85	0	0	0.86323	1,2,6
2030	529740	183660	20.85	0	0	0.8683	1,2,6
2031	529740	183660	20.85	0	0	0.87334	1,2,6
2032	529740	183660	20.85	0	0	0.87834	1,2,6
2033	529740	183660	20.85	0	0	0.88332	1,2,6
2034	529740	183660	20.85	0	0	0.88826	1,2,6
2035	529740	183660	20.85	0	0	0.89317	1,2,6
2036	529740	183660	20.85	0	0	0.89803	1,2,6
2037	529730	183660	20.85	0	0	0.90286	1,2,6
2038	529730	183660	20.85	0	0	0.90765	1,2,6
2039	529730	183660	20.85	0	0	0.91239	1,2,6
2040	529730	183660	20.85	0	0	0.91709	1,2,6
2041	529730	183660	20.85	0	0	0.92175	1,2,6
2042	529730	183660	20.85	0	0	0.92635	1,2,6
2043	529730	183660	20.85	0	0	0.93091	1,2,6
2044	529730	183660	20.85	0	0	0.93541	1,2,6
2045	529730	183660	20.85	0	0	0.93986	1,2,6
2046	529730	183660	20.85	0	0	0.94426	1,2,6
2047	529730	183660	20.85	0	0	0.9486	1,2,6
2048	529730	183660	20.85	0	0	0.95288	1,2,6
2049	529730	183660	20.85	0	0	0.9571	1,2,6
2050	529730	183670	20.85	0	0	0.96125	1,2,6
2051	529720	183660	20.85	0	0	1.4063	1,2,6
2052	529720	183660	20.85	0	0	1.3892	1,2,6
2053	529720	183660	20.85	0	0	1.372	1,2,6

2054	529720	183660	20.85	0	0	1.3548	1,2,6
2055	529720	183660	20.85	0	0	1.3377	1,2,6
2056	529720	183660	20.85	0	0	1.3205	1,2,6
2057	529720	183660	20.85	0	0	1.3035	1,2,6
2058	529720	183660	20.85	0	0	1.2865	1,2,6
2059	529720	183660	20.85	0	0	1.2696	1,2,6
2060	529720	183660	20.85	0	0	1.2528	1,2,6
2061	529720	183660	20.85	0	0	1.2361	1,2,6
2062	529720	183660	20.85	0	0	1.2196	1,2,6
2063	529720	183660	20.85	0	0	1.2031	1,2,6
2064	529730	183660	20.85	0	0	1.1868	1,2,6
2065	529730	183660	20.85	0	0	1.1706	1,2,6
2066	529730	183660	20.85	0	0	1.1546	1,2,6
2067	529730	183660	20.85	0	0	1.1387	1,2,6
2068	529730	183660	20.85	0	0	1.1229	1,2,6
2069	529730	183660	20.85	0	0	1.1074	1,2,6
2070	529730	183660	20.85	0	0	1.092	1,2,6
2071	529730	183660	20.85	0	0	1.0767	1,2,6
2072	529730	183660	20.85	0	0	1.0617	1,2,6
2073	529730	183660	20.85	0	0	1.0468	1,2,6
2074	529730	183660	20.85	0	0	1.0321	1,2,6
2075	529730	183660	20.85	0	0	1.0175	1,2,6
2076	529730	183660	20.85	0	0	1.0032	1,2,6
2077	529730	183660	20.85	0	0	0.98904	1,2,6
2078	529730	183660	20.85	0	0	0.97505	1,2,6
2079	529730	183670	20.85	0	0	0.96125	1,2,6
2080	529720	183660	20.85	0	0	1.4696	1,2,6
2081	529720	183660	20.85	0	0	1.4641	1,2,6
2082	529720	183660	20.85	0	0	1.4584	1,2,6
2083	529720	183660	20.85	0	0	1.4525	1,2,6
2084	529720	183660	20.85	0	0	1.4464	1,2,6
2085	529720	183660	20.85	0	0	1.4401	1,2,6
2086	529720	183660	20.85	0	0	1.4337	1,2,6
2087	529720	183660	20.85	0	0	1.4271	1,2,6
2088	529720	183660	20.85	0	0	1.4203	1,2,6
2089	529720	183660	20.85	0	0	1.4134	1,2,6
2090	529720	183660	20.85	0	0	1.4063	1,2,6
2091	529680	183690	20.85	0	0	1.8285	1,2,6
2092	529680	183690	20.85	0	0	1.5175	1,2,6
2093	529680	183690	20.85	0	0	1.3176	1,2,6
2094	529680	183690	20.85	0	0	1.1865	1,2,6
2095	529680	183690	20.85	0	0	1.1019	1,2,6
2096	529680	183690	20.85	0	0	1.0499	1,2,6
2097	529680	183690	20.85	0	0	1.0211	1,2,6
2098	529680	183690	20.85	0	0	1.0086	1,2,6
2099	529680	183690	20.85	0	0	1.0077	1,2,6
2100	529680	183690	20.85	0	0	1.0148	1,2,6
2101	529680	183690	20.85	0	0	1.0272	1,2,6
2102	529680	183700	20.85	0	0	1.0431	1,2,6
2103	529680	183700	20.85	0	0	1.061	1,2,6
2104	529680	183700	20.85	0	0	1.0799	1,2,6
2105	529680	183700	20.85	0	0	1.0989	1,2,6
2106	529690	183700	20.85	0	0	1.1175	1,2,6
2107	529690	183700	20.85	0	0	1.1353	1,2,6
2108	529690	183700	20.85	0	0	1.1519	1,2,6
2109	529690	183700	20.85	0	0	1.1672	1,2,6
2110	529690	183700	20.85	0	0	1.181	1,2,6
2111	529690	183700	20.85	0	0	1.1932	1,2,6
2112	529690	183700	20.85	0	0	1.2038	1,2,6
2113	529690	183700	20.85	0	0	1.2128	1,2,6
2114	529690	183700	20.85	0	0	1.2202	1,2,6
2115	529690	183700	20.85	0	0	1.2261	1,2,6
2116	529690	183700	20.85	0	0	1.2305	1,2,6
2117	529690	183700	20.85	0	0	1.2334	1,2,6
2118	529690	183700	20.85	0	0	1.235	1,2,6
2119	529690	183700	20.85	0	0	1.2353	1,2,6
2120	529690	183700	20.85	0	0	1.2343	1,2,6
2121	529690	183700	20.85	0	0	1.2322	1,2,6
2122	529690	183700	20.85	0	0	1.229	1,2,6
2123	529690	183700	20.85	0	0	1.2249	1,2,6
2124	529690	183700	20.85	0	0	1.2198	1,2,6
2125	529690	183700	20.85	0	0	1.2139	1,2,6
2126	529690	183700	20.85	0	0	1.2071	1,2,6
2127	529690	183700	20.85	0	0	1.1997	1,2,6
2128	529690	183700	20.85	0	0	1.1916	1,2,6
2129	529690	183700	20.85	0	0	1.1828	1,2,6
2130	529700	183700	20.85	0	0	1.1736	1,2,6
2131	529700	183700	20.85	0	0	1.1639	1,2,6
2132	529700	183700	20.85	0	0	1.1537	1,2,6
2133	529700	183700	20.85	0	0	1.1431	1,2,6
2134	529700	183700	20.85	0	0	1.1322	1,2,6
2135	529700	183700	20.85	0	0	1.1209	1,2,6
2136	529700	183700	20.85	0	0	1.1094	1,2,6
2137	529700	183700	20.85	0	0	1.0977	1,2,6
2138	529700	183700	20.85	0	0	1.0857	1,2,6
2139	529700	183710	20.85	0	0	1.0736	1,2,6
2140	529700	183710	20.85	0	0	1.0614	1,2,6
2141	529700	183710	20.85	0	0	1.0491	1,2,6
2142	529700	183710	20.85	0	0	1.0366	1,2,6
2143	529700	183710	20.85	0	0	1.0241	1,2,6
2144	529700	183710	20.85	0	0	1.0115	1,2,6
2145	529700	183710	20.85	0	0	0.99898	1,2,6
2146	529700	183710	20.85	0	0	0.9864	1,2,6
2147	529700	183710	20.85	0	0	0.97383	1,2,6
2148	529700	183710	20.85	0	0	0.96128	1,2,6
2149	529700	183710	20.85	0	0	0.94878	1,2,6
2150	529700	183710	20.85	0	0	0.93633	1,2,6
2151	529700	183710	20.85	0	0	0.92394	1,2,6
2152	529700	183710	20.85	0	0	0.91162	1,2,6
2153	529700	183710	20.85	0	0	0.89939	1,2,6
2154	529710	183710	20.85	0	0	0.88724	1,2,6
2155	529680	183690	20.85	0	0	1.8285	1,2,6
2156	529680	183690	20.85	0	0	1.5116	1,2,6
2157	529680	183690	20.85	0	0	1.2214	1,2,6
2158	529680	183690	20.85	0	0	0.95535	1,2,6
2159	529680	183690	20.85	0	0	0.71289	1,2,6
2160	529680	183690	20.85	0	0	0.49475	1,2,6
2161	529680	183690	20.85	0	0	0.30298	1,2,6
2162	529680	183690	20.85	0	0	0.14073	1,2,6
2163	529680	183690	20.85	0	0	0.01195	1,2,6
2164	529680	183690	20.85	0	0	-0.07891	1,2,6
2165	529680	183690	20.85	0	0	-0.12695	1,2,6
2166	529680	183690	20.85	0	0	-0.12638	1,2,6
2167	529680	183690	20.85	0	0	-0.06947	1,2,6
2168	529680	183690	20.85	0	0	0.05506	1,2,6
2169	529680	183690	20.85	0	0	0.26476	1,2,6
2170	529680	183690	20.85	0	0	0.58857	1,2,6
2171	529680	183680	20.85	0	0	1.0802	1,2,6
2172	529680	183680	20.85	0	0	1.0802	1,2,6
2173	529680	183690	20.85	0	0	1.1594	1,2,6
2174	529680	183690	20.85	0	0	1.223	1,2,6
2175	529680	183690	20.85	0	0	1.2719	1,2,6

2176	529680	183690	20.85	0	0	1.3078	1,2,6
2177	529680	183690	20.85	0	0	1.3324	1,2,6
2178	529690	183690	20.85	0	0	1.3477	1,2,6
2179	529690	183690	20.85	0	0	1.3551	1,2,6
2180	529690	183690	20.85	0	0	1.3564	1,2,6
2181	529690	183690	20.85	0	0	1.3528	1,2,6
2182	529690	183690	20.85	0	0	1.3459	1,2,6
2183	529690	183690	20.85	0	0	1.3368	1,2,6
2184	529690	183690	20.85	0	0	1.3268	1,2,6
2185	529690	183690	20.85	0	0	1.3167	1,2,6
2186	529690	183690	20.85	0	0	1.3074	1,2,6
2187	529690	183690	20.85	0	0	1.2994	1,2,6
2188	529690	183690	20.85	0	0	1.2931	1,2,6
2189	529690	183690	20.85	0	0	1.2885	1,2,6
2190	529690	183690	20.85	0	0	1.2858	1,2,6
2191	529690	183690	20.85	0	0	1.2858	1,2,6
2192	529690	183690	20.85	0	0	1.3231	1,2,6
2193	529690	183690	20.85	0	0	1.364	1,2,6
2194	529690	183690	20.85	0	0	1.4079	1,2,6
2195	529690	183690	20.85	0	0	1.4537	1,2,6
2196	529690	183690	20.85	0	0	1.5004	1,2,6
2197	529690	183690	20.85	0	0	1.5462	1,2,6
2198	529690	183690	20.85	0	0	1.589	1,2,6
2199	529690	183690	20.85	0	0	1.6265	1,2,6
2200	529690	183690	20.85	0	0	1.6568	1,2,6
2201	529690	183690	20.85	0	0	1.6786	1,2,6
2202	529690	183690	20.85	0	0	1.6914	1,2,6
2203	529690	183680	20.85	0	0	1.6957	1,2,6
2204	529690	183680	20.85	0	0	1.6926	1,2,6
2205	529690	183680	20.85	0	0	1.6834	1,2,6
2206	529690	183680	20.85	0	0	1.6697	1,2,6
2207	529690	183680	20.85	0	0	1.6527	1,2,6
2208	529690	183680	20.85	0	0	1.6336	1,2,6
2209	529700	183680	20.85	0	0	1.6134	1,2,6
2210	529700	183680	20.85	0	0	1.5928	1,2,6
2211	529700	183680	20.85	0	0	1.5726	1,2,6
2212	529700	183680	20.85	0	0	1.5533	1,2,6
2213	529700	183680	20.85	0	0	1.5351	1,2,6
2214	529700	183680	20.85	0	0	1.5184	1,2,6
2215	529700	183680	20.85	0	0	1.5035	1,2,6
2216	529700	183680	20.85	0	0	1.4903	1,2,6
2217	529700	183680	20.85	0	0	1.4791	1,2,6
2218	529700	183680	20.85	0	0	1.4697	1,2,6
2219	529700	183680	20.85	0	0	1.4623	1,2,6
2220	529700	183680	20.85	0	0	1.4567	1,2,6
2221	529700	183680	20.85	0	0	1.4529	1,2,6
2222	529700	183680	20.85	0	0	1.4507	1,2,6
2223	529700	183680	20.85	0	0	1.4502	1,2,6
2224	529700	183680	20.85	0	0	1.4511	1,2,6
2225	529700	183680	20.85	0	0	1.4534	1,2,6
2226	529700	183680	20.85	0	0	1.457	1,2,6
2227	529700	183670	20.85	0	0	1.4616	1,2,6
2228	529700	183670	20.85	0	0	1.4673	1,2,6
2229	529700	183670	20.85	0	0	1.4738	1,2,6
2230	529700	183670	20.85	0	0	1.4811	1,2,6
2231	529700	183670	20.85	0	0	1.489	1,2,6
2232	529700	183670	20.85	0	0	1.4974	1,2,6
2233	529700	183670	20.85	0	0	1.5062	1,2,6
2234	529700	183670	20.85	0	0	1.5154	1,2,6
2235	529700	183670	20.85	0	0	1.5247	1,2,6
2236	529700	183670	20.85	0	0	1.5342	1,2,6
2237	529700	183670	20.85	0	0	1.5438	1,2,6
2238	529700	183670	20.85	0	0	1.5534	1,2,6
2239	529700	183670	20.85	0	0	1.5629	1,2,6
2240	529700	183670	20.85	0	0	1.5722	1,2,6
2241	529700	183670	20.85	0	0	1.5813	1,2,6
2242	529700	183660	20.85	0	0	1.4201	1,2,6
2243	529700	183660	20.85	0	0	1.4151	1,2,6
2244	529700	183670	20.85	0	0	1.417	1,2,6
2245	529700	183670	20.85	0	0	1.424	1,2,6
2246	529700	183670	20.85	0	0	1.4346	1,2,6
2247	529700	183670	20.85	0	0	1.4474	1,2,6
2248	529700	183670	20.85	0	0	1.4617	1,2,6
2249	529700	183670	20.85	0	0	1.4766	1,2,6
2250	529700	183670	20.85	0	0	1.4915	1,2,6
2251	529700	183670	20.85	0	0	1.5061	1,2,6
2252	529700	183670	20.85	0	0	1.52	1,2,6
2253	529700	183670	20.85	0	0	1.5328	1,2,6
2254	529700	183670	20.85	0	0	1.5445	1,2,6
2255	529700	183670	20.85	0	0	1.5548	1,2,6
2256	529700	183670	20.85	0	0	1.5637	1,2,6
2257	529700	183670	20.85	0	0	1.5711	1,2,6
2258	529700	183670	20.85	0	0	1.577	1,2,6
2259	529700	183670	20.85	0	0	1.5813	1,2,6
2260	529700	183660	20.85	0	0	1.4201	1,2,6
2261	529700	183660	20.85	0	0	1.4268	1,2,6
2262	529700	183660	20.85	0	0	1.4346	1,2,6
2263	529700	183660	20.85	0	0	1.4433	1,2,6
2264	529700	183660	20.85	0	0	1.4528	1,2,6
2265	529700	183660	20.85	0	0	1.4631	1,2,6
2266	529700	183660	20.85	0	0	1.474	1,2,6
2267	529700	183660	20.85	0	0	1.4855	1,2,6
2268	529700	183660	20.85	0	0	1.4974	1,2,6
2269	529700	183660	20.85	0	0	1.5097	1,2,6
2270	529700	183660	20.85	0	0	1.5223	1,2,6
2271	529700	183660	20.85	0	0	1.535	1,2,6
2272	529700	183660	20.85	0	0	1.5479	1,2,6
2273	529700	183660	20.85	0	0	1.5607	1,2,6
2274	529700	183660	20.85	0	0	1.5735	1,2,6
2275	529700	183660	20.85	0	0	1.5861	1,2,6
2276	529700	183660	20.85	0	0	1.5986	1,2,6
2277	529700	183660	20.85	0	0	1.6108	1,2,6
2278	529700	183660	20.85	0	0	1.6226	1,2,6
2279	529700	183660	20.85	0	0	1.6341	1,2,6
2280	529700	183660	20.85	0	0	1.6341	1,2,6
2281	529700	183660	20.85	0	0	1.6474	1,2,6
2282	529700	183660	20.85	0	0	1.6598	1,2,6
2283	529700	183660	20.85	0	0	1.671	1,2,6
2284	529700	183660	20.85	0	0	1.6809	1,2,6
2285	529700	183660	20.85	0	0	1.6894	1,2,6
2286	529700	183660	20.85	0	0	1.6965	1,2,6
2287	529710	183660	20.85	0	0	1.7021	1,2,6
2288	529710	183660	20.85	0	0	1.7061	1,2,6
2289	529710	183660	20.85	0	0	1.7087	1,2,6
2290	529710	183660	20.85	0	0	1.7097	1,2,6
2291	529710	183660	20.85	0	0	1.7093	1,2,6
2292	529710	183660	20.85	0	0	1.7075	1,2,6
2293	529710	183660	20.85	0	0	1.7043	1,2,6
2294	529710	183660	20.85	0	0	1.6999	1,2,6
2295	529710	183660	20.85	0	0	1.6942	1,2,6
2296	529710	183660	20.85	0	0	1.6873	1,2,6
2297	529710	183660	20.85	0	0	1.6794	1,2,6

2298	529710	183660	20.85	0	0	1.6704	1,2,6
2299	529710	183660	20.85	0	0	1.6605	1,2,6
2300	529710	183660	20.85	0	0	1.6496	1,2,6
2301	529710	183660	20.85	0	0	1.638	1,2,6
2302	529710	183660	20.85	0	0	1.6256	1,2,6
2303	529710	183660	20.85	0	0	1.6125	1,2,6
2304	529710	183660	20.85	0	0	1.5987	1,2,6
2305	529710	183660	20.85	0	0	1.5844	1,2,6
2306	529710	183660	20.85	0	0	1.5695	1,2,6
2307	529710	183660	20.85	0	0	1.5542	1,2,6
2308	529710	183660	20.85	0	0	1.5385	1,2,6
2309	529710	183660	20.85	0	0	1.5224	1,2,6
2310	529710	183670	20.85	0	0	1.506	1,2,6
2311	529720	183670	20.85	0	0	1.4892	1,2,6
2312	529720	183670	20.85	0	0	1.4723	1,2,6
2313	529720	183670	20.85	0	0	1.4552	1,2,6
2314	529720	183670	20.85	0	0	1.4378	1,2,6
2315	529720	183670	20.85	0	0	1.4204	1,2,6
2316	529720	183670	20.85	0	0	1.4028	1,2,6
2317	529720	183670	20.85	0	0	1.3852	1,2,6
2318	529720	183670	20.85	0	0	1.3676	1,2,6
2319	529720	183670	20.85	0	0	1.3498	1,2,6
2320	529720	183670	20.85	0	0	1.3321	1,2,6
2321	529720	183670	20.85	0	0	1.3145	1,2,6
2322	529720	183670	20.85	0	0	1.2969	1,2,6
2323	529720	183670	20.85	0	0	1.2793	1,2,6
2324	529720	183670	20.85	0	0	1.2618	1,2,6
2325	529720	183670	20.85	0	0	1.2444	1,2,6
2326	529720	183670	20.85	0	0	1.2271	1,2,6
2327	529720	183670	20.85	0	0	1.2099	1,2,6
2328	529720	183670	20.85	0	0	1.1928	1,2,6
2329	529720	183670	20.85	0	0	1.1759	1,2,6
2330	529720	183670	20.85	0	0	1.1591	1,2,6
2331	529720	183670	20.85	0	0	1.1425	1,2,6
2332	529720	183670	20.85	0	0	1.126	1,2,6
2333	529720	183670	20.85	0	0	1.1097	1,2,6
2334	529720	183670	20.85	0	0	1.0936	1,2,6
2335	529730	183670	20.85	0	0	1.0777	1,2,6
2336	529730	183670	20.85	0	0	1.0619	1,2,6
2337	529730	183670	20.85	0	0	1.0464	1,2,6
2338	529730	183670	20.85	0	0	1.031	1,2,6
2339	529730	183670	20.85	0	0	1.0159	1,2,6
2340	529730	183670	20.85	0	0	1.0009	1,2,6
2341	529710	183710	20.85	0	0	0.88724	1,2,6
2342	529710	183710	20.85	0	0	0.89185	1,2,6
2343	529710	183710	20.85	0	0	0.89639	1,2,6
2344	529710	183710	20.85	0	0	0.90088	1,2,6
2345	529710	183710	20.85	0	0	0.90531	1,2,6
2346	529710	183710	20.85	0	0	0.90968	1,2,6
2347	529710	183710	20.85	0	0	0.914	1,2,6
2348	529710	183710	20.85	0	0	0.91825	1,2,6
2349	529710	183710	20.85	0	0	0.92243	1,2,6
2350	529710	183710	20.85	0	0	0.92656	1,2,6
2351	529710	183710	20.85	0	0	0.93062	1,2,6
2352	529710	183700	20.85	0	0	0.93462	1,2,6
2353	529710	183700	20.85	0	0	0.93855	1,2,6
2354	529710	183700	20.85	0	0	0.94242	1,2,6
2355	529710	183700	20.85	0	0	0.94622	1,2,6
2356	529710	183700	20.85	0	0	0.94996	1,2,6
2357	529710	183700	20.85	0	0	0.95362	1,2,6
2358	529710	183700	20.85	0	0	0.95722	1,2,6
2359	529710	183700	20.85	0	0	0.96075	1,2,6
2360	529710	183700	20.85	0	0	0.9642	1,2,6
2361	529710	183700	20.85	0	0	0.96759	1,2,6
2362	529710	183700	20.85	0	0	0.9709	1,2,6
2363	529710	183700	20.85	0	0	0.97415	1,2,6
2364	529710	183700	20.85	0	0	0.97732	1,2,6
2365	529710	183700	20.85	0	0	0.98042	1,2,6
2366	529710	183700	20.85	0	0	0.98344	1,2,6
2367	529710	183700	20.85	0	0	0.98639	1,2,6
2368	529710	183700	20.85	0	0	0.98926	1,2,6
2369	529710	183700	20.85	0	0	0.99206	1,2,6
2370	529710	183700	20.85	0	0	0.99478	1,2,6
2371	529710	183700	20.85	0	0	0.99742	1,2,6
2372	529710	183700	20.85	0	0	0.99998	1,2,6
2373	529710	183700	20.85	0	0	1.0025	1,2,6
2374	529710	183700	20.85	0	0	1.0049	1,2,6
2375	529710	183700	20.85	0	0	1.0072	1,2,6
2376	529710	183690	20.85	0	0	1.0094	1,2,6
2377	529710	183690	20.85	0	0	1.0116	1,2,6
2378	529710	183690	20.85	0	0	1.0137	1,2,6
2379	529720	183690	20.85	0	0	1.0156	1,2,6
2380	529720	183690	20.85	0	0	1.0176	1,2,6
2381	529720	183690	20.85	0	0	1.0194	1,2,6
2382	529720	183690	20.85	0	0	1.0211	1,2,6
2383	529720	183690	20.85	0	0	1.0228	1,2,6
2384	529720	183690	20.85	0	0	1.0243	1,2,6
2385	529720	183690	20.85	0	0	1.0258	1,2,6
2386	529720	183690	20.85	0	0	1.0271	1,2,6
2387	529720	183690	20.85	0	0	1.0284	1,2,6
2388	529720	183690	20.85	0	0	1.0296	1,2,6
2389	529720	183690	20.85	0	0	1.0307	1,2,6
2390	529720	183690	20.85	0	0	1.0317	1,2,6
2391	529720	183690	20.85	0	0	1.0326	1,2,6
2392	529720	183690	20.85	0	0	1.0334	1,2,6
2393	529720	183690	20.85	0	0	1.0341	1,2,6
2394	529720	183690	20.85	0	0	1.0347	1,2,6
2395	529720	183690	20.85	0	0	1.0352	1,2,6
2396	529720	183690	20.85	0	0	1.0356	1,2,6
2397	529720	183690	20.85	0	0	1.036	1,2,6
2398	529720	183690	20.85	0	0	1.0362	1,2,6
2399	529720	183680	20.85	0	0	1.0363	1,2,6
2400	529720	183680	20.85	0	0	1.0363	1,2,6
2401	529720	183680	20.85	0	0	1.0362	1,2,6
2402	529720	183680	20.85	0	0	1.036	1,2,6
2403	529720	183680	20.85	0	0	1.0357	1,2,6
2404	529720	183680	20.85	0	0	1.0353	1,2,6
2405	529720	183680	20.85	0	0	1.0348	1,2,6
2406	529720	183680	20.85	0	0	1.0342	1,2,6
2407	529720	183680	20.85	0	0	1.0335	1,2,6
2408	529720	183680	20.85	0	0	1.0327	1,2,6
2409	529720	183680	20.85	0	0	1.0318	1,2,6
2410	529720	183680	20.85	0	0	1.0307	1,2,6
2411	529720	183680	20.85	0	0	1.0296	1,2,6
2412	529720	183680	20.85	0	0	1.0284	1,2,6
2413	529720	183680	20.85	0	0	1.0271	1,2,6
2414	529720	183680	20.85	0	0	1.0256	1,2,6
2415	529720	183680	20.85	0	0	1.0241	1,2,6
2416	529720	183680	20.85	0	0	1.0225	1,2,6
2417	529720	183680	20.85	0	0	1.0208	1,2,6
2418	529730	183680	20.85	0	0	1.0189	1,2,6
2419	529730	183680	20.85	0	0	1.017	1,2,6

2420	529730	183680	20.85	0	0	1.015	1,2,6
2421	529730	183680	20.85	0	0	1.0129	1,2,6
2422	529730	183680	20.85	0	0	1.0107	1,2,6
2423	529730	183670	20.85	0	0	1.0084	1,2,6
2424	529730	183670	20.85	0	0	1.006	1,2,6
2425	529730	183670	20.85	0	0	1.0035	1,2,6
2426	529730	183670	20.85	0	0	1.0009	1,2,6
2427	529740	183700	1.9	0	0	0.17502	6
2428	529740	183700	1.9	0	0	0.1735	6
2429	529740	183700	1.9	0	0	0.17197	6
2430	529740	183700	1.9	0	0	0.17043	6
2431	529740	183700	1.9	0	0	0.16889	6
2432	529740	183700	1.9	0	0	0.16734	6
2433	529740	183700	1.9	0	0	0.16579	6
2434	529740	183700	1.9	0	0	0.16423	6
2435	529740	183700	1.9	0	0	0.16268	6
2436	529740	183700	1.9	0	0	0.16113	6
2437	529740	183700	1.9	0	0	0.15958	6
2438	529740	183700	1.9	0	0	0.15803	6
2439	529740	183700	1.9	0	0	0.15648	6
2440	529740	183700	1.9	0	0	0.15494	6
2441	529740	183700	1.9	0	0	0.15341	6
2442	529740	183700	1.9	0	0	0.15188	6
2443	529740	183700	1.9	0	0	0.15036	6
2444	529740	183700	1.9	0	0	0.14885	6
2445	529750	183700	1.9	0	0	0.14735	6
2446	529750	183700	1.9	0	0	0.14585	6
2447	529750	183700	1.9	0	0	0.14437	6
2448	529750	183700	1.9	0	0	0.14289	6
2449	529750	183700	1.9	0	0	0.14143	6
2450	529750	183700	1.9	0	0	0.13997	6
2451	529750	183700	1.9	0	0	0.13853	6
2452	529750	183700	1.9	0	0	0.1371	6
2453	529750	183700	1.9	0	0	0.13567	6
2454	529750	183700	1.9	0	0	0.13427	6
2455	529750	183700	1.9	0	0	0.13287	6
2456	529750	183700	1.9	0	0	0.13149	6
2457	529750	183700	1.9	0	0	0.13011	6
2458	529750	183700	1.9	0	0	0.12875	6
2459	529750	183700	1.9	0	0	0.12741	6
2460	529750	183700	1.9	0	0	0.12608	6
2461	529750	183700	1.9	0	0	0.12475	6
2462	529750	183700	1.9	0	0	0.12345	6
2463	529750	183700	1.9	0	0	0.12215	6
2464	529750	183700	1.9	0	0	0.12087	6
2465	529750	183710	1.9	0	0	0.1196	6
2466	529740	183700	1.9	0	0	0.17502	6
2467	529740	183700	1.9	0	0	0.17501	6
2468	529740	183690	1.9	0	0	0.17499	6
2469	529740	183690	1.9	0	0	0.17496	6
2470	529740	183690	1.9	0	0	0.17493	6
2471	529740	183690	1.9	0	0	0.17488	6
2472	529740	183690	1.9	0	0	0.17482	6
2473	529740	183690	1.9	0	0	0.17475	6
2474	529740	183690	1.9	0	0	0.17468	6
2475	529740	183690	1.9	0	0	0.17459	6
2476	529740	183690	1.9	0	0	0.17449	6
2477	529740	183690	1.9	0	0	0.17439	6
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2480	529740	183690	1.9	0	0	0.174	6
2481	529740	183690	1.9	0	0	0.17386	6
2482	529740	183690	1.9	0	0	0.1737	6
2483	529740	183690	1.9	0	0	0.17353	6
2484	529740	183690	1.9	0	0	0.17335	6
2485	529740	183690	1.9	0	0	0.17317	6
2486	529740	183690	1.9	0	0	0.17297	6
2487	529740	183690	1.9	0	0	0.17276	6
2488	529740	183690	1.9	0	0	0.17254	6
2489	529740	183690	1.9	0	0	0.17231	6
2490	529740	183690	1.9	0	0	0.17207	6
2491	529740	183690	1.9	0	0	0.17182	6
2492	529740	183680	1.9	0	0	0.17156	6
2493	529740	183680	1.9	0	0	0.17129	6
2494	529740	183680	1.9	0	0	0.17101	6
2495	529750	183680	1.9	0	0	0.17072	6
2496	529750	183680	1.9	0	0	0.17041	6
2497	529750	183680	1.9	0	0	0.1701	6
2498	529750	183680	1.9	0	0	0.16978	6
2499	529750	183680	1.9	0	0	0.16945	6
2500	529750	183680	1.9	0	0	0.16911	6
2501	529750	183680	1.9	0	0	0.16876	6
2502	529750	183680	1.9	0	0	0.1684	6
2503	529750	183680	1.9	0	0	0.16803	6
2504	529750	183680	1.9	0	0	0.16765	6
2505	529750	183680	1.9	0	0	0.16726	6
2506	529750	183680	1.9	0	0	0.16686	6
2507	529750	183680	1.9	0	0	0.16645	6
2508	529750	183680	1.9	0	0	0.16603	6
2509	529750	183680	1.9	0	0	0.1656	6
2510	529750	183680	1.9	0	0	0.16517	6
2511	529750	183680	1.9	0	0	0.16472	6
2512	529750	183680	1.9	0	0	0.16427	6
2513	529750	183680	1.9	0	0	0.16381	6
2514	529750	183680	1.9	0	0	0.16334	6
2515	529750	183680	1.9	0	0	0.16286	6
2516	529750	183670	1.9	0	0	0.16237	6
2517	529750	183670	1.9	0	0	0.16187	6
2518	529750	183670	1.9	0	0	0.16137	6
2519	529750	183670	1.9	0	0	0.16085	6
2520	529750	183670	1.9	0	0	0.16033	6
2521	529750	183670	1.9	0	0	0.15981	6
2522	529750	183670	1.9	0	0	0.15927	6
2523	529750	183670	1.9	0	0	0.15873	6
2524	529750	183670	1.9	0	0	0.15818	6
2525	529750	183670	1.9	0	0	0.15762	6
2526	529750	183670	1.9	0	0	0.15706	6
2527	529750	183670	1.9	0	0	0.15649	6
2528	529750	183670	1.9	0	0	0.15591	6
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2532	529760	183670	1.9	0	0	0.15353	6
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2535	529760	183670	1.9	0	0	0.15169	6
2536	529760	183670	1.9	0	0	0.15106	6
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2538	529760	183670	1.9	0	0	0.1498	6
2539	529760	183670	1.9	0	0	0.14916	6
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2543	529760	183660	1.9	0	0	0.14655	6
2544	529760	183660	1.9	0	0	0.14588	6
2545	529760	183660	1.9	0	0	0.14521	6
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2547	529760	183660	1.9	0	0	0.14387	6
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2549	529760	183660	1.9	0	0	0.14251	6
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2551	529760	183660	1.9	0	0	0.14114	6
2552	529760	183660	1.9	0	0	0.14044	6
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2556	529760	183660	1.9	0	0	0.13765	6
2557	529760	183660	1.9	0	0	0.13695	6
2558	529760	183660	1.9	0	0	0.13624	6
2559	529760	183660	1.9	0	0	0.13554	6
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2561	529760	183660	1.9	0	0	0.13412	6
2562	529760	183660	1.9	0	0	0.1334	6
2563	529760	183660	1.9	0	0	0.13269	6
2564	529760	183650	1.9	0	0	0.13197	6
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2567	529760	183650	1.9	0	0	0.12982	6
2568	529760	183650	1.9	0	0	0.1291	6
2569	529770	183650	1.9	0	0	0.12838	6
2570	529770	183650	1.9	0	0	0.12766	6
2571	529770	183650	1.9	0	0	0.12694	6
2572	529770	183650	1.9	0	0	0.12622	6
2573	529770	183650	1.9	0	0	0.1255	6
2574	529770	183650	1.9	0	0	0.12478	6
2575	529770	183650	1.9	0	0	0.12406	6
2576	529770	183650	1.9	0	0	0.12334	6
2577	529770	183650	1.9	0	0	0.12262	6
2578	529770	183650	1.9	0	0	0.1219	6
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2580	529770	183650	1.9	0	0	0.12046	6
2581	529770	183650	1.9	0	0	0.11974	6
2582	529770	183650	1.9	0	0	0.11902	6
2583	529770	183650	1.9	0	0	0.11831	6
2584	529770	183650	1.9	0	0	0.11759	6
2585	529770	183650	1.9	0	0	0.11688	6
2586	529770	183650	1.9	0	0	0.11616	6
2587	529770	183640	1.9	0	0	0.11545	6
2588	529770	183640	1.9	0	0	0.11474	6
2589	529770	183640	1.9	0	0	0.11403	6
2590	529770	183640	1.9	0	0	0.11332	6
2591	529770	183640	1.9	0	0	0.11262	6
2592	529770	183640	1.9	0	0	0.11191	6
2593	529770	183640	1.9	0	0	0.11121	6
2594	529770	183640	1.9	0	0	0.11051	6
2595	529770	183640	1.9	0	0	0.10981	6
2596	529770	183640	1.9	0	0	0.10911	6
2597	529770	183640	1.9	0	0	0.10841	6
2598	529770	183640	1.9	0	0	0.10772	6
2599	529770	183640	1.9	0	0	0.10703	6
2600	529770	183640	1.9	0	0	0.10634	6
2601	529770	183640	1.9	0	0	0.10565	6
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2603	529770	183640	1.9	0	0	0.10429	6
2604	529770	183640	1.9	0	0	0.10361	6
2605	529780	183640	1.9	0	0	0.10293	6
2606	529780	183640	1.9	0	0	0.10225	6
2607	529780	183640	1.9	0	0	0.10158	6
2608	529780	183640	1.9	0	0	0.10091	6
2609	529780	183640	1.9	0	0	0.10024	6
2610	529780	183640	1.9	0	0	0.09958	6
2611	529780	183630	1.9	0	0	0.09892	6
2612	529780	183630	1.9	0	0	0.09826	6
2613	529780	183630	1.9	0	0	0.0976	6
2614	529780	183630	1.9	0	0	0.09695	6
2615	529780	183630	1.9	0	0	0.0963	6
2616	529780	183630	1.9	0	0	0.09565	6
2617	529780	183630	1.9	0	0	0.095	6
2618	529780	183630	1.9	0	0	0.09436	6
2619	529780	183630	1.9	0	0	0.09372	6
2620	529780	183630	1.9	0	0	0.09309	6
2621	529780	183630	1.9	0	0	0.09246	6
2622	529780	183630	1.9	0	0	0.09183	6
2623	529780	183630	1.9	0	0	0.0912	6
2624	529780	183630	1.9	0	0	0.09058	6
2625	529780	183630	1.9	0	0	0.08996	6
2626	529780	183630	1.9	0	0	0.08934	6
2627	529780	183630	1.9	0	0	0.08873	6
2628	529780	183630	1.9	0	0	0.08812	6
2629	529780	183630	1.9	0	0	0.08812	6
2630	529780	183630	1.9	0	0	0.08748	6
2631	529780	183630	1.9	0	0	0.08684	6
2632	529780	183630	1.9	0	0	0.08621	6
2633	529780	183630	1.9	0	0	0.08557	6
2634	529780	183630	1.9	0	0	0.08495	6
2635	529780	183630	1.9	0	0	0.08432	6
2636	529780	183630	1.9	0	0	0.0837	6
2637	529780	183630	1.9	0	0	0.08308	6
2638	529790	183630	1.9	0	0	0.08247	6
2639	529790	183630	1.9	0	0	0.08186	6
2640	529790	183630	1.9	0	0	0.08125	6
2641	529790	183630	1.9	0	0	0.08064	6
2642	529790	183630	1.9	0	0	0.08004	6
2643	529790	183630	1.9	0	0	0.07945	6
2644	529790	183630	1.9	0	0	0.07885	6
2645	529790	183630	1.9	0	0	0.07826	6
2646	529790	183630	1.9	0	0	0.07767	6
2647	529790	183630	1.9	0	0	0.07709	6
2648	529790	183630	1.9	0	0	0.07651	6
2649	529790	183630	1.9	0	0	0.07594	6
2650	529790	183630	1.9	0	0	0.07536	6
2651	529790	183630	1.9	0	0	0.0748	6
2652	529790	183630	1.9	0	0	0.07423	6
2653	529790	183630	1.9	0	0	0.07367	6
2654	529790	183630	1.9	0	0	0.07311	6
2655	529790	183630	1.9	0	0	0.07256	6
2656	529790	183630	1.9	0	0	0.07201	6
2657	529790	183630	1.9	0	0	0.07146	6
2658	529790	183640	1.9	0	0	0.07092	6
2659	529790	183640	1.9	0	0	0.07038	6
2660	529790	183640	1.9	0	0	0.06985	6
2661	529800	183640	1.9	0	0	0.06932	6
2662	529800	183640	1.9	0	0	0.06879	6
2663	529800	183640	1.9	0	0	0.06827	6

2664	529800	183640	1.9	0	0	0.06775	6
2665	529800	183640	1.9	0	0	0.06723	6
2666	529800	183640	1.9	0	0	0.06672	6
2667	529800	183640	1.9	0	0	0.06621	6
2668	529800	183640	1.9	0	0	0.06571	6
2669	529800	183640	1.9	0	0	0.06521	6
2670	529800	183640	1.9	0	0	0.06471	6
2671	529800	183640	1.9	0	0	0.06422	6
2672	529800	183640	1.9	0	0	0.06373	6
2673	529800	183640	1.9	0	0	0.06324	6
2674	529800	183640	1.9	0	0	0.06276	6
2675	529800	183640	1.9	0	0	0.06228	6
2676	529800	183640	1.9	0	0	0.06181	6
2677	529800	183640	1.9	0	0	0.06134	6
2678	529800	183640	1.9	0	0	0.06087	6
2679	529800	183640	1.9	0	0	0.06041	6
2680	529800	183640	1.9	0	0	0.05995	6
2681	529800	183640	1.9	0	0	0.05949	6
2682	529800	183640	1.9	0	0	0.05904	6
2683	529800	183640	1.9	0	0	0.05859	6
2684	529810	183640	1.9	0	0	0.05815	6
2685	529810	183640	1.9	0	0	0.05771	6
2686	529810	183640	1.9	0	0	0.05727	6
2687	529810	183640	1.9	0	0	0.05683	6
2688	529810	183640	1.9	0	0	0.0564	6
2689	529670	183760	18.5	0	0	0.35742	1,2,6
2690	529670	183760	18.5	0	0	0.36104	1,2,6
2691	529670	183750	18.5	0	0	0.3647	1,2,6
2692	529670	183750	18.5	0	0	0.3684	1,2,6
2693	529670	183750	18.5	0	0	0.37215	1,2,6
2694	529670	183750	18.5	0	0	0.37593	1,2,6
2695	529670	183750	18.5	0	0	0.37975	1,2,6
2696	529670	183750	18.5	0	0	0.38362	1,2,6
2697	529670	183750	18.5	0	0	0.38752	1,2,6
2698	529670	183750	18.5	0	0	0.39147	1,2,6
2699	529670	183750	18.5	0	0	0.39546	1,2,6
2700	529670	183750	18.5	0	0	0.39949	1,2,6
2701	529670	183750	18.5	0	0	0.40356	1,2,6
2702	529670	183750	18.5	0	0	0.40768	1,2,6
2703	529670	183750	18.5	0	0	0.41184	1,2,6
2704	529670	183750	18.5	0	0	0.41604	1,2,6
2705	529670	183750	18.5	0	0	0.42029	1,2,6
2706	529670	183750	18.5	0	0	0.42457	1,2,6
2707	529670	183750	18.5	0	0	0.42891	1,2,6
2708	529680	183750	18.5	0	0	0.43328	1,2,6
2709	529680	183750	18.5	0	0	0.4377	1,2,6
2710	529680	183750	18.5	0	0	0.44217	1,2,6
2711	529680	183750	18.5	0	0	0.44668	1,2,6
2712	529680	183750	18.5	0	0	0.45123	1,2,6
2713	529680	183750	18.5	0	0	0.45583	1,2,6
2714	529680	183750	18.5	0	0	0.46047	1,2,6
2715	529680	183740	18.5	0	0	0.46515	1,2,6
2716	529680	183740	18.5	0	0	0.46988	1,2,6
2717	529680	183740	18.5	0	0	0.47466	1,2,6
2718	529680	183740	18.5	0	0	0.47948	1,2,6
2719	529680	183740	18.5	0	0	0.48434	1,2,6
2720	529680	183740	18.5	0	0	0.48925	1,2,6
2721	529680	183740	18.5	0	0	0.4942	1,2,6
2722	529680	183740	18.5	0	0	0.49919	1,2,6
2723	529680	183740	18.5	0	0	0.50423	1,2,6
2724	529680	183740	18.5	0	0	0.50932	1,2,6
2725	529680	183740	18.5	0	0	0.51444	1,2,6
2726	529680	183740	18.5	0	0	0.51961	1,2,6
2727	529680	183740	18.5	0	0	0.52482	1,2,6
2728	529680	183740	18.5	0	0	0.53008	1,2,6
2729	529680	183740	18.5	0	0	0.53537	1,2,6
2730	529680	183740	18.5	0	0	0.54071	1,2,6
2731	529680	183740	18.5	0	0	0.54609	1,2,6
2732	529680	183740	18.5	0	0	0.55151	1,2,6
2733	529680	183740	18.5	0	0	0.55697	1,2,6
2734	529680	183740	18.5	0	0	0.56247	1,2,6
2735	529680	183740	18.5	0	0	0.56801	1,2,6
2736	529680	183740	18.5	0	0	0.57359	1,2,6
2737	529680	183740	18.5	0	0	0.5792	1,2,6
2738	529680	183740	18.5	0	0	0.58486	1,2,6
2739	529680	183730	18.5	0	0	0.59054	1,2,6
2740	529680	183730	18.5	0	0	0.59627	1,2,6
2741	529680	183730	18.5	0	0	0.60203	1,2,6
2742	529680	183730	18.5	0	0	0.60782	1,2,6
2743	529680	183730	18.5	0	0	0.61365	1,2,6
2744	529690	183730	18.5	0	0	0.6195	1,2,6
2745	529690	183730	18.5	0	0	0.62539	1,2,6
2746	529690	183730	18.5	0	0	0.63131	1,2,6
2747	529690	183730	18.5	0	0	0.63725	1,2,6
2748	529690	183730	18.5	0	0	0.64322	1,2,6
2749	529690	183730	18.5	0	0	0.64922	1,2,6
2750	529690	183730	18.5	0	0	0.65525	1,2,6
2751	529690	183730	18.5	0	0	0.66129	1,2,6
2752	529690	183730	18.5	0	0	0.66736	1,2,6
2753	529690	183730	18.5	0	0	0.67345	1,2,6
2754	529690	183730	18.5	0	0	0.67956	1,2,6
2755	529690	183730	18.5	0	0	0.68568	1,2,6
2756	529690	183730	18.5	0	0	0.69183	1,2,6
2757	529690	183730	18.5	0	0	0.69798	1,2,6
2758	529690	183730	18.5	0	0	0.70415	1,2,6
2759	529690	183730	18.5	0	0	0.71033	1,2,6
2760	529690	183730	18.5	0	0	0.71652	1,2,6
2761	529690	183730	18.5	0	0	0.72271	1,2,6
2762	529690	183730	18.5	0	0	0.72891	1,2,6
2763	529690	183720	18.5	0	0	0.73512	1,2,6
2764	529690	183720	18.5	0	0	0.74132	1,2,6
2765	529690	183720	18.5	0	0	0.74132	1,2,6
2766	529690	183720	18.5	0	0	0.75038	1,2,6
2767	529690	183720	18.5	0	0	0.75953	1,2,6
2768	529690	183720	18.5	0	0	0.76876	1,2,6
2769	529690	183720	18.5	0	0	0.77806	1,2,6
2770	529690	183720	18.5	0	0	0.78744	1,2,6
2771	529690	183720	18.5	0	0	0.79689	1,2,6
2772	529690	183720	18.5	0	0	0.80642	1,2,6
2773	529690	183720	18.5	0	0	0.81601	1,2,6
2774	529690	183720	18.5	0	0	0.82567	1,2,6
2775	529690	183720	18.5	0	0	0.83538	1,2,6
2776	529690	183720	18.5	0	0	0.84516	1,2,6
2777	529690	183720	18.5	0	0	0.85499	1,2,6
2778	529690	183720	18.5	0	0	0.86487	1,2,6
2779	529680	183720	18.5	0	0	0.8748	1,2,6
2780	529680	183720	18.5	0	0	0.88478	1,2,6
2781	529680	183720	18.5	0	0	0.89478	1,2,6
2782	529680	183720	18.5	0	0	0.90483	1,2,6
2783	529680	183720	18.5	0	0	0.9149	1,2,6
2784	529680	183720	18.5	0	0	0.92499	1,2,6
2785	529680	183720	18.5	0	0	0.9351	1,2,6

2786	529680	183720	18.5	0	0	0.94522	1,2,6
2787	529680	183720	18.5	0	0	0.95535	1,2,6
2788	529680	183720	18.5	0	0	0.96548	1,2,6
2789	529680	183720	18.5	0	0	0.9756	1,2,6
2790	529680	183720	18.5	0	0	0.98571	1,2,6
2791	529680	183720	18.5	0	0	0.99581	1,2,6
2792	529680	183720	18.5	0	0	1.0059	1,2,6
2793	529680	183720	18.5	0	0	1.0159	1,2,6
2794	529680	183720	18.5	0	0	1.0259	1,2,6
2795	529680	183720	18.5	0	0	1.0359	1,2,6
2796	529680	183720	18.5	0	0	1.0458	1,2,6
2797	529680	183720	18.5	0	0	1.0556	1,2,6
2798	529680	183720	18.5	0	0	1.0654	1,2,6
2799	529680	183720	18.5	0	0	1.0751	1,2,6
2800	529680	183710	18.5	0	0	1.0847	1,2,6
2801	529680	183710	18.5	0	0	1.0943	1,2,6
2802	529680	183710	18.5	0	0	1.1037	1,2,6
2803	529670	183710	18.5	0	0	1.1131	1,2,6
2804	529670	183710	18.5	0	0	1.1223	1,2,6
2805	529670	183710	18.5	0	0	1.1315	1,2,6
2806	529670	183710	18.5	0	0	1.1405	1,2,6
2807	529670	183710	18.5	0	0	1.1495	1,2,6
2808	529670	183710	18.5	0	0	1.1583	1,2,6
2809	529670	183710	18.5	0	0	1.1669	1,2,6
2810	529670	183710	18.5	0	0	1.1755	1,2,6
2811	529670	183710	18.5	0	0	1.1839	1,2,6
2812	529670	183710	18.5	0	0	1.1922	1,2,6
2813	529670	183710	18.5	0	0	1.2003	1,2,6
2814	529670	183710	18.5	0	0	1.2083	1,2,6
2815	529670	183710	18.5	0	0	1.2162	1,2,6
2816	529670	183710	18.5	0	0	1.2239	1,2,6
2817	529670	183710	18.5	0	0	1.2315	1,2,6
2818	529670	183710	18.5	0	0	1.2389	1,2,6
2819	529670	183710	18.5	0	0	1.2462	1,2,6
2820	529670	183710	18.5	0	0	1.2534	1,2,6
2821	529670	183710	18.5	0	0	1.2604	1,2,6
2822	529670	183710	18.5	0	0	1.2674	1,2,6
2823	529670	183710	18.5	0	0	1.2742	1,2,6
2824	529670	183710	18.5	0	0	1.2809	1,2,6
2825	529670	183710	18.5	0	0	1.2874	1,2,6
2826	529670	183710	18.5	0	0	1.2939	1,2,6
2827	529660	183710	18.5	0	0	1.3003	1,2,6
2828	529660	183710	18.5	0	0	1.3067	1,2,6
2829	529660	183710	18.5	0	0	1.3129	1,2,6
2830	529660	183710	18.5	0	0	1.3191	1,2,6
2831	529660	183710	18.5	0	0	1.3253	1,2,6
2832	529660	183710	18.5	0	0	1.3314	1,2,6
2833	529660	183710	18.5	0	0	1.3375	1,2,6
2834	529660	183710	18.5	0	0	1.3436	1,2,6
2835	529660	183710	18.5	0	0	1.3497	1,2,6
2836	529660	183700	18.5	0	0	1.3558	1,2,6
2837	529660	183700	18.5	0	0	1.362	1,2,6
2838	529660	183700	18.5	0	0	1.3682	1,2,6
2839	529660	183700	18.5	0	0	1.3744	1,2,6
2840	529660	183700	18.5	0	0	1.3808	1,2,6
2841	529660	183700	18.5	0	0	1.3872	1,2,6
2842	529660	183700	18.5	0	0	1.3937	1,2,6
2843	529660	183700	18.5	0	0	1.4003	1,2,6
2844	529660	183700	18.5	0	0	1.407	1,2,6
2845	529660	183700	18.5	0	0	1.4139	1,2,6
2846	529660	183700	18.5	0	0	1.4209	1,2,6
2847	529660	183700	18.5	0	0	1.4281	1,2,6
2848	529660	183700	18.5	0	0	1.4354	1,2,6
2849	529660	183700	18.5	0	0	1.4429	1,2,6
2850	529660	183700	18.5	0	0	1.4505	1,2,6
2851	529650	183700	18.5	0	0	1.4583	1,2,6
2852	529650	183700	18.5	0	0	1.4663	1,2,6
2853	529650	183700	18.5	0	0	1.4745	1,2,6
2854	529650	183700	18.5	0	0	1.4828	1,2,6
2855	529650	183700	18.5	0	0	1.4913	1,2,6
2856	529650	183700	18.5	0	0	1.5	1,2,6
2857	529650	183700	18.5	0	0	1.5088	1,2,6
2858	529650	183700	18.5	0	0	1.5178	1,2,6
2859	529650	183700	18.5	0	0	1.5269	1,2,6
2860	529650	183700	18.5	0	0	1.5361	1,2,6
2861	529650	183700	18.5	0	0	1.5453	1,2,6
2862	529650	183700	18.5	0	0	1.5546	1,2,6
2863	529650	183700	18.5	0	0	1.5639	1,2,6
2864	529650	183700	18.5	0	0	1.5732	1,2,6
2865	529650	183700	18.5	0	0	1.5823	1,2,6
2866	529650	183700	18.5	0	0	1.5914	1,2,6
2867	529650	183700	18.5	0	0	1.6002	1,2,6
2868	529650	183700	18.5	0	0	1.6089	1,2,6
2869	529650	183700	18.5	0	0	1.6172	1,2,6
2870	529650	183700	18.5	0	0	1.6253	1,2,6
2871	529650	183700	18.5	0	0	1.6329	1,2,6
2872	529650	183690	18.5	0	0	1.6401	1,2,6
2873	529650	183690	18.5	0	0	1.6469	1,2,6
2874	529650	183690	18.5	0	0	1.6532	1,2,6
2875	529640	183690	18.5	0	0	1.6591	1,2,6
2876	529640	183690	18.5	0	0	1.6644	1,2,6
2877	529640	183690	18.5	0	0	1.6694	1,2,6
2878	529640	183690	18.5	0	0	1.6738	1,2,6
2879	529640	183690	18.5	0	0	1.6779	1,2,6
2880	529640	183690	18.5	0	0	1.6816	1,2,6
2881	529640	183690	18.5	0	0	1.6849	1,2,6
2882	529640	183690	18.5	0	0	1.688	1,2,6
2883	529640	183690	18.5	0	0	1.6909	1,2,6
2884	529640	183690	18.5	0	0	1.6936	1,2,6
2885	529640	183690	18.5	0	0	1.6961	1,2,6
2886	529640	183690	18.5	0	0	1.6984	1,2,6
2887	529640	183690	18.5	0	0	1.7007	1,2,6
2888	529640	183690	18.5	0	0	1.7029	1,2,6
2889	529640	183690	18.5	0	0	1.705	1,2,6
2890	529640	183690	18.5	0	0	1.707	1,2,6
2891	529640	183690	18.5	0	0	1.7089	1,2,6
2892	529640	183690	18.5	0	0	1.7107	1,2,6
2893	529640	183690	18.5	0	0	1.7124	1,2,6
2894	529640	183690	18.5	0	0	1.7139	1,2,6
2895	529640	183690	18.5	0	0	1.7153	1,2,6
2896	529640	183690	18.5	0	0	1.7165	1,2,6
2897	529640	183690	18.5	0	0	1.7174	1,2,6
2898	529640	183690	18.5	0	0	1.7181	1,2,6
2899	529630	183690	18.5	0	0	1.7186	1,2,6
2900	529630	183690	18.5	0	0	1.7187	1,2,6
2901	529630	183690	18.5	0	0	1.7185	1,2,6
2902	529630	183690	18.5	0	0	1.718	1,2,6
2903	529630	183690	18.5	0	0	1.7171	1,2,6
2904	529630	183690	18.5	0	0	1.7158	1,2,6
2905	529630	183690	18.5	0	0	1.7142	1,2,6
2906	529630	183690	18.5	0	0	1.7121	1,2,6
2907	529630	183690	18.5	0	0	1.7096	1,2,6

2908	529630	183690	18.5	0	0	1.7067 1,2,6
2909	529630	183680	18.5	0	0	1.7033 1,2,6
2910	529630	183680	18.5	0	0	1.6995 1,2,6
2911	529630	183680	18.5	0	0	1.6953 1,2,6
2912	529630	183680	18.5	0	0	1.6907 1,2,6
2913	529630	183680	18.5	0	0	1.6856 1,2,6
2914	529630	183680	18.5	0	0	1.6801 1,2,6
2915	529630	183680	18.5	0	0	1.6742 1,2,6
2916	529630	183680	18.5	0	0	1.668 1,2,6
2917	529630	183680	18.5	0	0	1.6613 1,2,6
2918	529630	183680	18.5	0	0	1.6543 1,2,6
2919	529630	183680	18.5	0	0	1.647 1,2,6
2920	529630	183680	18.5	0	0	1.6393 1,2,6
2921	529630	183680	18.5	0	0	1.6314 1,2,6
2922	529630	183680	18.5	0	0	1.6232 1,2,6
2923	529620	183680	18.5	0	0	1.6148 1,2,6
2924	529620	183680	18.5	0	0	1.6062 1,2,6
2925	529600	183710	18.5	0	0	0.66515 1,2,6
2926	529600	183710	18.5	0	0	0.67487 1,2,6
2927	529600	183710	18.5	0	0	0.68476 1,2,6
2928	529600	183710	18.5	0	0	0.69482 1,2,6
2929	529600	183710	18.5	0	0	0.70505 1,2,6
2930	529610	183710	18.5	0	0	0.71545 1,2,6
2931	529610	183710	18.5	0	0	0.72603 1,2,6
2932	529610	183710	18.5	0	0	0.7368 1,2,6
2933	529610	183710	18.5	0	0	0.74774 1,2,6
2934	529610	183710	18.5	0	0	0.75887 1,2,6
2935	529610	183710	18.5	0	0	0.77019 1,2,6
2936	529610	183710	18.5	0	0	0.78169 1,2,6
2937	529610	183710	18.5	0	0	0.79339 1,2,6
2938	529610	183710	18.5	0	0	0.80528 1,2,6
2939	529610	183710	18.5	0	0	0.81736 1,2,6
2940	529610	183710	18.5	0	0	0.82965 1,2,6
2941	529610	183710	18.5	0	0	0.84213 1,2,6
2942	529610	183700	18.5	0	0	0.85481 1,2,6
2943	529610	183700	18.5	0	0	0.8677 1,2,6
2944	529610	183700	18.5	0	0	0.88079 1,2,6
2945	529610	183700	18.5	0	0	0.89408 1,2,6
2946	529610	183700	18.5	0	0	0.90758 1,2,6
2947	529610	183700	18.5	0	0	0.92128 1,2,6
2948	529610	183700	18.5	0	0	0.93519 1,2,6
2949	529610	183700	18.5	0	0	0.94931 1,2,6
2950	529610	183700	18.5	0	0	0.96363 1,2,6
2951	529610	183700	18.5	0	0	0.97816 1,2,6
2952	529610	183700	18.5	0	0	0.99289 1,2,6
2953	529610	183700	18.5	0	0	1.0078 1,2,6
2954	529610	183700	18.5	0	0	1.023 1,2,6
2955	529610	183700	18.5	0	0	1.0383 1,2,6
2956	529610	183700	18.5	0	0	1.0538 1,2,6
2957	529610	183700	18.5	0	0	1.0695 1,2,6
2958	529610	183700	18.5	0	0	1.0854 1,2,6
2959	529610	183700	18.5	0	0	1.1015 1,2,6
2960	529610	183700	18.5	0	0	1.1178 1,2,6
2961	529610	183700	18.5	0	0	1.1342 1,2,6
2962	529610	183700	18.5	0	0	1.1508 1,2,6
2963	529610	183700	18.5	0	0	1.1675 1,2,6
2964	529610	183700	18.5	0	0	1.1844 1,2,6
2965	529610	183700	18.5	0	0	1.2014 1,2,6
2966	529620	183690	18.5	0	0	1.2185 1,2,6
2967	529620	183690	18.5	0	0	1.2358 1,2,6
2968	529620	183690	18.5	0	0	1.2531 1,2,6
2969	529620	183690	18.5	0	0	1.2704 1,2,6
2970	529620	183690	18.5	0	0	1.2879 1,2,6
2971	529620	183690	18.5	0	0	1.3053 1,2,6
2972	529620	183690	18.5	0	0	1.3228 1,2,6
2973	529620	183690	18.5	0	0	1.3402 1,2,6
2974	529620	183690	18.5	0	0	1.3576 1,2,6
2975	529620	183690	18.5	0	0	1.3749 1,2,6
2976	529620	183690	18.5	0	0	1.3921 1,2,6
2977	529620	183690	18.5	0	0	1.4091 1,2,6
2978	529620	183690	18.5	0	0	1.4259 1,2,6
2979	529620	183690	18.5	0	0	1.4425 1,2,6
2980	529620	183690	18.5	0	0	1.4588 1,2,6
2981	529620	183690	18.5	0	0	1.4748 1,2,6
2982	529620	183690	18.5	0	0	1.4903 1,2,6
2983	529620	183690	18.5	0	0	1.5055 1,2,6
2984	529620	183690	18.5	0	0	1.52 1,2,6
2985	529620	183690	18.5	0	0	1.534 1,2,6
2986	529620	183690	18.5	0	0	1.5474 1,2,6
2987	529620	183690	18.5	0	0	1.56 1,2,6
2988	529620	183690	18.5	0	0	1.5717 1,2,6
2989	529620	183690	18.5	0	0	1.5825 1,2,6
2990	529620	183680	18.5	0	0	1.5923 1,2,6
2991	529620	183680	18.5	0	0	1.6009 1,2,6
2992	529620	183680	18.5	0	0	1.6083 1,2,6
2993	529620	183680	18.5	0	0	1.6143 1,2,6
2994	529620	183680	18.5	0	0	1.6188 1,2,6
2995	529620	183680	18.5	0	0	1.6217 1,2,6
2996	529620	183680	18.5	0	0	1.6228 1,2,6
2997	529620	183680	18.5	0	0	1.622 1,2,6
2998	529620	183680	18.5	0	0	1.619 1,2,6
2999	529620	183680	18.5	0	0	1.6138 1,2,6
3000	529620	183680	18.5	0	0	1.6062 1,2,6

END_TABLE

1 - Data point coincident with displacement location. Its displacement has been added to those calculated by Xdisp.
2 - Data point coincident with horizontal movement calculation point for a specific building. Its displacement has been added before performing building damage calculations.
6 - Data point coincident with vertical movement calculation point for a specific building. Its displacement has been added before performing building damage calculations.

Polygonal Excavations

START_TABLE
Ref. 1
ExcavationInstallation
Surface lev 22.85
ContributiiPositive
Surface mc 5
END_TABLE

START_TABLE

Corner	x [m]	y [m]	Base Level [m]	Arc Enable	Stiffened	Prev. Side: [m]	Prev. Side: [%]	Prev. Side: [%]	Next Side: [m]	Next Side: [%]	Next Side: [%]	p2*
1	529610	183650	5	Yes	No	-	-	-	-	-	-	
2	529610	183650	5	Yes	Yes	0	67	25	0	67	25	
3	529670	183690	5	Yes	Yes	0	67	25	0	67	25	
4	529670	183690	5	Yes	Yes	0	67	25	0	67	25	
5	529690	183670	5	Yes	No	-	-	-	-	-	-	
6	529690	183640	5	Yes	No	-	-	-	-	-	-	
7	529690	183610	5	Yes	No	-	-	-	-	-	-	

END_TABLE

START_TABLE

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve	G.M. Curve: Horizontal
1	529610	183650	529610	183650	No vertical	No horizontal ground movement
2	529610	183650	529670	183690	Inst. of sec	Inst. of secant bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))
3	529670	183690	529670	183690	Inst. of sec	Inst. of secant bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))
4	529670	183690	529690	183670	Inst. of sec	Inst. of secant bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))
5	529690	183670	529690	183640	Inst. of sec	Inst. of secant bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))
6	529690	183640	529690	183610	No vertical	No horizontal ground movement
7	529690	183610	529610	183650	No vertical	No horizontal ground movement

END_TABLE

START_TABLE
Ref. 2
Excavation Excavation
Surface lev 22.85
Contributi Positive
Surface mc 15.35
END_TABLE

START_TABLE

Corner	x [m]	y [m]	Base Level [m]	Arc Enable	Stiffened	Prev. Side: [m]	Prev. Side: [%]	Prev. Side: [%]	Next Side: [m]	Next Side: [%]	Next Side: [%]	p2*
1	529610	183650	15.35	Yes	No	-	-	-	-	-	-	
2	529610	183650	15.35	Yes	Yes	0	67	25	0	67	25	
3	529670	183690	15.35	Yes	Yes	0	67	25	0	67	25	
4	529670	183690	15.35	Yes	Yes	0	67	25	0	67	25	
5	529690	183670	15.35	Yes	No	-	-	-	-	-	-	
6	529690	183640	15.35	Yes	No	-	-	-	-	-	-	
7	529690	183610	22.85	Yes	No	-	-	-	-	-	-	

END_TABLE

START_TABLE

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve	G.M. Curve: Horizontal
1	529610	183650	529610	183650	No vertical	No horizontal ground movement
2	529610	183650	529670	183690	Excavation	Excavation CIRIA760 - 7.5m
3	529670	183690	529670	183690	Excavation	Excavation CIRIA760 - 7.5m
4	529670	183690	529690	183670	Excavation	Excavation CIRIA760 - 7.5m
5	529690	183670	529690	183640	Excavation	Excavation CIRIA760 - 7.5m
6	529690	183640	529690	183610	Excavation	No horizontal ground movement
7	529690	183610	529610	183650	No vertical	No horizontal ground movement

END_TABLE

Circular Excavations

Vertical Ground Movement Curves

START_TABLE
Curve Nam No vertical ground movement
Coordinat [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]

[0.000,0.000,0.000][1.000,0.000,0.000][0.000,1.000,0.000][1.000,1.000,0.000]

Curve Fitti Polynomial
x Order: 1
y Order: 0
Polynomia 0.0x + 0.0
Coeff. of D
END_TABLE

START_TABLE
Curve Nam Inst. of secant bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))
Coordinat [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]

[0.000,0.000,0.050][2.000,0.000,0.000]

Curve Fitti Polynomial
x Order: 1
y Order: 0
Polynomia -2.5E-2x + 5.0E-2
Coeff. of D 1
END_TABLE

START_TABLE
Curve Nam Excavation CIRIA760 - 7.5m
Coordinat [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z)(%)]

[0.000,0.000,0.180][0.120,0.000,0.170][0.250,0.000,0.150][0.380,0.000,0.130]
[0.510,0.000,0.110][0.650,0.000,0.090][0.780,0.000,0.070][0.890,0.000,0.060]
[1.000,0.000,0.050][1.090,0.000,0.040][1.180,0.000,0.030][1.310,0.000,0.020]
[1.450,0.000,0.020][1.580,0.000,0.010][1.710,0.000,0.010][1.850,0.000,0.010]
[1.980,0.000,0.010][2.110,0.000,0.010][2.250,0.000,0.010][2.380,0.000,0.010]

Curve Fitti Polynomial
x Order: 5
y Order: 0
Polynomia 4.93303E-3x - 4.80194E-2x + 1.52147E-1x³ - 1.45939E-1x² - 9.73425E-2x + 1.81248E-1
Coeff. of D 9.99E-01
END_TABLE

Horizontal Ground Movement Curves

START_TABLE
Curve Nam No horizontal ground movement
Coordinat [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.000][1.000,0.000,0.000][0.000,1.000,0.000][1.000,1.000,0.000]
Curve Fitti Polynomial
x Order: 0
y Order: 0
Polynomia 0
Coeff. of D
END_TABLE

START_TABLE
Curve Nam Inst. of secant bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))
Coordinat [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.081][0.050,0.000,0.076][0.100,0.000,0.072][0.150,0.000,0.067]
[0.200,0.000,0.063][0.250,0.000,0.059][0.300,0.000,0.056][0.350,0.000,0.052]
[0.400,0.000,0.049][0.450,0.000,0.045][0.500,0.000,0.043][0.550,0.000,0.040]
[0.600,0.000,0.037][0.650,0.000,0.034][0.700,0.000,0.032][0.750,0.000,0.029]
[0.800,0.000,0.027][0.850,0.000,0.024][0.900,0.000,0.022][0.950,0.000,0.020]
[1.000,0.000,0.018][1.050,0.000,0.016][1.100,0.000,0.014][1.150,0.000,0.012]
[1.200,0.000,0.011][1.250,0.000,0.009][1.300,0.000,0.007][1.350,0.000,0.005]
[1.400,0.000,0.004][1.450,0.000,0.002][1.500,0.000,0.000]

Curve Fitti: Polynomial
x Order: 3
y Order: 0
Polynomia -1.0610E-2x³ + 4.4203E-2x² - 9.6358E-2x + 8.0901E-2
Coeff. of D 1
END_TABLE

START_TABLE
Curve Nam: Excavation CIRIA760 - 7.5m
Coordinate: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z)(%)]
[0.000,0.000,0.360][4.000,0.000,0.000]
Curve Fitti: Polynomial
x Order: 1
y Order: 0
Polynomia -9.00E-2x + 3.60E-1
Coeff. of D 1
END_TABLE

Damage Category Strains

START_TABLE

Ref.	Name	0 (Negligib to 1 (Very Slig	1 (Very Slig to 2 (Slight)	2 (Slight) to 3 (Modera	3 (Moderate) to 4 (Severe)
1	Burland St	0	5.00E-04	7.50E-04	0.0015

END_TABLE

Specific Buildings - Geometry

START_TABLE

Ref.	Building N	Sub-Buildi	Displacem	Distance A Start [m]	Distance A End [m]	Vertical Of [m]	Vertical M Vertical Di [mm]	Damage Ca	Poisson's F	E/G Limit Sensitivity
1	1	On piles	1	0	53.25547	-13.3	0.1	Burland St	0.3	2.6
2	2	On piles	2	0	13.38927	-13.3	0.1	Burland St	0.3	2.6
3	3	Shallow	3	0	10.83551	0	0.1	Burland St	0.3	2.6
4	4	Shallow	4	0	12.98051	0	0.1	Burland St	0.3	2.6
5	5	Shallow	5	0	16.64448	0	0.1	Burland St	0.3	2.6
6	6	Shallow	6	0	9.38339	0	0.1	Burland St	0.3	2.6
7	7	Shallow	7	0	18.06878	0	0.1	Burland St	0.3	2.6
8	8	Shallow	8	0	10.24844	0	0.1	Burland St	0.3	2.6
9	9	Shallow	9	0	31.51691	0	0.1	Burland St	0.3	2.6
10	10	Shallow	10	0	31.6721	0	0.1	Burland St	0.3	2.6
11	11	Shallow	11	0	6.29001	0	0.1	Burland St	0.3	2.6
12	12	Shallow	12	0	25.20051	0	0.1	Burland St	0.3	2.6
13	13	Shallow	13	0	26.22705	0	0.1	Burland St	0.3	2.6
14	14	Shallow	14	0	3.437	0	0.1	Burland St	0.3	2.6
15	15	Shallow	15	0	13.00307	0	0.1	Burland St	0.3	2.6
16	16	Shallow	16	0	21.92646	0	0.1	Burland St	0.3	2.6
17	17	Shallow	17	0	22.46754	0	0.1	Burland St	0.3	2.6
18	18	Shallow	18	0	13.02343	0	0.1	Burland St	0.3	2.6
19	19	Shallow	19	0	14.05518	0	0.1	Burland St	0.3	2.6
20	20	Shallow	20	0	40.45462	0	0.1	Burland St	0.3	2.6
21	21	Shallow	21	0	40.72581	0	0.1	Burland St	0.3	2.6
22	22	Shallow	22	0	15.15409	0	0.1	Burland St	0.3	2.6
23	23	Shallow	23	0	16.02958	0	0.1	Burland St	0.3	2.6
24	24	Shallow	24	0	37.16299	0	0.1	Burland St	0.3	2.6
25	25	Shallow	25	0	36.83334	0	0.1	Burland St	0.3	2.6
26	26	Shallow	26	0	15.96755	0	0.1	Burland St	0.3	2.6
27	27	Shallow	27	0	8.9229	0	0.1	Burland St	0.3	2.6
28	28	Shallow	28	0	36.68748	0	0.1	Burland St	0.3	2.6
29	29	Shallow	29	0	36.58101	0	0.1	Burland St	0.3	2.6
30	30	Shallow	30	0	8.22665	0	0.1	Burland St	0.3	2.6
31	31	Shallow	31	0	42.65374	0	0.1	Burland St	0.3	2.6
32	32	Shallow	32	0	10.43212	0	0.1	Burland St	0.3	2.6
33	33	Shallow	33	0	9.22859	0	0.1	Burland St	0.3	2.6
34	34	Shallow	34	0	28.17443	0	0.1	Burland St	0.3	2.6
35	35	Shallow	35	0	12.1396	0	0.1	Burland St	0.3	2.6
36	36	Shallow	36	0	26.90361	0	0.1	Burland St	0.3	2.6
37	37	Shallow	37	0	21.43957	0	0.1	Burland St	0.3	2.6
38	38	Shallow	38	0	12.39592	0	0.1	Burland St	0.3	2.6
39	39	Shallow	39	0	15.29159	0	0.1	Burland St	0.3	2.6
40	40	Shallow	40	0	31.02936	0	0.1	Burland St	0.3	2.6
41	41	Shallow	41	0	30.60939	0	0.1	Burland St	0.3	2.6
42	42	Shallow	42	0	14.5122	0	0.1	Burland St	0.3	2.6
43	43	Shallow	43	0	6.10435	0	0.1	Burland St	0.3	2.6
44	44	Shallow	44	0	5.03334	0	0.1	Burland St	0.3	2.6
45	45	Shallow	45	0	2.99052	0	0.1	Burland St	0.3	2.6
46	46	Shallow	46	0	7.34917	0	0.1	Burland St	0.3	2.6
47	47	Shallow	47	0	6.16792	0	0.1	Burland St	0.3	2.6
48	48	Shallow	48	0	18.40203	0	0.1	Burland St	0.3	2.6
49	49	Shallow	49	0	27.69769	0	0.1	Burland St	0.3	2.6
50	50	Shallow	50	0	26.47217	0	0.1	Burland St	0.3	2.6
51	51	Shallow	51	0	14.00537	0	0.1	Burland St	0.3	2.6
52	52	Shallow	52	0	4.87075	0	0.1	Burland St	0.3	2.6
53	53	Shallow	53	0	31.45717	0	0.1	Burland St	0.3	2.6
54	54	Shallow	54	0	8.05088	0	0.1	Burland St	0.3	2.6
55	55	Shallow	55	0	8.84932	0	0.1	Burland St	0.3	2.6
56	56	Shallow	56	0	24.84594	0	0.1	Burland St	0.3	2.6
57	57	Shallow	57	0	8.33819	0	0.1	Burland St	0.3	2.6
58	58	Shallow	58	0	9.25984	0	0.1	Burland St	0.3	2.6
59	59	Shallow	59	0	30.15341	0	0.1	Burland St	0.3	2.6
60	60	Shallow	60	0	42.3484	0	0.1	Burland St	0.3	2.6
61	61	On piles	61	0	19.07597	-20.95	0.1	Burland St	0.3	2.6
62	62	On piles	62	0	81.07897	-20.95	0.1	Burland St	0.3	2.6
63	63	On piles	63	0	29.6504	-20.95	0.1	Burland St	0.3	2.6
64	64	Shallow	64	0	37.37842	0	0.1	Burland St	0.3	2.6
65	65	Shallow	65	0	79.29278	0	0.1	Burland St	0.3	2.6
66	66	Shallow	66	0	37.59129	0	0.1	Burland St	0.3	2.6

END_TABLE

Specific Buildings - Bending Parameters

START_TABLE

Ref.	Building N	Sub-Buildi	Height [m]	Default	Hogging: 2nd Mom. (per unit w [m³]	Hogging: Dist. of Bei Strain from [m]	Hogging: Dist. of N./ Edge of Be [m]	Sagging: 2nd Mom. (per unit w [m³]	Sagging: Dist. of Bei Strain from [m]	Sagging: Dist. of N.A. from Edge of Beam in Tension [m]
1	1	On piles	17.5	Yes	1786.5	17.5	17.5	446.61	8.75	8.75
2	2	On piles	17.5	Yes	1786.5	17.5	17.5	446.61	8.75	8.75
3	3	Shallow	11	Yes	443.67	11	11	110.92	5.5	5.5
4	4	Shallow	11	Yes	443.67	11	11	110.92	5.5	5.5
5	5	Shallow	11	Yes	443.67	11	11	110.92	5.5	5.5
6	6	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
7	7	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
8	8	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5

9	9	Shallow	12	Yes	576	12	12	144	6	6
10	10	Shallow	12	Yes	576	12	12	144	6	6
11	11	Shallow	12	Yes	576	12	12	144	6	6
12	12	Shallow	12	Yes	576	12	12	144	6	6
13	13	Shallow	12	Yes	576	12	12	144	6	6
14	14	Shallow	12	Yes	576	12	12	144	6	6
15	15	Shallow	14	Yes	914.67	14	14	228.67	7	7
16	16	Shallow	14	Yes	914.67	14	14	228.67	7	7
17	17	Shallow	14	Yes	914.67	14	14	228.67	7	7
18	18	Shallow	14	Yes	914.67	14	14	228.67	7	7
19	19	Shallow	14	Yes	914.67	14	14	228.67	7	7
20	20	Shallow	14	Yes	914.67	14	14	228.67	7	7
21	21	Shallow	14	Yes	914.67	14	14	228.67	7	7
22	22	Shallow	14	Yes	914.67	14	14	228.67	7	7
23	23	Shallow	14	Yes	914.67	14	14	228.67	7	7
24	24	Shallow	14	Yes	914.67	14	14	228.67	7	7
25	25	Shallow	14	Yes	914.67	14	14	228.67	7	7
26	26	Shallow	14	Yes	914.67	14	14	228.67	7	7
27	27	Shallow	14	Yes	914.67	14	14	228.67	7	7
28	28	Shallow	14	Yes	914.67	14	14	228.67	7	7
29	29	Shallow	14	Yes	914.67	14	14	228.67	7	7
30	30	Shallow	14	Yes	914.67	14	14	228.67	7	7
31	31	Shallow	14	Yes	914.67	14	14	228.67	7	7
32	32	Shallow	14	Yes	914.67	14	14	228.67	7	7
33	33	Shallow	14	Yes	914.67	14	14	228.67	7	7
34	34	Shallow	14	Yes	914.67	14	14	228.67	7	7
35	35	Shallow	14	Yes	914.67	14	14	228.67	7	7
36	36	Shallow	14	Yes	914.67	14	14	228.67	7	7
37	37	Shallow	14	Yes	914.67	14	14	228.67	7	7
38	38	Shallow	14	Yes	914.67	14	14	228.67	7	7
39	39	Shallow	5	Yes	41.667	5	5	10.417	2.5	2.5
40	40	Shallow	5	Yes	41.667	5	5	10.417	2.5	2.5
41	41	Shallow	5	Yes	41.667	5	5	10.417	2.5	2.5
42	42	Shallow	5	Yes	41.667	5	5	10.417	2.5	2.5
43	43	Shallow	6	Yes	72	6	6	18	3	3
44	44	Shallow	6	Yes	72	6	6	18	3	3
45	45	Shallow	6	Yes	72	6	6	18	3	3
46	46	Shallow	6	Yes	72	6	6	18	3	3
47	47	Shallow	6	Yes	72	6	6	18	3	3
48	48	Shallow	6	Yes	72	6	6	18	3	3
49	49	Shallow	6	Yes	72	6	6	18	3	3
50	50	Shallow	6	Yes	72	6	6	18	3	3
51	51	Shallow	6	Yes	72	6	6	18	3	3
52	52	Shallow	6	Yes	72	6	6	18	3	3
53	53	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
54	54	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
55	55	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
56	56	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
57	57	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
58	58	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
59	59	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
60	60	Shallow	7	Yes	114.33	7	7	28.583	3.5	3.5
61	61	On piles	30	Yes	9000	30	30	2250	15	15
62	62	On piles	30	Yes	9000	30	30	2250	15	15
63	63	On piles	30	Yes	9000	30	30	2250	15	15
64	64	Shallow	10	Yes	333.33	10	10	83.333	5	5
65	65	Shallow	10	Yes	333.33	10	10	83.333	5	5
66	66	Shallow	10	Yes	333.33	10	10	83.333	5	5

END_TABLE

Warnings

START_TABLE

1 Multiple excavations have been specified. Displacements resulting from each excavation are summed with no account taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' o

2 The following polygonal excavations have one or more re-entrant corners: 1, 2. The use of re-entrant corners is permitted but not recommended. CIRIA C580/C760, on which XDisp's method for modelling ground move

END_TABLE

Errors

START_TABLE

None

END_TABLE

Displacement Results - Displacement Lines

START_TABLE

Stage:	Ref. Stage:	Nam	Disp. Line:	Disp. Line:	Chainage [m]	x [m]	y [m]	z [m]	dx [mm]	dy [mm]	dz [mm]	dH/ / [mm]	dHperp. [mm]	Angle [°]
0	Base Mode		1	1	0	529588.8	183678.4	19.8	0	0	0	0	0	268.53
					0.49772	529588.8	183677.9	19.8	0	0	0	0	0	268.53
					0.99545	529588.8	183677.4	19.8	0	0	0	0	0	268.53
					1.4932	529588.8	183676.9	19.8	0	0	0	0	0	268.53
					1.9909	529588.8	183676.4	19.8	0	0	0.02062	0	0	268.53
					2.4886	529588.8	183675.9	19.8	0	0	0.070468	0	0	268.53
					2.9863	529588.8	183675.4	19.8	0	0	0.11668	0	0	268.53
					3.4841	529588.7	183674.9	19.8	0	0	0.1592	0	0	268.53
					3.9818	529588.7	183674.4	19.8	0	0	0.19796	0	0	268.53
					4.4795	529588.7	183673.9	19.8	0	0	0.23291	0	0	268.53
					4.9772	529588.7	183673.4	19.8	0	0	0.26399	0	0	268.53
					5.475	529588.7	183672.9	19.8	0	0	0.29115	0	0	268.53
					5.9727	529588.7	183672.4	19.8	0	0	0.31433	0	0	268.53
					6.4704	529588.7	183671.9	19.8	0	0	0.33348	0	0	268.53
					6.9681	529588.7	183671.4	19.8	0	0	0.35008	0	0	268.53
					7.4659	529588.6	183670.9	19.8	0	0	0.36366	0	0	268.53
					7.9636	529588.6	183670.4	19.8	0	0	0.37355	0	0	268.53
					8.4613	529588.6	183669.9	19.8	0	0	0.37969	0	0	268.53
					8.959	529588.6	183669.4	19.8	0	0	0.38208	0	0	268.53
					9.4568	529588.6	183668.9	19.8	0	0	0.38067	0	0	268.53
					9.9545	529588.6	183668.5	19.8	0	0	0.37545	0	0	268.53
					10.452	529588.6	183668	19.8	0	0	0.3664	0	0	268.53
					10.95	529588.6	183667.5	19.8	0.015953	-0.02402	0.35353	0.023607	0.016563	268.53
					11.448	529588.5	183667	19.8	0.044084	-0.06638	0.33681	0.065234	0.045769	268.53
					11.945	529588.5	183666.5	19.8	0.065699	-0.09893	0.31627	0.097219	0.068211	268.53
					12.443	529588.5	183666	19.8	0.080827	-0.12172	0.29191	0.1196	0.083917	268.53
					12.941	529588.5	183665.5	19.8	0.089509	-0.13479	0.26375	0.13245	0.092932	268.53
					13.439	529588.5	183665	19.8	0.091803	-0.13824	0.23182	0.13585	0.095314	268.53
					13.936	529588.5	183664.5	19.8	0.087781	-0.13219	0.19616	0.1299	0.091138	268.53
					14.434	529588.5	183664	19.8	0.077531	-0.11675	0.15681	0.11473	0.080496	268.53
					14.932	529588.5	183663.5	19.8	0.06116	-0.0921	0.11383	0.090503	0.063499	268.53
					15.429	529588.4	183663	19.8	0.038792	-0.05842	0.06729	0.057404	0.040276	268.53
					15.927	529588.4	183662.5	19.8	0.010571	-0.01592	0.017261	0.015643	0.010975	268.53
					16.425	529588.4	183662	19.8	0	0	0	0	0	268.53
					16.923	529588.4	183661.5	19.8	0	0	0	0	0	268.53
					17.42	529588.4	183661	19.8	0	0	0	0	0	268.53
					17.918	529588.4	183660.5	19.8	0	0	0	0	0	268.53
					18.416	529588.4	183660	19.8	0	0	0	0	0	268.53

		18.914	529588.4	183659.5	19.8	0	0	0	0	0	268.53	
		19.411	529588.3	183659	19.8	0	0	0	0	0	268.53	
		19.909	529588.3	183658.5	19.8	0	0	0	0	0	268.53	
		20.407	529588.3	183658	19.8	0	0	0	0	0	268.53	
		20.904	529588.3	183657.5	19.8	0	0	0	0	0	268.53	
		21.402	529588.3	183657	19.8	0	0	0	0	0	268.53	
		21.9	529588.3	183656.5	19.8	0	0	0	0	0	268.53	
		22.398	529588.3	183656	19.8	0	0	0	0	0	268.53	
		22.895	529588.3	183655.5	19.8	0	0	0	0	0	268.53	
		23.393	529588.2	183655	19.8	0	0	0	0	0	268.53	
		23.891	529588.2	183654.5	19.8	0	0	0	0	0	268.53	
		24.388	529588.2	183654	19.8	0	0	0	0	0	268.53	
		24.886	529588.2	183653.5	19.8	0	0	0	0	0	268.53	
		25.384	529588.2	183653	19.8	0	0	0	0	0	268.53	
		25.882	529588.2	183652.5	19.8	0	0	0	0	0	268.53	
		26.379	529588.2	183652	19.8	0	0	0	0	0	268.53	
		26.877	529588.1	183651.5	19.8	0	0	0	0	0	268.53	
		27.375	529588.1	183651	19.8	0	0	0	0	0	268.53	
		27.873	529588.1	183650.5	19.8	0	0	0	0	0	268.53	
		28.37	529588.1	183650	19.8	0	0	0	0	0	268.53	
		28.868	529588.1	183649.5	19.8	0	0	0	0	0	268.53	
		29.366	529588.1	183649	19.8	0	0	0	0	0	268.53	
		29.863	529588.1	183648.5	19.8	0	0	0	0	0	268.53	
		30.361	529588.1	183648.1	19.8	0	0	0	0	0	268.53	
		30.859	529588	183647.6	19.8	0	0	0	0	0	268.53	
		31.357	529588	183647.1	19.8	0	0	0	0	0	268.53	
		31.854	529588	183646.6	19.8	0	0	0	0	0	268.53	
		32.352	529588	183646.1	19.8	0	0	0	0	0	268.53	
		32.85	529588	183645.6	19.8	0	0	0	0	0	268.53	
		33.348	529588	183645.1	19.8	0	0	0	0	0	268.53	
		33.845	529588	183644.6	19.8	0	0	0	0	0	268.53	
		34.343	529588	183644.1	19.8	0	0	0	0	0	268.53	
		34.841	529587.9	183643.6	19.8	0	0	0	0	0	268.53	
		35.338	529587.9	183643.1	19.8	0	0	0	0	0	268.53	
		35.836	529587.9	183642.6	19.8	0	0	0	0	0	268.53	
		36.334	529587.9	183642.1	19.8	0	0	0	0	0	268.53	
		36.832	529587.9	183641.6	19.8	0	0	0	0	0	268.53	
		37.329	529587.9	183641.1	19.8	0	0	0	0	0	268.53	
		37.827	529587.9	183640.6	19.8	0	0	0	0	0	268.53	
		38.325	529587.9	183640.1	19.8	0	0	0	0	0	268.53	
		38.822	529587.8	183639.6	19.8	0	0	0	0	0	268.53	
		39.32	529587.8	183639.1	19.8	0	0	0	0	0	268.53	
		39.818	529587.8	183638.6	19.8	0	0	0	0	0	268.53	
		40.316	529587.8	183638.1	19.8	0	0	0	0	0	268.53	
		40.813	529587.8	183637.6	19.8	0	0	0	0	0	268.53	
		41.311	529587.8	183637.1	19.8	0	0	0	0	0	268.53	
		41.809	529587.8	183636.6	19.8	0	0	0	0	0	268.53	
		42.307	529587.8	183636.1	19.8	0	0	0	0	0	268.53	
		42.804	529587.7	183635.6	19.8	0	0	0	0	0	268.53	
		43.302	529587.7	183635.1	19.8	0	0	0	0	0	268.53	
		43.8	529587.7	183634.6	19.8	0	0	0	0	0	268.53	
		44.297	529587.7	183634.1	19.8	0	0	0	0	0	268.53	
		44.795	529587.7	183633.6	19.8	0	0	0	0	0	268.53	
		45.293	529587.7	183633.1	19.8	0	0	0	0	0	268.53	
		45.791	529587.7	183632.6	19.8	0	0	0	0	0	268.53	
		46.288	529587.7	183632.1	19.8	0	0	0	0	0	268.53	
		46.786	529587.6	183631.6	19.8	0	0	0	0	0	268.53	
		47.284	529587.6	183631.1	19.8	0	0	0	0	0	268.53	
		47.782	529587.6	183630.6	19.8	0	0	0	0	0	268.53	
		48.279	529587.6	183630.1	19.8	0	0	0	0	0	268.53	
		48.777	529587.6	183629.6	19.8	0	0	0	0	0	268.53	
		49.275	529587.6	183629.1	19.8	0	0	0	0	0	268.53	
		49.772	529587.6	183628.6	19.8	0	0	0	0	0	268.53	
		50.27	529587.6	183628.1	19.8	0	0	0	0	0	268.53	
		50.768	529587.5	183627.7	19.8	0	0	0	0	0	268.53	
		51.266	529587.5	183627.2	19.8	0	0	0	0	0	268.53	
		51.763	529587.5	183626.7	19.8	0	0	0	0	0	268.53	
		52.261	529587.5	183626.2	19.8	0	0	0	0	0	268.53	
		52.759	529587.5	183625.7	19.8	0	0	0	0	0	268.53	
		53.256	529587.5	183625.2	19.8	0	0	0	0	0	268.53	
2	2	0	529584.2	183623.3	19.8	0	0	0	0	0	7.9371	
		0.49594	529584.7	183623.4	19.8	0	0	0	0	0	7.9371	
		0.99187	529585.2	183623.5	19.8	0	0	0	0	0	7.9371	
		1.4878	529585.7	183623.5	19.8	0	0	0	0	0	7.9371	
		1.9837	529586.2	183623.6	19.8	0	0	0	0	0	7.9371	
		2.4797	529586.7	183623.7	19.8	0	0	0	0	0	7.9371	
		2.9756	529587.2	183623.7	19.8	0	0	0	0	0	7.9371	
		3.4716	529587.7	183623.8	19.8	0	0	0	0	0	7.9371	
		3.9675	529588.1	183623.9	19.8	0	0	0	0	0	7.9371	
		4.4634	529588.6	183623.9	19.8	0	0	0	0	0	7.9371	
		4.9594	529589.1	183624	19.8	0	0	0	0	0	7.9371	
		5.4553	529589.6	183624.1	19.8	0	0	0	0	0	7.9371	
		5.9512	529590.1	183624.1	19.8	0	0	0	0	0	7.9371	
		6.4472	529590.6	183624.2	19.8	0	0	0	0	0	7.9371	
		6.9431	529591.1	183624.3	19.8	0	0	0	0	0	7.9371	
		7.439	529591.6	183624.3	19.8	0	0	0	0	0	7.9371	
		7.935	529592.1	183624.4	19.8	0	0	0	0	0	7.9371	
		8.4309	529592.6	183624.5	19.8	0	0	0	0	0	7.9371	
		8.9268	529593.1	183624.5	19.8	0	0	0	0	0	7.9371	
		9.4228	529593.5	183624.6	19.8	0	0	0	0	0	7.9371	
		9.9187	529594	183624.7	19.8	0	0	0	0	0	7.9371	
		10.415	529594.5	183624.8	19.8	0	0	0	0	0	7.9371	
		10.911	529595	183624.8	19.8	0	0	0	0	0	7.9371	
		11.407	529595.5	183624.9	19.8	0	0	0	0	0	7.9371	
		11.902	529596	183625	19.8	0	0	0	0	0	7.9371	
		12.398	529596.5	183625	19.8	0	0	0	0	0	7.9371	
		12.894	529597	183625.1	19.8	0	0	0	0	0	7.9371	
		13.39	529597.5	183625.2	19.8	0	0	0	0	0	7.9371	
3	3	0	529587.2	183610.1	17.5	0	0	0.69595	0	0	6.1078	*
		0.49257	529587.6	183610.2	17.5	0	0	0.69289	0	0	6.1078	*
		0.98514	529588.1	183610.2	17.5	0	0	0.68907	0	0	6.1078	*
		1.4777	529588.6	183610.3	17.5	0	0	0.68444	0	0	6.1078	*
		1.9703	529589.1	183610.3	17.5	0	0	0.67896	0	0	6.1078	*
		2.4628	529589.6	183610.4	17.5	0	0	0.67257	0	0	6.1078	*
		2.9554	529590.1	183610.4	17.5	0	0	0.66523	0	0	6.1078	*
		3.448	529590.6	183610.5	17.5	0	0	0.65689	0	0	6.1078	*
		3.9406	529591.1	183610.5	17.5	0	0	0.64749	0	0	6.1078	*
		4.4331	529591.6	183610.6	17.5	0	0	0.63699	0	0	6.1078	*
		4.9257	529592.1	183610.6	17.5	0	0	0.62533	0	0	6.1078	*
		5.4183	529592.5	183610.7	17.5	0	0	0.61248	0	0	6.1078	*
		5.9108	529593	183610.7	17.5	0	0	0.59839	0	0	6.1078	*
		6.4034	529593.5	183610.8	17.5	0	0	0.58301	0	0	6.1078	*
		6.896	529594	183610.8	17.5	0	0	0.56632	0	0	6.1078	*
		7.3885	529594.5	183610.9	17.5	0	0	0.5483	0	0	6.1078	*
		7.8811	529595	183611	17.5	0	0	0.52891	0	0	6.1078	*
		8.3737	529595.5	183611	17.5	0	0	0.50817	0	0	6.1078	*
		8.8662	529596	183611.1	17.5	0	0	0.48607	0	0	6.1078	*
		9.3588	529596.5	183611.1	17.5	0	0	0.46266	0	0	6.1078	*
		9.8514	529597	183611.2	17.5	0	0	0.43797	0	0	6.1078	*
		10.344	529597.4	183611.2	17.5	0	0	0.4121	0	0	6.1078	*
		10.837	529597.9	183611.3	17.5	0	0	0.7703	0	0	6.1078	*
4	4	0	529597.9	183611.3	17.5	0	0	0.7703	0	0	278.22	*

		0.49929	529598	183610.8	17.5	0	0	0.37712	0	0	278.22 *
		0.99858	529598.1	183610.3	17.5	0	0	0.36906	0	0	278.22 *
		1.4979	529598.1	183609.8	17.5	0	0	0.36096	0	0	278.22 *
		1.9972	529598.2	183609.3	17.5	0	0	0.35285	0	0	278.22 *
		2.4964	529598.3	183608.8	17.5	0	0	0.34472	0	0	278.22 *
		2.9957	529598.4	183608.3	17.5	0	0	0.33657	0	0	278.22 *
		3.495	529598.4	183607.8	17.5	0	0	0.32842	0	0	278.22 *
		3.9943	529598.5	183607.3	17.5	0	0	0.32027	0	0	278.22 *
		4.4936	529598.6	183606.8	17.5	0	0	0.31211	0	0	278.22 *
		4.9929	529598.6	183606.3	17.5	0	0	0.30397	0	0	278.22 *
		5.4922	529598.7	183605.8	17.5	0	0	0.29584	0	0	278.22 *
		5.9915	529598.8	183605.3	17.5	0	0	0.28772	0	0	278.22 *
		6.4908	529598.9	183604.8	17.5	0	0	0.27963	0	0	278.22 *
		6.99	529598.9	183604.3	17.5	0	0	0.27157	0	0	278.22 *
		7.4893	529599	183603.9	17.5	0	0	0.26354	0	0	278.22 *
		7.9886	529599.1	183603.4	17.5	0	0	0.25555	0	0	278.22 *
		8.4879	529599.1	183602.9	17.5	0	0	0.24761	0	0	278.22 *
		8.9872	529599.2	183602.4	17.5	0	0	0.23971	0	0	278.22 *
		9.4865	529599.3	183601.9	17.5	0	0	0.23186	0	0	278.22 *
		9.9858	529599.4	183601.4	17.5	0	0	0.22408	0	0	278.22 *
		10.485	529599.4	183600.9	17.5	0	0	0.21636	0	0	278.22 *
		10.984	529599.5	183600.4	17.5	0	0	0.20872	0	0	278.22 *
		11.484	529599.6	183599.9	17.5	0	0	0.20116	0	0	278.22 *
		11.983	529599.6	183599.4	17.5	0	0	0.19369	0	0	278.22 *
		12.482	529599.7	183598.9	17.5	0	0	0.18633	0	0	278.22 *
		12.982	529599.8	183598.4	17.5	0	0	0.35814	0	0	278.22 *
5	5	0	529583.3	183596.4	17.5	0	0	0.60451	0	0	7.0396 *
		0.50441	529583.8	183596.4	17.5	0	0	0.60527	0	0	7.0396 *
		1.0088	529584.3	183596.5	17.5	0	0	0.60561	0	0	7.0396 *
		1.5132	529584.8	183596.6	17.5	0	0	0.60549	0	0	7.0396 *
		2.0176	529585.3	183596.6	17.5	0	0	0.60489	0	0	7.0396 *
		2.522	529585.8	183596.7	17.5	0	0	0.60375	0	0	7.0396 *
		3.0265	529586.3	183596.7	17.5	0	0	0.60206	0	0	7.0396 *
		3.5309	529586.8	183596.8	17.5	0	0	0.59976	0	0	7.0396 *
		4.0353	529587.3	183596.9	17.5	0	0	0.59681	0	0	7.0396 *
		4.5397	529587.8	183596.9	17.5	0	0	0.59318	0	0	7.0396 *
		5.0441	529588.3	183597	17.5	0	0	0.58882	0	0	7.0396 *
		5.5485	529588.8	183597.1	17.5	0	0	0.58368	0	0	7.0396 *
		6.0529	529589.3	183597.1	17.5	0	0	0.5777	0	0	7.0396 *
		6.5573	529589.8	183597.2	17.5	0	0	0.57085	0	0	7.0396 *
		7.0617	529590.3	183597.2	17.5	0	0	0.56307	0	0	7.0396 *
		7.5661	529590.8	183597.3	17.5	0	0	0.5543	0	0	7.0396 *
		8.0705	529591.3	183597.4	17.5	0	0	0.5445	0	0	7.0396 *
		8.5749	529591.8	183597.4	17.5	0	0	0.5336	0	0	7.0396 *
		9.0794	529592.3	183597.5	17.5	0	0	0.52156	0	0	7.0396 *
		9.5838	529592.8	183597.6	17.5	0	0	0.50831	0	0	7.0396 *
		10.088	529593.3	183597.6	17.5	0	0	0.49381	0	0	7.0396 *
		10.593	529593.8	183597.7	17.5	0	0	0.47801	0	0	7.0396 *
		11.097	529594.3	183597.7	17.5	0	0	0.46086	0	0	7.0396 *
		11.601	529594.8	183597.8	17.5	0	0	0.44231	0	0	7.0396 *
		12.106	529595.3	183597.9	17.5	0	0	0.42234	0	0	7.0396 *
		12.61	529595.8	183597.9	17.5	0	0	0.40091	0	0	7.0396 *
		13.115	529596.3	183598	17.5	0	0	0.37802	0	0	7.0396 *
		13.619	529596.8	183598	17.5	0	0	0.35364	0	0	7.0396 *
		14.123	529597.3	183598.1	17.5	0	0	0.32781	0	0	7.0396 *
		14.628	529597.8	183598.2	17.5	0	0	0.30056	0	0	7.0396 *
		15.132	529598.3	183598.2	17.5	0	0	0.27195	0	0	7.0396 *
		15.637	529598.8	183598.3	17.5	0	0	0.24206	0	0	7.0396 *
		16.141	529599.3	183598.4	17.5	0	0	0.21104	0	0	7.0396 *
		16.645	529599.8	183598.4	17.5	0	0	0.35814	0	0	7.0396 *
6	6	0	529591.9	183591.8	17.5	0	0	0.49396	0	0	9.4513 *
		0.49392	529592.4	183591.9	17.5	0	0	0.48274	0	0	9.4513 *
		0.98783	529592.9	183592	17.5	0	0	0.47042	0	0	9.4513 *
		1.4817	529593.4	183592.1	17.5	0	0	0.45697	0	0	9.4513 *
		1.9757	529593.9	183592.2	17.5	0	0	0.44232	0	0	9.4513 *
		2.4696	529594.4	183592.2	17.5	0	0	0.42644	0	0	9.4513 *
		2.9635	529594.9	183592.3	17.5	0	0	0.40928	0	0	9.4513 *
		3.4574	529595.4	183592.4	17.5	0	0	0.39081	0	0	9.4513 *
		3.9513	529595.8	183592.5	17.5	0	0	0.37099	0	0	9.4513 *
		4.4452	529596.3	183592.6	17.5	0	0	0.3498	0	0	9.4513 *
		4.9392	529596.8	183592.6	17.5	0	0	0.32723	0	0	9.4513 *
		5.4331	529597.3	183592.7	17.5	0	0	0.30327	0	0	9.4513 *
		5.927	529597.8	183592.8	17.5	0	0	0.27794	0	0	9.4513 *
		6.4209	529598.3	183592.9	17.5	0	0	0.25127	0	0	9.4513 *
		6.9148	529598.8	183593	17.5	0	0	0.22333	0	0	9.4513 *
		7.4087	529599.3	183593	17.5	0	0	0.19419	0	0	9.4513 *
		7.9026	529599.7	183593.1	17.5	0	0	0.16397	0	0	9.4513 *
		8.3966	529600.2	183593.2	17.5	0	0	0.13284	0	0	9.4513 *
		8.8905	529600.7	183593.3	17.5	0	0	0.101	0	0	9.4513 *
		9.3844	529601.2	183593.4	17.5	0	0	0.13744	0	0	9.4513 *
7	7	0	529601.2	183593.4	17.5	0	0	0.13744	0	0	277.36 *
		0.50194	529601.3	183592.9	17.5	0	0	0.06419	0	0	277.36 *
		1.0039	529601.3	183592.4	17.5	0	0	0.05996	0	0	277.36 *
		1.5058	529601.4	183591.9	17.5	0	0	0.05605	0	0	277.36 *
		2.0078	529601.5	183591.4	17.5	0	0	0.05247	0	0	277.36 *
		2.5097	529601.5	183590.9	17.5	0	0	0.04923	0	0	277.36 *
		3.0116	529601.6	183590.4	17.5	0	0	0.04635	0	0	277.36 *
		3.5136	529601.7	183589.9	17.5	0	0	0.04383	0	0	277.36 *
		4.0155	529601.7	183589.4	17.5	0	0	0.04168	0	0	277.36 *
		4.5174	529601.8	183588.9	17.5	0	0	0.03991	0	0	277.36 *
		5.0194	529601.8	183588.4	17.5	0	0	0.03853	0	0	277.36 *
		5.5213	529601.9	183587.9	17.5	0	0	0.03755	0	0	277.36 *
		6.0233	529602	183587.4	17.5	0	0	0.03696	0	0	277.36 *
		6.5252	529602	183586.9	17.5	0	0	0.03678	0	0	277.36 *
		7.0271	529602.1	183586.4	17.5	0	0	0.037	0	0	277.36 *
		7.5291	529602.2	183585.9	17.5	0	0	0.03764	0	0	277.36 *
		8.031	529602.2	183585.4	17.5	0	0	0.03868	0	0	277.36 *
		8.533	529602.3	183584.9	17.5	0	0	0.04013	0	0	277.36 *
		9.0349	529602.4	183584.4	17.5	0	0	0.04198	0	0	277.36 *
		9.5368	529602.4	183583.9	17.5	0	0	0.04424	0	0	277.36 *
		10.039	529602.5	183583.4	17.5	0	0	0.0469	0	0	277.36 *
		10.541	529602.6	183582.9	17.5	0	0	0.04995	0	0	277.36 *
		11.043	529602.6	183582.4	17.5	0	0	0.05338	0	0	277.36 *
		11.545	529602.7	183581.9	17.5	0	0	0.05718	0	0	277.36 *
		12.047	529602.7	183581.4	17.5	0	0	0.06134	0	0	277.36 *
		12.548	529602.8	183580.9	17.5	0	0	0.06583	0	0	277.36 *
		13.05	529602.9	183580.4	17.5	0	0	0.07065	0	0	277.36 *
		13.552	529602.9	183579.9	17.5	0	0	0.07576	0	0	277.36 *
		14.054	529603	183579.4	17.5	0	0	0.08115	0	0	277.36 *
		14.556	529603.1	183578.9	17.5	0	0	0.08678	0	0	277.36 *
		15.058	529603.1	183578.4	17.5	0	0	0.09265	0	0	277.36 *
		15.56	529603.2	183577.9	17.5	0	0	0.09871	0	0	277.36 *
		16.062	529603.3	183577.4	17.5	0	0	0.10496	0	0	277.36 *
		16.564	529603.3	183576.9	17.5	0	0	0.11135	0	0	277.36 *
		17.066	529603.4	183576.4	17.5	0	0	0.11789	0	0	277.36 *
		17.568	529603.5	183575.9	17.5	0	0	0.12454	0	0	277.36 *
		18.07	529603.5	183575.4	17.5	0	0	0.26258	0	0	277.36 *
8	8	0	529593.5	183573.3	17.5	0	0	0.41963	0	0	11.932 *
		0.51247	529594	183573.4	17.5	0	0	0.41297	0	0	11.932 *
		1.0249	529594.5	183573.5	17.5	0	0	0.40557	0	0	11.932 *
		1.5374	529595	183573.6	17.5	0	0	0.39741	0	0	11.932 *
		2.0499	529595.5	183573.8	17.5	0	0	0.38843	0	0	11.932 *

		2.5624	529596	183573.9	17.5	0	0	0.37861	0	0	11.932	*
		3.0748	529596.5	183574	17.5	0	0	0.36793	0	0	11.932	*
		3.5873	529597	183574.1	17.5	0	0	0.35635	0	0	11.932	*
		4.0998	529597.5	183574.2	17.5	0	0	0.34384	0	0	11.932	*
		4.6122	529598	183574.3	17.5	0	0	0.33041	0	0	11.932	*
		5.1247	529598.5	183574.4	17.5	0	0	0.31603	0	0	11.932	*
		5.6372	529599	183574.5	17.5	0	0	0.30072	0	0	11.932	*
		6.1497	529599.5	183574.6	17.5	0	0	0.28448	0	0	11.932	*
		6.6621	529600	183574.7	17.5	0	0	0.26735	0	0	11.932	*
		7.1746	529600.5	183574.8	17.5	0	0	0.2494	0	0	11.932	*
		7.6871	529601	183574.9	17.5	0	0	0.23069	0	0	11.932	*
		8.1995	529601.5	183575	17.5	0	0	0.21133	0	0	11.932	*
		8.712	529602	183575.1	17.5	0	0	0.19149	0	0	11.932	*
		9.2245	529602.5	183575.2	17.5	0	0	0.17135	0	0	11.932	*
		9.737	529603	183575.3	17.5	0	0	0.15118	0	0	11.932	*
		10.249	529603.5	183575.4	17.5	0	0	0.26258	0	0	11.932	*
9	9	0	529570.9	183569.9	17.3	0	0	0.37773	0	0	4.2067	*
		0.50028	529571.4	183569.9	17.3	0	0	0.38084	0	0	4.2067	*
		1.0006	529571.9	183569.9	17.3	0	0	0.38393	0	0	4.2067	*
		1.5009	529572.4	183570	17.3	0	0	0.38701	0	0	4.2067	*
		2.0011	529572.9	183570	17.3	0	0	0.39008	0	0	4.2067	*
		2.5014	529573.4	183570	17.3	0	0	0.39312	0	0	4.2067	*
		3.0017	529573.9	183570.1	17.3	0	0	0.39613	0	0	4.2067	*
		3.502	529574.4	183570.1	17.3	0	0	0.39912	0	0	4.2067	*
		4.0023	529574.9	183570.2	17.3	0	0	0.40207	0	0	4.2067	*
		4.5026	529575.4	183570.2	17.3	0	0	0.40499	0	0	4.2067	*
		5.0028	529575.9	183570.2	17.3	0	0	0.40786	0	0	4.2067	*
		5.5031	529576.4	183570.3	17.3	0	0	0.41069	0	0	4.2067	*
		6.0034	529576.9	183570.3	17.3	0	0	0.41346	0	0	4.2067	*
		6.5037	529577.4	183570.3	17.3	0	0	0.41618	0	0	4.2067	*
		7.004	529577.9	183570.4	17.3	0	0	0.41883	0	0	4.2067	*
		7.5043	529578.4	183570.4	17.3	0	0	0.42142	0	0	4.2067	*
		8.0045	529578.9	183570.4	17.3	0	0	0.42393	0	0	4.2067	*
		8.5048	529579.4	183570.5	17.3	0	0	0.42636	0	0	4.2067	*
		9.0051	529579.9	183570.5	17.3	0	0	0.42869	0	0	4.2067	*
		9.5054	529580.4	183570.6	17.3	0	0	0.43093	0	0	4.2067	*
		10.006	529580.9	183570.6	17.3	0	0	0.43306	0	0	4.2067	*
		10.506	529581.4	183570.6	17.3	0	0	0.43508	0	0	4.2067	*
		11.006	529581.9	183570.7	17.3	0	0	0.43697	0	0	4.2067	*
		11.507	529582.4	183570.7	17.3	0	0	0.43873	0	0	4.2067	*
		12.007	529582.9	183570.7	17.3	0	0	0.44035	0	0	4.2067	*
		12.507	529583.4	183570.8	17.3	0	0	0.44181	0	0	4.2067	*
		13.007	529583.9	183570.8	17.3	0	0	0.4431	0	0	4.2067	*
		13.508	529584.4	183570.9	17.3	0	0	0.44422	0	0	4.2067	*
		14.008	529584.9	183570.9	17.3	0	0	0.44514	0	0	4.2067	*
		14.508	529585.4	183570.9	17.3	0	0	0.44586	0	0	4.2067	*
		15.009	529585.9	183571	17.3	0	0	0.44636	0	0	4.2067	*
		15.509	529586.4	183571	17.3	0	0	0.44662	0	0	4.2067	*
		16.009	529586.9	183571	17.3	0	0	0.44664	0	0	4.2067	*
		16.509	529587.4	183571.1	17.3	0	0	0.44639	0	0	4.2067	*
		17.01	529587.9	183571.1	17.3	0	0	0.44585	0	0	4.2067	*
		17.51	529588.4	183571.1	17.3	0	0	0.44502	0	0	4.2067	*
		18.01	529588.9	183571.2	17.3	0	0	0.44386	0	0	4.2067	*
		18.511	529589.4	183571.2	17.3	0	0	0.44236	0	0	4.2067	*
		19.011	529589.9	183571.3	17.3	0	0	0.44051	0	0	4.2067	*
		19.511	529590.4	183571.3	17.3	0	0	0.43827	0	0	4.2067	*
		20.011	529590.9	183571.3	17.3	0	0	0.43563	0	0	4.2067	*
		20.512	529591.4	183571.4	17.3	0	0	0.43257	0	0	4.2067	*
		21.012	529591.9	183571.4	17.3	0	0	0.42905	0	0	4.2067	*
		21.512	529592.4	183571.4	17.3	0	0	0.42507	0	0	4.2067	*
		22.013	529592.9	183571.5	17.3	0	0	0.42059	0	0	4.2067	*
		22.513	529593.4	183571.5	17.3	0	0	0.41559	0	0	4.2067	*
		23.013	529593.9	183571.5	17.3	0	0	0.41004	0	0	4.2067	*
		23.513	529594.4	183571.6	17.3	0	0	0.40393	0	0	4.2067	*
		24.014	529594.9	183571.6	17.3	0	0	0.39722	0	0	4.2067	*
		24.514	529595.4	183571.7	17.3	0	0	0.3899	0	0	4.2067	*
		25.014	529595.9	183571.7	17.3	0	0	0.38195	0	0	4.2067	*
		25.515	529596.4	183571.7	17.3	0	0	0.37334	0	0	4.2067	*
		26.015	529596.9	183571.8	17.3	0	0	0.36405	0	0	4.2067	*
		26.515	529597.4	183571.8	17.3	0	0	0.35407	0	0	4.2067	*
		27.015	529597.9	183571.8	17.3	0	0	0.34339	0	0	4.2067	*
		27.516	529598.4	183571.9	17.3	0	0	0.33201	0	0	4.2067	*
		28.016	529598.9	183571.9	17.3	0	0	0.31991	0	0	4.2067	*
		28.516	529599.4	183572	17.3	0	0	0.30712	0	0	4.2067	*
		29.016	529599.9	183572	17.3	0	0	0.29363	0	0	4.2067	*
		29.517	529600.4	183572	17.3	0	0	0.27949	0	0	4.2067	*
		30.017	529600.9	183572.1	17.3	0	0	0.26471	0	0	4.2067	*
		30.517	529601.4	183572.1	17.3	0	0	0.24937	0	0	4.2067	*
		31.018	529601.9	183572.1	17.3	0	0	0.23353	0	0	4.2067	*
		31.518	529602.4	183572.2	17.3	0	0	0.43456	0	0	4.2067	*
10	10	0	529602.4	183572.2	17.3	0	0	0.43456	0	0	273.84	*
		0.50275	529602.4	183571.7	17.3	0	0	0.22456	0	0	273.84	*
		1.0055	529602.4	183571.2	17.3	0	0	0.23184	0	0	273.84	*
		1.5082	529602.5	183570.7	17.3	0	0	0.2391	0	0	273.84	*
		2.011	529602.5	183570.2	17.3	0	0	0.24634	0	0	273.84	*
		2.5137	529602.5	183569.7	17.3	0	0	0.25354	0	0	273.84	*
		3.0165	529602.6	183569.2	17.3	0	0	0.26068	0	0	273.84	*
		3.5192	529602.6	183568.7	17.3	0	0	0.26776	0	0	273.84	*
		4.022	529602.6	183568.2	17.3	0	0	0.27474	0	0	273.84	*
		4.5247	529602.7	183567.7	17.3	0	0	0.28163	0	0	273.84	*
		5.0275	529602.7	183567.2	17.3	0	0	0.28839	0	0	273.84	*
		5.5302	529602.7	183566.7	17.3	0	0	0.29503	0	0	273.84	*
		6.033	529602.8	183566.2	17.3	0	0	0.30151	0	0	273.84	*
		6.5357	529602.8	183565.7	17.3	0	0	0.30783	0	0	273.84	*
		7.0385	529602.8	183565.2	17.3	0	0	0.31398	0	0	273.84	*
		7.5412	529602.9	183564.6	17.3	0	0	0.31993	0	0	273.84	*
		8.044	529602.9	183564.1	17.3	0	0	0.32568	0	0	273.84	*
		8.5467	529602.9	183563.6	17.3	0	0	0.33122	0	0	273.84	*
		9.0495	529603	183563.1	17.3	0	0	0.33653	0	0	273.84	*
		9.5522	529603	183562.6	17.3	0	0	0.34161	0	0	273.84	*
		10.055	529603	183562.1	17.3	0	0	0.34645	0	0	273.84	*
		10.558	529603.1	183561.6	17.3	0	0	0.35104	0	0	273.84	*
		11.06	529603.1	183561.1	17.3	0	0	0.35538	0	0	273.84	*
		11.563	529603.1	183560.6	17.3	0	0	0.35947	0	0	273.84	*
		12.066	529603.2	183560.1	17.3	0	0	0.36331	0	0	273.84	*
		12.569	529603.2	183559.6	17.3	0	0	0.36688	0	0	273.84	*
		13.071	529603.2	183559.1	17.3	0	0	0.3702	0	0	273.84	*
		13.574	529603.3	183558.6	17.3	0	0	0.37326	0	0	273.84	*
		14.077	529603.3	183558.1	17.3	0	0	0.37607	0	0	273.84	*
		14.58	529603.3	183557.6	17.3	0	0	0.37863	0	0	273.84	*
		15.082	529603.4	183557.1	17.3	0	0	0.38094	0	0	273.84	*
		15.585	529603.4	183556.6	17.3	0	0	0.383	0	0	273.84	*
		16.088	529603.4	183556.1	17.3	0	0	0.38483	0	0	273.84	*
		16.591	529603.5	183555.6	17.3	0	0	0.38642	0	0	273.84	*
		17.093	529603.5	183555.1	17.3	0	0	0.38779	0	0	273.84	*
		17.596	529603.5	183554.6	17.3	0	0	0.38893	0	0	273.84	*
		18.099	529603.6	183554.1	17.3	0	0	0.38986	0	0	273.84	*
		18.602	529603.6	183553.6	17.3	0	0	0.39058	0	0	273.84	*
		19.104	529603.6	183553.1	17.3	0	0	0.3911	0	0	273.84	*
		19.607	529603.7	183552.6	17.3	0	0	0.39142	0	0	273.84	*
		20.11	529603.7	183552.1	17.3	0	0	0.39156	0	0	273.84	*
		20.613	529603.7	183551.6	17.3	0	0	0.39152	0	0	273.84	*

		21.115	529603.8	183551.1	17.3	0	0	0.3913	0	0	273.84 *
		21.618	529603.8	183550.6	17.3	0	0	0.39093	0	0	273.84 *
		22.121	529603.8	183550.1	17.3	0	0	0.39039	0	0	273.84 *
		22.624	529603.9	183549.6	17.3	0	0	0.38971	0	0	273.84 *
		23.126	529603.9	183549.1	17.3	0	0	0.38888	0	0	273.84 *
		23.629	529603.9	183548.6	17.3	0	0	0.38792	0	0	273.84 *
		24.132	529604	183548.1	17.3	0	0	0.38683	0	0	273.84 *
		24.635	529604	183547.6	17.3	0	0	0.38561	0	0	273.84 *
		25.137	529604	183547.1	17.3	0	0	0.38428	0	0	273.84 *
		25.64	529604.1	183546.6	17.3	0	0	0.38285	0	0	273.84 *
		26.143	529604.1	183546.1	17.3	0	0	0.3813	0	0	273.84 *
		26.646	529604.1	183545.6	17.3	0	0	0.37967	0	0	273.84 *
		27.148	529604.2	183545.1	17.3	0	0	0.37794	0	0	273.84 *
		27.651	529604.2	183544.6	17.3	0	0	0.37613	0	0	273.84 *
		28.154	529604.2	183544.1	17.3	0	0	0.37423	0	0	273.84 *
		28.657	529604.3	183543.6	17.3	0	0	0.37226	0	0	273.84 *
		29.159	529604.3	183543.1	17.3	0	0	0.37023	0	0	273.84 *
		29.662	529604.3	183542.6	17.3	0	0	0.36813	0	0	273.84 *
		30.165	529604.4	183542.1	17.3	0	0	0.36597	0	0	273.84 *
		30.668	529604.4	183541.6	17.3	0	0	0.36375	0	0	273.84 *
		31.17	529604.5	183541.1	17.3	0	0	0.36148	0	0	273.84 *
		31.673	529604.5	183540.6	17.3	0	0	0.35917	0	0	273.84 *
11	11	0	529621.4	183565.7	17.3	0	0	0.09	0	0	9.8112 *
		0.48392	529621.9	183565.8	17.3	0	0	0.03961	0	0	9.8112 *
		0.96785	529622.4	183565.9	17.3	0	0	0.03349	0	0	9.8112 *
		1.4518	529622.8	183566	17.3	0	0	0.02655	0	0	9.8112 *
		1.9357	529623.3	183566.1	17.3	0	0	0.01871	0	0	9.8112 *
		2.4196	529623.8	183566.1	17.3	0	0	0.0099	0	0	9.8112 *
		2.9035	529624.3	183566.2	17.3	0	0	8.00E-05	0	0	9.8112 *
		3.3875	529624.7	183566.3	17.3	0	0	-0.01079	0	0	9.8112 *
		3.8714	529625.2	183566.4	17.3	0	0	-0.02271	0	0	9.8112 *
		4.3553	529625.7	183566.5	17.3	0	0	-0.03565	0	0	9.8112 *
		4.8392	529626.2	183566.5	17.3	0	0	-0.04957	0	0	9.8112 *
		5.3232	529626.6	183566.6	17.3	0	0	-0.06435	0	0	9.8112 *
		5.8071	529627.1	183566.7	17.3	0	0	-0.07986	0	0	9.8112 *
		6.291	529627.6	183566.8	17.3	0	0	-0.1918	0	0	9.8112 *
12	12	0	529621.4	183565.7	17.3	0	0	0.09	0	0	274.07 *
		0.50403	529621.4	183565.2	17.3	0	0	0.04108	0	0	274.07 *
		1.0081	529621.5	183564.7	17.3	0	0	0.04386	0	0	274.07 *
		1.5121	529621.5	183564.2	17.3	0	0	0.05173	0	0	274.07 *
		2.0161	529621.5	183563.7	17.3	0	0	0.06344	0	0	274.07 *
		2.5202	529621.6	183563.2	17.3	0	0	0.07795	0	0	274.07 *
		3.0242	529621.6	183562.7	17.3	0	0	0.09445	0	0	274.07 *
		3.5282	529621.7	183562.2	17.3	0	0	0.11228	0	0	274.07 *
		4.0322	529621.7	183561.7	17.3	0	0	0.1309	0	0	274.07 *
		4.5363	529621.7	183561.2	17.3	0	0	0.14989	0	0	274.07 *
		5.0403	529621.8	183560.7	17.3	0	0	0.16893	0	0	274.07 *
		5.5443	529621.8	183560.2	17.3	0	0	0.18775	0	0	274.07 *
		6.0484	529621.8	183559.7	17.3	0	0	0.20614	0	0	274.07 *
		6.5524	529621.9	183559.2	17.3	0	0	0.22396	0	0	274.07 *
		7.0564	529621.9	183558.7	17.3	0	0	0.24109	0	0	274.07 *
		7.5605	529621.9	183558.2	17.3	0	0	0.25745	0	0	274.07 *
		8.0645	529622	183557.7	17.3	0	0	0.27298	0	0	274.07 *
		8.5685	529622	183557.2	17.3	0	0	0.28764	0	0	274.07 *
		9.0725	529622	183556.7	17.3	0	0	0.30141	0	0	274.07 *
		9.5766	529622.1	183556.2	17.3	0	0	0.3143	0	0	274.07 *
		10.081	529622.1	183555.7	17.3	0	0	0.3263	0	0	274.07 *
		10.585	529622.2	183555.2	17.3	0	0	0.33743	0	0	274.07 *
		11.089	529622.2	183554.7	17.3	0	0	0.34771	0	0	274.07 *
		11.593	529622.2	183554.2	17.3	0	0	0.35716	0	0	274.07 *
		12.097	529622.3	183553.7	17.3	0	0	0.36582	0	0	274.07 *
		12.601	529622.3	183553.2	17.3	0	0	0.37371	0	0	274.07 *
		13.105	529622.3	183552.7	17.3	0	0	0.38086	0	0	274.07 *
		13.609	529622.4	183552.2	17.3	0	0	0.38732	0	0	274.07 *
		14.113	529622.4	183551.6	17.3	0	0	0.3931	0	0	274.07 *
		14.617	529622.4	183551.1	17.3	0	0	0.39826	0	0	274.07 *
		15.121	529622.5	183550.6	17.3	0	0	0.40281	0	0	274.07 *
		15.625	529622.5	183550.1	17.3	0	0	0.4068	0	0	274.07 *
		16.129	529622.5	183549.6	17.3	0	0	0.41025	0	0	274.07 *
		16.633	529622.6	183549.1	17.3	0	0	0.41321	0	0	274.07 *
		17.137	529622.6	183548.6	17.3	0	0	0.41569	0	0	274.07 *
		17.641	529622.7	183548.1	17.3	0	0	0.41772	0	0	274.07 *
		18.145	529622.7	183547.6	17.3	0	0	0.41934	0	0	274.07 *
		18.649	529622.7	183547.1	17.3	0	0	0.42057	0	0	274.07 *
		19.153	529622.8	183546.6	17.3	0	0	0.42144	0	0	274.07 *
		19.657	529622.8	183546.1	17.3	0	0	0.42196	0	0	274.07 *
		20.161	529622.8	183545.6	17.3	0	0	0.42217	0	0	274.07 *
		20.665	529622.9	183545.1	17.3	0	0	0.42209	0	0	274.07 *
		21.169	529622.9	183544.6	17.3	0	0	0.42172	0	0	274.07 *
		21.673	529622.9	183544.1	17.3	0	0	0.42111	0	0	274.07 *
		22.177	529623	183543.6	17.3	0	0	0.42025	0	0	274.07 *
		22.681	529623	183543.1	17.3	0	0	0.41918	0	0	274.07 *
		23.185	529623	183542.6	17.3	0	0	0.4179	0	0	274.07 *
		23.689	529623.1	183542.1	17.3	0	0	0.41643	0	0	274.07 *
		24.193	529623.1	183541.6	17.3	0	0	0.41479	0	0	274.07 *
		24.697	529623.2	183541.1	17.3	0	0	0.41299	0	0	274.07 *
		25.202	529623.2	183540.6	17.3	0	0	0.82208	0	0	274.07 *
13	13	0	529627.6	183566.8	17.3	0	0	-0.1918	0	0	267.87 *
		0.50439	529627.6	183566.3	17.3	0	0	-0.08638	0	0	267.87 *
		1.0088	529627.6	183565.8	17.3	0	0	-0.07198	0	0	267.87 *
		1.5132	529627.5	183565.3	17.3	0	0	-0.05389	0	0	267.87 *
		2.0175	529627.5	183564.8	17.3	0	0	-0.03309	0	0	267.87 *
		2.5219	529627.5	183564.3	17.3	0	0	-0.01038	0	0	267.87 *
		3.0263	529627.5	183563.8	17.3	0	0	0.01359	0	0	267.87 *
		3.5307	529627.5	183563.3	17.3	0	0	0.03829	0	0	267.87 *
		4.0351	529627.4	183562.8	17.3	0	0	0.06326	0	0	267.87 *
		4.5395	529627.4	183562.3	17.3	0	0	0.08818	0	0	267.87 *
		5.0439	529627.4	183561.8	17.3	0	0	0.11275	0	0	267.87 *
		5.5482	529627.4	183561.3	17.3	0	0	0.13676	0	0	267.87 *
		6.0526	529627.4	183560.7	17.3	0	0	0.16003	0	0	267.87 *
		6.557	529627.4	183560.2	17.3	0	0	0.18243	0	0	267.87 *
		7.0614	529627.3	183559.7	17.3	0	0	0.20388	0	0	267.87 *
		7.5658	529627.3	183559.2	17.3	0	0	0.22429	0	0	267.87 *
		8.0702	529627.3	183558.7	17.3	0	0	0.24363	0	0	267.87 *
		8.5746	529627.3	183558.2	17.3	0	0	0.26188	0	0	267.87 *
		9.0789	529627.3	183557.7	17.3	0	0	0.27902	0	0	267.87 *
		9.5833	529627.2	183557.2	17.3	0	0	0.29506	0	0	267.87 *
		10.088	529627.2	183556.7	17.3	0	0	0.31001	0	0	267.87 *
		10.592	529627.2	183556.2	17.3	0	0	0.32389	0	0	267.87 *
		11.096	529627.2	183555.7	17.3	0	0	0.33674	0	0	267.87 *
		11.601	529627.2	183555.2	17.3	0	0	0.34859	0	0	267.87 *
		12.105	529627.1	183554.7	17.3	0	0	0.35946	0	0	267.87 *
		12.61	529627.1	183554.2	17.3	0	0	0.36942	0	0	267.87 *
		13.114	529627.1	183553.7	17.3	0	0	0.37848	0	0	267.87 *
		13.618	529627.1	183553.2	17.3	0	0	0.38669	0	0	267.87 *
		14.123	529627.1	183552.7	17.3	0	0	0.39411	0	0	267.87 *
		14.627	529627.1	183552.2	17.3	0	0	0.40075	0	0	267.87 *
		15.132	529627	183551.7	17.3	0	0	0.40668	0	0	267.87 *
		15.636	529627	183551.2	17.3	0	0	0.41192	0	0	267.87 *
		16.14	529627	183550.7	17.3	0	0	0.41652	0	0	267.87 *
		16.645	529627	183550.2	17.3	0	0	0.42051	0	0	267.87 *
		17.149	529627	183549.7	17.3	0	0	0.42394	0	0	267.87 *

		17.653	529626.9	183549.2	17.3	0	0	0.42683	0	0	267.87	*
		18.158	529626.9	183548.7	17.3	0	0	0.42921	0	0	267.87	*
		18.662	529626.9	183548.1	17.3	0	0	0.43113	0	0	267.87	*
		19.167	529626.9	183547.6	17.3	0	0	0.43261	0	0	267.87	*
		19.671	529626.9	183547.1	17.3	0	0	0.43368	0	0	267.87	*
		20.175	529626.9	183546.6	17.3	0	0	0.43437	0	0	267.87	*
		20.68	529626.8	183546.1	17.3	0	0	0.43471	0	0	267.87	*
		21.184	529626.8	183545.6	17.3	0	0	0.43471	0	0	267.87	*
		21.689	529626.8	183545.1	17.3	0	0	0.43441	0	0	267.87	*
		22.193	529626.8	183544.6	17.3	0	0	0.43382	0	0	267.87	*
		22.697	529626.8	183544.1	17.3	0	0	0.43296	0	0	267.87	*
		23.202	529626.7	183543.6	17.3	0	0	0.43186	0	0	267.87	*
		23.706	529626.7	183543.1	17.3	0	0	0.43054	0	0	267.87	*
		24.211	529626.7	183542.6	17.3	0	0	0.42901	0	0	267.87	*
		24.715	529626.7	183542.1	17.3	0	0	0.42728	0	0	267.87	*
		25.219	529626.7	183541.6	17.3	0	0	0.42538	0	0	267.87	*
		25.724	529626.6	183541.1	17.3	0	0	0.42331	0	0	267.87	*
		26.228	529626.6	183540.6	17.3	0	0	0.84218	0	0	267.87	*
14	14	0	529623.2	183540.6	17.3	0	0	0.82208	0	0	0	*
		0.49114	529623.7	183540.6	17.3	0	0	0.41247	0	0	0	*
		0.98229	529624.2	183540.6	17.3	0	0	0.4139	0	0	0	*
		1.4734	529624.7	183540.6	17.3	0	0	0.41533	0	0	0	*
		1.9646	529625.2	183540.6	17.3	0	0	0.41676	0	0	0	*
		2.4557	529625.6	183540.6	17.3	0	0	0.4182	0	0	0	*
		2.9469	529626.1	183540.6	17.3	0	0	0.41965	0	0	0	*
		3.438	529626.6	183540.6	17.3	0	0	0.84218	0	0	0	*
15	15	0	529640.8	183560.3	18	0	0	0.66596	0	0	32.578	*
		0.50016	529641.2	183560.6	18	0	0	0.32759	0	0	32.578	*
		1.0003	529641.7	183560.9	18	0	0	0.32203	0	0	32.578	*
		1.5005	529642.1	183561.1	18	0	0	0.31631	0	0	32.578	*
		2.0006	529642.5	183561.4	18	0	0	0.31044	0	0	32.578	*
		2.5008	529642.9	183561.7	18	0	0	0.30441	0	0	32.578	*
		3.0009	529643.3	183562	18	0	0	0.29825	0	0	32.578	*
		3.5011	529643.8	183562.2	18	0	0	0.29198	0	0	32.578	*
		4.0013	529644.2	183562.5	18	0	0	0.2856	0	0	32.578	*
		4.5014	529644.6	183562.8	18	0	0	0.27915	0	0	32.578	*
		5.0016	529645	183563	18	0	0	0.27266	0	0	32.578	*
		5.5017	529645.4	183563.3	18	0	0	0.26617	0	0	32.578	*
		6.0019	529645.9	183563.6	18	0	0	0.2597	0	0	32.578	*
		6.502	529646.3	183563.8	18	0	0	0.25332	0	0	32.578	*
		7.0022	529646.7	183564.1	18	0	0	0.24706	0	0	32.578	*
		7.5023	529647.1	183564.4	18	0	0	0.241	0	0	32.578	*
		8.0025	529647.6	183564.6	18	0	0	0.23519	0	0	32.578	*
		8.5027	529648	183564.9	18	0	0	0.2297	0	0	32.578	*
		9.0028	529648.4	183565.2	18	0	0	0.22459	0	0	32.578	*
		9.503	529648.8	183565.5	18	0	0	0.21994	0	0	32.578	*
		10.003	529649.2	183565.7	18	0	0	0.21581	0	0	32.578	*
		10.503	529649.7	183566	18	0	0	0.21226	0	0	32.578	*
		11.003	529650.1	183566.3	18	0	0	0.20934	0	0	32.578	*
		11.504	529650.5	183566.5	18	0	0	0.2071	0	0	32.578	*
		12.004	529650.9	183566.8	18	0	0	0.20556	0	0	32.578	*
		12.504	529651.3	183567.1	18	0	0	0.2047	0	0	32.578	*
		13.004	529651.8	183567.3	18	0	0	0.40902	0	0	32.578	*
16	16	0	529640.8	183560.3	18	0	0	0.66596	0	0	302.95	*
		0.49835	529641.1	183559.9	18	0	0	0.3505	0	0	302.95	*
		0.9967	529641.4	183559.5	18	0	0	0.36701	0	0	302.95	*
		1.4951	529641.6	183559.1	18	0	0	0.38252	0	0	302.95	*
		1.9934	529641.9	183558.7	18	0	0	0.39707	0	0	302.95	*
		2.4918	529642.2	183558.3	18	0	0	0.41069	0	0	302.95	*
		2.9901	529642.4	183557.8	18	0	0	0.4234	0	0	302.95	*
		3.4885	529642.7	183557.4	18	0	0	0.43523	0	0	302.95	*
		3.9868	529643	183557	18	0	0	0.44621	0	0	302.95	*
		4.4852	529643.2	183556.6	18	0	0	0.45639	0	0	302.95	*
		4.9835	529643.5	183556.2	18	0	0	0.46578	0	0	302.95	*
		5.4819	529643.8	183555.7	18	0	0	0.47442	0	0	302.95	*
		5.9802	529644.1	183555.3	18	0	0	0.48234	0	0	302.95	*
		6.4786	529644.3	183554.9	18	0	0	0.48957	0	0	302.95	*
		6.9769	529644.6	183554.5	18	0	0	0.49614	0	0	302.95	*
		7.4753	529644.9	183554.1	18	0	0	0.50208	0	0	302.95	*
		7.9736	529645.1	183553.7	18	0	0	0.50742	0	0	302.95	*
		8.472	529645.4	183553.2	18	0	0	0.51219	0	0	302.95	*
		8.9703	529645.7	183552.8	18	0	0	0.51641	0	0	302.95	*
		9.4687	529646	183552.4	18	0	0	0.52012	0	0	302.95	*
		9.967	529646.2	183552	18	0	0	0.52333	0	0	302.95	*
		10.465	529646.5	183551.6	18	0	0	0.52607	0	0	302.95	*
		10.964	529646.8	183551.1	18	0	0	0.52837	0	0	302.95	*
		11.462	529647	183550.7	18	0	0	0.53024	0	0	302.95	*
		11.96	529647.3	183550.3	18	0	0	0.53172	0	0	302.95	*
		12.459	529647.6	183549.9	18	0	0	0.53282	0	0	302.95	*
		12.957	529647.9	183549.5	18	0	0	0.53357	0	0	302.95	*
		13.455	529648.1	183549.1	18	0	0	0.53397	0	0	302.95	*
		13.954	529648.4	183548.6	18	0	0	0.53406	0	0	302.95	*
		14.452	529648.7	183548.2	18	0	0	0.53385	0	0	302.95	*
		14.951	529648.9	183547.8	18	0	0	0.53336	0	0	302.95	*
		15.449	529649.2	183547.4	18	0	0	0.5326	0	0	302.95	*
		15.947	529649.5	183547	18	0	0	0.53159	0	0	302.95	*
		16.446	529649.8	183546.5	18	0	0	0.53035	0	0	302.95	*
		16.944	529650	183546.1	18	0	0	0.52888	0	0	302.95	*
		17.442	529650.3	183545.7	18	0	0	0.52722	0	0	302.95	*
		17.941	529650.6	183545.3	18	0	0	0.52535	0	0	302.95	*
		18.439	529650.8	183544.9	18	0	0	0.52331	0	0	302.95	*
		18.937	529651.1	183544.5	18	0	0	0.5211	0	0	302.95	*
		19.436	529651.4	183544	18	0	0	0.51874	0	0	302.95	*
		19.934	529651.7	183543.6	18	0	0	0.51623	0	0	302.95	*
		20.432	529651.9	183543.2	18	0	0	0.51358	0	0	302.95	*
		20.931	529652.2	183542.8	18	0	0	0.51081	0	0	302.95	*
		21.429	529652.5	183542.4	18	0	0	0.50792	0	0	302.95	*
		21.927	529652.7	183541.9	18	0	0	1.0099	0	0	302.95	*
17	17	0	529651.8	183567.3	18	0	0	0.40902	0	0	302.97	*
		0.4993	529652	183566.9	18	0	0	0.21916	0	0	302.97	*
		0.9986	529652.3	183566.5	18	0	0	0.23557	0	0	302.97	*
		1.4979	529652.6	183566.1	18	0	0	0.25325	0	0	302.97	*
		1.9972	529652.9	183565.7	18	0	0	0.27179	0	0	302.97	*
		2.4965	529653.1	183565.2	18	0	0	0.29086	0	0	302.97	*
		2.9958	529653.4	183564.8	18	0	0	0.31014	0	0	302.97	*
		3.4951	529653.7	183564.4	18	0	0	0.32941	0	0	302.97	*
		3.9944	529653.9	183564	18	0	0	0.34844	0	0	302.97	*
		4.4937	529654.2	183563.6	18	0	0	0.36706	0	0	302.97	*
		4.993	529654.5	183563.2	18	0	0	0.38515	0	0	302.97	*
		5.4923	529654.8	183562.7	18	0	0	0.40259	0	0	302.97	*
		5.9916	529655	183562.3	18	0	0	0.4193	0	0	302.97	*
		6.4909	529655.3	183561.9	18	0	0	0.43521	0	0	302.97	*
		6.9902	529655.6	183561.5	18	0	0	0.45027	0	0	302.97	*
		7.4895	529655.8	183561.1	18	0	0	0.46447	0	0	302.97	*
		7.9888	529656.1	183560.6	18	0	0	0.47778	0	0	302.97	*
		8.4881	529656.4	183560.2	18	0	0	0.4902	0	0	302.97	*
		8.9874	529656.7	183559.8	18	0	0	0.50172	0	0	302.97	*
		9.4867	529656.9	183559.4	18	0	0	0.51237	0	0	302.97	*
		9.986	529657.2	183559	18	0	0	0.52215	0	0	302.97	*
		10.485	529657.5	183558.5	18	0	0	0.53109	0	0	302.97	*
		10.985	529657.7	183558.1	18	0	0	0.53921	0	0	302.97	*
		11.484	529658	183557.7	18	0	0	0.54654	0	0	302.97	*

		11.983	529658.3	183557.3	18	0	0	0.5531	0	0	302.97 *
		12.483	529658.6	183556.9	18	0	0	0.55893	0	0	302.97 *
		12.982	529658.8	183556.5	18	0	0	0.56407	0	0	302.97 *
		13.481	529659.1	183556	18	0	0	0.56854	0	0	302.97 *
		13.98	529659.4	183555.6	18	0	0	0.57237	0	0	302.97 *
		14.48	529659.6	183555.2	18	0	0	0.5756	0	0	302.97 *
		14.979	529659.9	183554.8	18	0	0	0.57825	0	0	302.97 *
		15.478	529660.2	183554.4	18	0	0	0.58037	0	0	302.97 *
		15.978	529660.5	183553.9	18	0	0	0.58197	0	0	302.97 *
		16.477	529660.7	183553.5	18	0	0	0.5831	0	0	302.97 *
		16.976	529661	183553.1	18	0	0	0.58377	0	0	302.97 *
		17.476	529661.3	183552.7	18	0	0	0.58402	0	0	302.97 *
		17.975	529661.5	183552.3	18	0	0	0.58387	0	0	302.97 *
		18.474	529661.8	183551.8	18	0	0	0.58335	0	0	302.97 *
		18.973	529662.1	183551.4	18	0	0	0.58247	0	0	302.97 *
		19.473	529662.4	183551	18	0	0	0.58127	0	0	302.97 *
		19.972	529662.6	183550.6	18	0	0	0.57977	0	0	302.97 *
		20.471	529662.9	183550.2	18	0	0	0.57798	0	0	302.97 *
		20.971	529663.2	183549.7	18	0	0	0.57594	0	0	302.97 *
		21.47	529663.4	183549.3	18	0	0	0.57364	0	0	302.97 *
		21.969	529663.7	183548.9	18	0	0	0.57112	0	0	302.97 *
		22.469	529664	183548.5	18	0	0	1.1368	0	0	302.97 *
18	18	0	529652.7	183541.9	18	0	0	1.0099	0	0	30.197 *
		0.50094	529653.2	183542.2	18	0	0	0.50753	0	0	30.197 *
		1.0019	529653.6	183542.4	18	0	0	0.51013	0	0	30.197 *
		1.5028	529654	183542.7	18	0	0	0.51271	0	0	30.197 *
		2.0038	529654.5	183542.9	18	0	0	0.51529	0	0	30.197 *
		2.5047	529654.9	183543.2	18	0	0	0.51784	0	0	30.197 *
		3.0056	529655.3	183543.5	18	0	0	0.52039	0	0	30.197 *
		3.5066	529655.8	183543.7	18	0	0	0.52292	0	0	30.197 *
		4.0075	529656.2	183544	18	0	0	0.52544	0	0	30.197 *
		4.5085	529656.6	183544.2	18	0	0	0.52794	0	0	30.197 *
		5.0094	529657.1	183544.5	18	0	0	0.53044	0	0	30.197 *
		5.5103	529657.5	183544.7	18	0	0	0.53291	0	0	30.197 *
		6.0113	529657.9	183545	18	0	0	0.53538	0	0	30.197 *
		6.5122	529658.4	183545.2	18	0	0	0.53783	0	0	30.197 *
		7.0132	529658.8	183545.5	18	0	0	0.54026	0	0	30.197 *
		7.5141	529659.2	183545.7	18	0	0	0.54268	0	0	30.197 *
		8.015	529659.7	183546	18	0	0	0.54509	0	0	30.197 *
		8.516	529660.1	183546.2	18	0	0	0.54748	0	0	30.197 *
		9.0169	529660.5	183546.5	18	0	0	0.54986	0	0	30.197 *
		9.5178	529661	183546.7	18	0	0	0.55223	0	0	30.197 *
		10.019	529661.4	183547	18	0	0	0.55458	0	0	30.197 *
		10.52	529661.8	183547.2	18	0	0	0.55692	0	0	30.197 *
		11.021	529662.3	183547.5	18	0	0	0.55924	0	0	30.197 *
		11.522	529662.7	183547.7	18	0	0	0.56155	0	0	30.197 *
		12.023	529663.1	183548	18	0	0	0.56384	0	0	30.197 *
		12.523	529663.6	183548.2	18	0	0	0.56613	0	0	30.197 *
		13.024	529664	183548.5	18	0	0	1.1368	0	0	30.197 *
19	19	0	529659.1	183572	18.5	0	0	0.29438	0	0	32.194 *
		0.50201	529659.5	183572.2	18.5	0	0	0.12006	0	0	32.194 *
		1.004	529660	183572.5	18.5	0	0	0.0916	0	0	32.194 *
		1.506	529660.4	183572.8	18.5	0	0	0.06279	0	0	32.194 *
		2.008	529660.8	183573	18.5	0	0	0.03459	0	0	32.194 *
		2.51	529661.2	183573.3	18.5	0	0	0.00789	0	0	32.194 *
		3.012	529661.7	183573.6	18.5	0	0	-0.01654	0	0	32.194 *
		3.514	529662.1	183573.8	18.5	0	0	-0.03808	0	0	32.194 *
		4.0161	529662.5	183574.1	18.5	0	0	-0.05621	0	0	32.194 *
		4.5181	529662.9	183574.4	18.5	0	0	-0.07059	0	0	32.194 *
		5.0201	529663.4	183574.6	18.5	0	0	-0.08092	0	0	32.194 *
		5.5221	529663.8	183574.9	18.5	0	0	-0.08704	0	0	32.194 *
		6.0241	529664.2	183575.2	18.5	0	0	-0.08881	0	0	32.194 *
		6.5261	529664.6	183575.4	18.5	0	0	-0.08617	0	0	32.194 *
		7.0281	529665.1	183575.7	18.5	0	0	-0.07905	0	0	32.194 *
		7.5301	529665.5	183576	18.5	0	0	-0.06743	0	0	32.194 *
		8.0321	529665.9	183576.2	18.5	0	0	-0.05128	0	0	32.194 *
		8.5341	529666.3	183576.5	18.5	0	0	-0.03057	0	0	32.194 *
		9.0361	529666.8	183576.8	18.5	0	0	-0.00526	0	0	32.194 *
		9.5381	529667.2	183577	18.5	0	0	0.0247	0	0	32.194 *
		10.04	529667.6	183577.3	18.5	0	0	0.05939	0	0	32.194 *
		10.542	529668	183577.6	18.5	0	0	0.09889	0	0	32.194 *
		11.044	529668.5	183577.9	18.5	0	0	0.14332	0	0	32.194 *
		11.546	529668.9	183578.1	18.5	0	0	0.19282	0	0	32.194 *
		12.048	529669.3	183578.4	18.5	0	0	0.24755	0	0	32.194 *
		12.55	529669.7	183578.7	18.5	0	0	0.3077	0	0	32.194 *
		13.052	529670.2	183578.9	18.5	0	0	0.37346	0	0	32.194 *
		13.554	529670.6	183579.2	18.5	0	0	0.44508	0	0	32.194 *
		14.056	529671	183579.5	18.5	0	0	1.0456	0	0	32.194 *
20	20	0	529659.1	183572	18.5	0	0	0.29438	0	0	301.56 *
		0.49945	529659.4	183571.5	18.5	0	0	0.14776	0	0	301.56 *
		0.9989	529659.6	183571.1	18.5	0	0	0.15622	0	0	301.56 *
		1.4984	529659.9	183570.7	18.5	0	0	0.17045	0	0	301.56 *
		1.9978	529660.2	183570.3	18.5	0	0	0.18883	0	0	301.56 *
		2.4973	529660.4	183569.8	18.5	0	0	0.21011	0	0	301.56 *
		2.9967	529660.7	183569.4	18.5	0	0	0.2333	0	0	301.56 *
		3.4962	529660.9	183569	18.5	0	0	0.25765	0	0	301.56 *
		3.9956	529661.2	183568.6	18.5	0	0	0.28256	0	0	301.56 *
		4.4951	529661.5	183568.1	18.5	0	0	0.30755	0	0	301.56 *
		4.9945	529661.7	183567.7	18.5	0	0	0.33226	0	0	301.56 *
		5.494	529662	183567.3	18.5	0	0	0.35641	0	0	301.56 *
		5.9934	529662.2	183566.9	18.5	0	0	0.3798	0	0	301.56 *
		6.4929	529662.5	183566.4	18.5	0	0	0.40225	0	0	301.56 *
		6.9923	529662.8	183566	18.5	0	0	0.42366	0	0	301.56 *
		7.4918	529663	183565.6	18.5	0	0	0.44395	0	0	301.56 *
		7.9912	529663.3	183565.2	18.5	0	0	0.46307	0	0	301.56 *
		8.4907	529663.6	183564.7	18.5	0	0	0.48099	0	0	301.56 *
		8.9901	529663.8	183564.3	18.5	0	0	0.4977	0	0	301.56 *
		9.4896	529664.1	183563.9	18.5	0	0	0.5132	0	0	301.56 *
		9.989	529664.3	183563.5	18.5	0	0	0.52752	0	0	301.56 *
		10.488	529664.6	183563	18.5	0	0	0.54067	0	0	301.56 *
		10.988	529664.9	183562.6	18.5	0	0	0.5527	0	0	301.56 *
		11.487	529665.1	183562.2	18.5	0	0	0.56364	0	0	301.56 *
		11.987	529665.4	183561.8	18.5	0	0	0.57352	0	0	301.56 *
		12.486	529665.6	183561.3	18.5	0	0	0.5824	0	0	301.56 *
		12.986	529665.9	183560.9	18.5	0	0	0.59031	0	0	301.56 *
		13.485	529666.2	183560.5	18.5	0	0	0.59731	0	0	301.56 *
		13.985	529666.4	183560.1	18.5	0	0	0.60344	0	0	301.56 *
		14.484	529666.7	183559.6	18.5	0	0	0.60874	0	0	301.56 *
		14.984	529667	183559.2	18.5	0	0	0.61326	0	0	301.56 *
		15.483	529667.2	183558.8	18.5	0	0	0.61705	0	0	301.56 *
		15.982	529667.5	183558.3	18.5	0	0	0.62014	0	0	301.56 *
		16.482	529667.7	183557.9	18.5	0	0	0.62258	0	0	301.56 *
		16.981	529668	183557.5	18.5	0	0	0.62441	0	0	301.56 *
		17.481	529668.3	183557.1	18.5	0	0	0.62567	0	0	301.56 *
		17.98	529668.5	183556.6	18.5	0	0	0.62638	0	0	301.56 *
		18.48	529668.8	183556.2	18.5	0	0	0.6266	0	0	301.56 *
		18.979	529669	183555.8	18.5	0	0	0.62635	0	0	301.56 *
		19.479	529669.3	183555.4	18.5	0	0	0.62566	0	0	301.56 *
		19.978	529669.6	183554.9	18.5	0	0	0.62457	0	0	301.56 *
		20.478	529669.8	183554.5	18.5	0	0	0.62309	0	0	301.56 *
		20.977	529670.1	183554.1	18.5	0	0	0.62127	0	0	301.56 *
		21.476	529670.3	183553.7	18.5	0	0	0.61913	0	0	301.56 *

		21.976	529670.6	183553.2	18.5	0	0	0.61668	0	0	301.56	*
		22.475	529670.9	183552.8	18.5	0	0	0.61396	0	0	301.56	*
		22.975	529671.1	183552.4	18.5	0	0	0.61099	0	0	301.56	*
		23.474	529671.4	183552	18.5	0	0	0.60778	0	0	301.56	*
		23.974	529671.7	183551.5	18.5	0	0	0.60435	0	0	301.56	*
		24.473	529671.9	183551.1	18.5	0	0	0.60073	0	0	301.56	*
		24.973	529672.2	183550.7	18.5	0	0	0.59693	0	0	301.56	*
		25.472	529672.4	183550.3	18.5	0	0	0.59296	0	0	301.56	*
		25.972	529672.7	183549.8	18.5	0	0	0.58885	0	0	301.56	*
		26.471	529673	183549.4	18.5	0	0	0.5846	0	0	301.56	*
		26.97	529673.2	183549	18.5	0	0	0.58023	0	0	301.56	*
		27.47	529673.5	183548.6	18.5	0	0	0.57575	0	0	301.56	*
		27.969	529673.7	183548.1	18.5	0	0	0.57117	0	0	301.56	*
		28.469	529674	183547.7	18.5	0	0	0.5665	0	0	301.56	*
		28.968	529674.3	183547.3	18.5	0	0	0.56176	0	0	301.56	*
		29.468	529674.5	183546.9	18.5	0	0	0.55695	0	0	301.56	*
		29.967	529674.8	183546.4	18.5	0	0	0.55208	0	0	301.56	*
		30.467	529675.1	183546	18.5	0	0	0.54716	0	0	301.56	*
		30.966	529675.3	183545.6	18.5	0	0	0.5422	0	0	301.56	*
		31.465	529675.6	183545.2	18.5	0	0	0.5372	0	0	301.56	*
		31.965	529675.8	183544.7	18.5	0	0	0.53218	0	0	301.56	*
		32.464	529676.1	183544.3	18.5	0	0	0.52713	0	0	301.56	*
		32.964	529676.4	183543.9	18.5	0	0	0.52207	0	0	301.56	*
		33.463	529676.6	183543.5	18.5	0	0	0.51699	0	0	301.56	*
		33.963	529676.9	183543	18.5	0	0	0.51191	0	0	301.56	*
		34.462	529677.1	183542.6	18.5	0	0	0.50683	0	0	301.56	*
		34.962	529677.4	183542.2	18.5	0	0	0.50175	0	0	301.56	*
		35.461	529677.7	183541.8	18.5	0	0	0.49667	0	0	301.56	*
		35.961	529677.9	183541.3	18.5	0	0	0.49161	0	0	301.56	*
		36.46	529678.2	183540.9	18.5	0	0	0.48656	0	0	301.56	*
		36.959	529678.5	183540.5	18.5	0	0	0.48153	0	0	301.56	*
		37.459	529678.7	183540	18.5	0	0	0.47652	0	0	301.56	*
		37.958	529679	183539.6	18.5	0	0	0.47153	0	0	301.56	*
		38.458	529679.2	183539.2	18.5	0	0	0.46656	0	0	301.56	*
		38.957	529679.5	183538.8	18.5	0	0	0.46162	0	0	301.56	*
		39.457	529679.8	183538.3	18.5	0	0	0.45672	0	0	301.56	*
		39.956	529680	183537.9	18.5	0	0	0.45184	0	0	301.56	*
		40.456	529680.3	183537.5	18.5	0	0	0.894	0	0	301.56	*
21	21	0	529671	183579.5	18.5	0	0	1.0456	0	0	303.11	*
		0.5028	529671.3	183579	18.5	0	0	0.46976	0	0	303.11	*
		1.0056	529671.6	183578.6	18.5	0	0	0.4313	0	0	303.11	*
		1.5084	529671.8	183578.2	18.5	0	0	0.40479	0	0	303.11	*
		2.0112	529672.1	183577.8	18.5	0	0	0.38803	0	0	303.11	*
		2.514	529672.4	183577.4	18.5	0	0	0.37924	0	0	303.11	*
		3.0168	529672.7	183576.9	18.5	0	0	0.3769	0	0	303.11	*
		3.5196	529672.9	183576.5	18.5	0	0	0.37974	0	0	303.11	*
		4.0224	529673.2	183576.1	18.5	0	0	0.3867	0	0	303.11	*
		4.5252	529673.5	183575.7	18.5	0	0	0.39687	0	0	303.11	*
		5.028	529673.7	183575.2	18.5	0	0	0.40948	0	0	303.11	*
		5.5308	529674	183574.8	18.5	0	0	0.42388	0	0	303.11	*
		6.0336	529674.3	183574.4	18.5	0	0	0.43955	0	0	303.11	*
		6.5364	529674.6	183574	18.5	0	0	0.45601	0	0	303.11	*
		7.0392	529674.8	183573.6	18.5	0	0	0.47289	0	0	303.11	*
		7.542	529675.1	183573.1	18.5	0	0	0.48988	0	0	303.11	*
		8.0448	529675.4	183572.7	18.5	0	0	0.50673	0	0	303.11	*
		8.5476	529675.7	183572.3	18.5	0	0	0.52322	0	0	303.11	*
		9.0504	529675.9	183571.9	18.5	0	0	0.53919	0	0	303.11	*
		9.5532	529676.2	183571.5	18.5	0	0	0.55451	0	0	303.11	*
		10.056	529676.5	183571	18.5	0	0	0.56907	0	0	303.11	*
		10.559	529676.8	183570.6	18.5	0	0	0.58281	0	0	303.11	*
		11.062	529677	183570.2	18.5	0	0	0.59568	0	0	303.11	*
		11.564	529677.3	183569.8	18.5	0	0	0.60764	0	0	303.11	*
		12.067	529677.6	183569.3	18.5	0	0	0.61867	0	0	303.11	*
		12.57	529677.9	183568.9	18.5	0	0	0.62876	0	0	303.11	*
		13.073	529678.1	183568.5	18.5	0	0	0.63793	0	0	303.11	*
		13.576	529678.4	183568.1	18.5	0	0	0.64618	0	0	303.11	*
		14.078	529678.7	183567.7	18.5	0	0	0.65354	0	0	303.11	*
		14.581	529679	183567.2	18.5	0	0	0.66002	0	0	303.11	*
		15.084	529679.2	183566.8	18.5	0	0	0.66566	0	0	303.11	*
		15.587	529679.5	183566.4	18.5	0	0	0.67049	0	0	303.11	*
		16.09	529679.8	183566	18.5	0	0	0.67454	0	0	303.11	*
		16.592	529680.1	183565.6	18.5	0	0	0.67786	0	0	303.11	*
		17.095	529680.3	183565.1	18.5	0	0	0.68046	0	0	303.11	*
		17.598	529680.6	183564.7	18.5	0	0	0.6824	0	0	303.11	*
		18.101	529680.9	183564.3	18.5	0	0	0.68371	0	0	303.11	*
		18.604	529681.2	183563.9	18.5	0	0	0.68442	0	0	303.11	*
		19.106	529681.4	183563.5	18.5	0	0	0.68457	0	0	303.11	*
		19.609	529681.7	183563	18.5	0	0	0.68419	0	0	303.11	*
		20.112	529682	183562.6	18.5	0	0	0.68333	0	0	303.11	*
		20.615	529682.3	183562.2	18.5	0	0	0.682	0	0	303.11	*
		21.118	529682.5	183561.8	18.5	0	0	0.68025	0	0	303.11	*
		21.62	529682.8	183561.3	18.5	0	0	0.67809	0	0	303.11	*
		22.123	529683.1	183560.9	18.5	0	0	0.67557	0	0	303.11	*
		22.626	529683.4	183560.5	18.5	0	0	0.6727	0	0	303.11	*
		23.129	529683.6	183560.1	18.5	0	0	0.66952	0	0	303.11	*
		23.632	529683.9	183559.7	18.5	0	0	0.66605	0	0	303.11	*
		24.134	529684.2	183559.2	18.5	0	0	0.66231	0	0	303.11	*
		24.637	529684.5	183558.8	18.5	0	0	0.65832	0	0	303.11	*
		25.14	529684.7	183558.4	18.5	0	0	0.65411	0	0	303.11	*
		25.643	529685	183558	18.5	0	0	0.6497	0	0	303.11	*
		26.146	529685.3	183557.6	18.5	0	0	0.6451	0	0	303.11	*
		26.648	529685.6	183557.1	18.5	0	0	0.64032	0	0	303.11	*
		27.151	529685.8	183556.7	18.5	0	0	0.6354	0	0	303.11	*
		27.654	529686.1	183556.3	18.5	0	0	0.63034	0	0	303.11	*
		28.157	529686.4	183555.9	18.5	0	0	0.62516	0	0	303.11	*
		28.66	529686.7	183555.4	18.5	0	0	0.61987	0	0	303.11	*
		29.162	529686.9	183555	18.5	0	0	0.61448	0	0	303.11	*
		29.665	529687.2	183554.6	18.5	0	0	0.60901	0	0	303.11	*
		30.168	529687.5	183554.2	18.5	0	0	0.60347	0	0	303.11	*
		30.671	529687.8	183553.8	18.5	0	0	0.59786	0	0	303.11	*
		31.174	529688	183553.3	18.5	0	0	0.5922	0	0	303.11	*
		31.676	529688.3	183552.9	18.5	0	0	0.5865	0	0	303.11	*
		32.179	529688.6	183552.5	18.5	0	0	0.58076	0	0	303.11	*
		32.682	529688.9	183552.1	18.5	0	0	0.575	0	0	303.11	*
		33.185	529689.1	183551.7	18.5	0	0	0.56921	0	0	303.11	*
		33.688	529689.4	183551.2	18.5	0	0	0.56341	0	0	303.11	*
		34.19	529689.7	183550.8	18.5	0	0	0.55761	0	0	303.11	*
		34.693	529690	183550.4	18.5	0	0	0.5518	0	0	303.11	*
		35.196	529690.2	183550	18.5	0	0	0.546	0	0	303.11	*
		35.699	529690.5	183549.6	18.5	0	0	0.5402	0	0	303.11	*
		36.202	529690.8	183549.1	18.5	0	0	0.53442	0	0	303.11	*
		36.704	529691.1	183548.7	18.5	0	0	0.52865	0	0	303.11	*
		37.207	529691.3	183548.3	18.5	0	0	0.52291	0	0	303.11	*
		37.71	529691.6	183547.9	18.5	0	0	0.51719	0	0	303.11	*
		38.213	529691.9	183547.4	18.5	0	0	0.5115	0	0	303.11	*
		38.716	529692.1	183547	18.5	0	0	0.50584	0	0	303.11	*
		39.218	529692.4	183546.6	18.5	0	0	0.50022	0	0	303.11	*
		39.721	529692.7	183546.2	18.5	0	0	0.49463	0	0	303.11	*
		40.224	529693	183545.8	18.5	0	0	0.48908	0	0	303.11	*
		40.727	529693.2	183545.3	18.5	0	0	0.96714	0	0	303.11	*
22	22	0	529680.3	183537.5	18.5	0	0	0.894	0	0	31.179	*
		0.50517	529680.7	183537.8	18.5	0	0	0.44849	0	0	31.179	*

		1.0103	529681.1	183538	18.5	0	0	0.44997	0	0	31.179	*
		1.5155	529681.6	183538.3	18.5	0	0	0.45143	0	0	31.179	*
		2.0207	529682	183538.5	18.5	0	0	0.45288	0	0	31.179	*
		2.5258	529682.4	183538.8	18.5	0	0	0.45431	0	0	31.179	*
		3.031	529682.9	183539.1	18.5	0	0	0.45571	0	0	31.179	*
		3.5362	529683.3	183539.3	18.5	0	0	0.45711	0	0	31.179	*
		4.0414	529683.7	183539.6	18.5	0	0	0.45848	0	0	31.179	*
		4.5465	529684.2	183539.8	18.5	0	0	0.45983	0	0	31.179	*
		5.0517	529684.6	183540.1	18.5	0	0	0.46117	0	0	31.179	*
		5.5569	529685	183540.4	18.5	0	0	0.46248	0	0	31.179	*
		6.062	529685.5	183540.6	18.5	0	0	0.46378	0	0	31.179	*
		6.5672	529685.9	183540.9	18.5	0	0	0.46506	0	0	31.179	*
		7.0724	529686.3	183541.2	18.5	0	0	0.46632	0	0	31.179	*
		7.5775	529686.8	183541.4	18.5	0	0	0.46755	0	0	31.179	*
		8.0827	529687.2	183541.7	18.5	0	0	0.46877	0	0	31.179	*
		8.5879	529687.6	183541.9	18.5	0	0	0.46997	0	0	31.179	*
		9.0931	529688.1	183542.2	18.5	0	0	0.47114	0	0	31.179	*
		9.5982	529688.5	183542.5	18.5	0	0	0.4723	0	0	31.179	*
		10.103	529688.9	183542.7	18.5	0	0	0.47343	0	0	31.179	*
		10.609	529689.4	183543	18.5	0	0	0.47455	0	0	31.179	*
		11.114	529689.8	183543.2	18.5	0	0	0.47564	0	0	31.179	*
		11.619	529690.2	183543.5	18.5	0	0	0.47671	0	0	31.179	*
		12.124	529690.7	183543.8	18.5	0	0	0.47776	0	0	31.179	*
		12.629	529691.1	183544	18.5	0	0	0.47878	0	0	31.179	*
		13.134	529691.5	183544.3	18.5	0	0	0.47979	0	0	31.179	*
		13.64	529692	183544.6	18.5	0	0	0.48077	0	0	31.179	*
		14.145	529692.4	183544.8	18.5	0	0	0.48173	0	0	31.179	*
		14.65	529692.8	183545.1	18.5	0	0	0.48266	0	0	31.179	*
		15.155	529693.2	183545.3	18.5	0	0	0.96714	0	0	31.179	*
23	23	0	529684.1	183588.5	19	0	0	1.4334	0	0	33.788	*
		0.50096	529684.5	183588.8	19	0	0	0.67446	0	0	33.788	*
		1.0019	529684.9	183589	19	0	0	0.64128	0	0	33.788	*
		1.5029	529685.3	183589.3	19	0	0	0.6155	0	0	33.788	*
		2.0038	529685.8	183589.6	19	0	0	0.5956	0	0	33.788	*
		2.5048	529686.2	183589.9	19	0	0	0.58029	0	0	33.788	*
		3.0057	529686.6	183590.2	19	0	0	0.56848	0	0	33.788	*
		3.5067	529687	183590.4	19	0	0	0.55932	0	0	33.788	*
		4.0076	529687.4	183590.7	19	0	0	0.55218	0	0	33.788	*
		4.5086	529687.8	183591	19	0	0	0.54667	0	0	33.788	*
		5.0096	529688.3	183591.3	19	0	0	0.54262	0	0	33.788	*
		5.5105	529688.7	183591.6	19	0	0	0.54003	0	0	33.788	*
		6.0115	529689.1	183591.8	19	0	0	0.53902	0	0	33.788	*
		6.5124	529689.5	183592.1	19	0	0	0.53979	0	0	33.788	*
		7.0134	529689.9	183592.4	19	0	0	0.54255	0	0	33.788	*
		7.5143	529690.3	183592.7	19	0	0	0.54751	0	0	33.788	*
		8.0153	529690.7	183592.9	19	0	0	0.55481	0	0	33.788	*
		8.5162	529691.2	183593.2	19	0	0	0.56457	0	0	33.788	*
		9.0172	529691.6	183593.5	19	0	0	0.57681	0	0	33.788	*
		9.5182	529692	183593.8	19	0	0	0.59151	0	0	33.788	*
		10.019	529692.4	183594.1	19	0	0	0.60857	0	0	33.788	*
		10.52	529692.8	183594.3	19	0	0	0.62785	0	0	33.788	*
		11.021	529693.2	183594.6	19	0	0	0.64912	0	0	33.788	*
		11.522	529693.7	183594.9	19	0	0	0.6721	0	0	33.788	*
		12.023	529694.1	183595.2	19	0	0	0.69647	0	0	33.788	*
		12.524	529694.5	183595.5	19	0	0	0.72184	0	0	33.788	*
		13.025	529694.9	183595.7	19	0	0	0.74775	0	0	33.788	*
		13.526	529695.3	183596	19	0	0	0.7737	0	0	33.788	*
		14.027	529695.7	183596.3	19	0	0	0.79915	0	0	33.788	*
		14.528	529696.2	183596.6	19	0	0	0.82353	0	0	33.788	*
		15.029	529696.6	183596.8	19	0	0	0.84625	0	0	33.788	*
		15.53	529697	183597.1	19	0	0	0.86678	0	0	33.788	*
		16.031	529697.4	183597.4	19	0	0	1.7693	0	0	33.788	*
24	24	0	529684.1	183588.5	19	0	0	1.4334	0	0	303.4	*
		0.50222	529684.4	183588.1	19	0	0	0.68296	0	0	303.4	*
		1.0044	529684.6	183587.7	19	0	0	0.65689	0	0	303.4	*
		1.5066	529684.9	183587.2	19	0	0	0.63743	0	0	303.4	*
		2.0089	529685.2	183586.8	19	0	0	0.62367	0	0	303.4	*
		2.5111	529685.5	183586.4	19	0	0	0.6148	0	0	303.4	*
		3.0133	529685.7	183586	19	0	0	0.61011	0	0	303.4	*
		3.5155	529686	183585.6	19	0	0	0.60897	0	0	303.4	*
		4.0177	529686.3	183585.1	19	0	0	0.61079	0	0	303.4	*
		4.5199	529686.6	183584.7	19	0	0	0.61505	0	0	303.4	*
		5.0222	529686.9	183584.3	19	0	0	0.62128	0	0	303.4	*
		5.5244	529687.1	183583.9	19	0	0	0.62905	0	0	303.4	*
		6.0266	529687.4	183583.5	19	0	0	0.63798	0	0	303.4	*
		6.5288	529687.7	183583	19	0	0	0.64773	0	0	303.4	*
		7.031	529688	183582.6	19	0	0	0.65801	0	0	303.4	*
		7.5332	529688.2	183582.2	19	0	0	0.66856	0	0	303.4	*
		8.0355	529688.5	183581.8	19	0	0	0.67916	0	0	303.4	*
		8.5377	529688.8	183581.4	19	0	0	0.68964	0	0	303.4	*
		9.0399	529689.1	183580.9	19	0	0	0.69984	0	0	303.4	*
		9.5421	529689.3	183580.5	19	0	0	0.70962	0	0	303.4	*
		10.044	529689.6	183580.1	19	0	0	0.7189	0	0	303.4	*
		10.547	529689.9	183579.7	19	0	0	0.7276	0	0	303.4	*
		11.049	529690.2	183579.3	19	0	0	0.73564	0	0	303.4	*
		11.551	529690.4	183578.8	19	0	0	0.743	0	0	303.4	*
		12.053	529690.7	183578.4	19	0	0	0.74964	0	0	303.4	*
		12.555	529691	183578	19	0	0	0.75555	0	0	303.4	*
		13.058	529691.3	183577.6	19	0	0	0.76072	0	0	303.4	*
		13.56	529691.6	183577.2	19	0	0	0.76515	0	0	303.4	*
		14.062	529691.8	183576.8	19	0	0	0.76885	0	0	303.4	*
		14.564	529692.1	183576.3	19	0	0	0.77185	0	0	303.4	*
		15.066	529692.4	183575.9	19	0	0	0.77414	0	0	303.4	*
		15.569	529692.7	183575.5	19	0	0	0.77577	0	0	303.4	*
		16.071	529692.9	183575.1	19	0	0	0.77676	0	0	303.4	*
		16.573	529693.2	183574.7	19	0	0	0.77712	0	0	303.4	*
		17.075	529693.5	183574.2	19	0	0	0.7769	0	0	303.4	*
		17.578	529693.8	183573.8	19	0	0	0.77612	0	0	303.4	*
		18.08	529694	183573.4	19	0	0	0.77482	0	0	303.4	*
		18.582	529694.3	183573	19	0	0	0.77302	0	0	303.4	*
		19.084	529694.6	183572.6	19	0	0	0.77075	0	0	303.4	*
		19.586	529694.9	183572.1	19	0	0	0.76804	0	0	303.4	*
		20.089	529695.1	183571.7	19	0	0	0.76492	0	0	303.4	*
		20.591	529695.4	183571.3	19	0	0	0.76143	0	0	303.4	*
		21.093	529695.7	183570.9	19	0	0	0.75758	0	0	303.4	*
		21.595	529696	183570.5	19	0	0	0.7534	0	0	303.4	*
		22.098	529696.3	183570	19	0	0	0.74893	0	0	303.4	*
		22.6	529696.5	183569.6	19	0	0	0.74417	0	0	303.4	*
		23.102	529696.8	183569.2	19	0	0	0.73916	0	0	303.4	*
		23.604	529697.1	183568.8	19	0	0	0.73392	0	0	303.4	*
		24.106	529697.4	183568.4	19	0	0	0.72847	0	0	303.4	*
		24.609	529697.6	183567.9	19	0	0	0.72283	0	0	303.4	*
		25.111	529697.9	183567.5	19	0	0	0.71701	0	0	303.4	*
		25.613	529698.2	183567.1	19	0	0	0.71104	0	0	303.4	*
		26.115	529698.5	183566.7	19	0	0	0.70493	0	0	303.4	*
		26.617	529698.7	183566.3	19	0	0	0.6987	0	0	303.4	*
		27.12	529699	183565.9	19	0	0	0.69236	0	0	303.4	*
		27.622	529699.3	183565.4	19	0	0	0.68593	0	0	303.4	*
		28.124	529699.6	183565	19	0	0	0.67941	0	0	303.4	*
		28.626	529699.8	183564.6	19	0	0	0.67282	0	0	303.4	*
		29.129	529700.1	183564.2	19	0	0	0.66618	0	0	303.4	*
		29.631	529700.4	183563.8	19	0	0	0.65949	0	0	303.4	*

		30.133	529700.7	183563.3	19	0	0	0.65276	0	0	303.4	*
		30.635	529701	183562.9	19	0	0	0.646	0	0	303.4	*
		31.137	529701.2	183562.5	19	0	0	0.63922	0	0	303.4	*
		31.64	529701.5	183562.1	19	0	0	0.63243	0	0	303.4	*
		32.142	529701.8	183561.7	19	0	0	0.62564	0	0	303.4	*
		32.644	529702.1	183561.2	19	0	0	0.61884	0	0	303.4	*
		33.146	529702.3	183560.8	19	0	0	0.61206	0	0	303.4	*
		33.648	529702.6	183560.4	19	0	0	0.60529	0	0	303.4	*
		34.151	529702.9	183560	19	0	0	0.59853	0	0	303.4	*
		34.653	529703.2	183559.6	19	0	0	0.59181	0	0	303.4	*
		35.155	529703.4	183559.1	19	0	0	0.58511	0	0	303.4	*
		35.657	529703.7	183558.7	19	0	0	0.57844	0	0	303.4	*
		36.16	529704	183558.3	19	0	0	0.57181	0	0	303.4	*
		36.662	529704.3	183557.9	19	0	0	0.56522	0	0	303.4	*
		37.164	529704.5	183557.5	19	0	0	1.1174	0	0	303.4	*
25	25	0	529697.4	183597.4	19	0	0	1.7693	0	0	303.3	*
		0.49776	529697.7	183597	19	0	0	0.85461	0	0	303.3	*
		0.99552	529698	183596.6	19	0	0	0.83453	0	0	303.3	*
		1.4933	529698.2	183596.2	19	0	0	0.82203	0	0	303.3	*
		1.991	529698.5	183595.7	19	0	0	0.81527	0	0	303.3	*
		2.4888	529698.8	183595.3	19	0	0	0.81283	0	0	303.3	*
		2.9866	529699.1	183594.9	19	0	0	0.81358	0	0	303.3	*
		3.4843	529699.3	183594.5	19	0	0	0.81663	0	0	303.3	*
		3.9821	529699.6	183594.1	19	0	0	0.82128	0	0	303.3	*
		4.4799	529699.9	183593.7	19	0	0	0.82698	0	0	303.3	*
		4.9776	529700.1	183593.2	19	0	0	0.83327	0	0	303.3	*
		5.4754	529700.4	183592.8	19	0	0	0.83983	0	0	303.3	*
		5.9731	529700.7	183592.4	19	0	0	0.84639	0	0	303.3	*
		6.4709	529701	183592	19	0	0	0.85273	0	0	303.3	*
		6.9687	529701.2	183591.6	19	0	0	0.85871	0	0	303.3	*
		7.4664	529701.5	183591.2	19	0	0	0.86419	0	0	303.3	*
		7.9642	529701.8	183590.7	19	0	0	0.86911	0	0	303.3	*
		8.4619	529702.1	183590.3	19	0	0	0.8734	0	0	303.3	*
		8.9597	529702.3	183589.9	19	0	0	0.87703	0	0	303.3	*
		9.4575	529702.6	183589.5	19	0	0	0.87997	0	0	303.3	*
		9.9552	529702.9	183589.1	19	0	0	0.88222	0	0	303.3	*
		10.453	529703.1	183588.7	19	0	0	0.88377	0	0	303.3	*
		10.951	529703.4	183588.3	19	0	0	0.88465	0	0	303.3	*
		11.449	529703.7	183587.8	19	0	0	0.88487	0	0	303.3	*
		11.946	529704	183587.4	19	0	0	0.88445	0	0	303.3	*
		12.444	529704.2	183587	19	0	0	0.88341	0	0	303.3	*
		12.942	529704.5	183586.6	19	0	0	0.8818	0	0	303.3	*
		13.44	529704.8	183586.2	19	0	0	0.87962	0	0	303.3	*
		13.937	529705.1	183585.8	19	0	0	0.87693	0	0	303.3	*
		14.435	529705.3	183585.3	19	0	0	0.87373	0	0	303.3	*
		14.933	529705.6	183584.9	19	0	0	0.87008	0	0	303.3	*
		15.431	529705.9	183584.5	19	0	0	0.866	0	0	303.3	*
		15.928	529706.2	183584.1	19	0	0	0.86152	0	0	303.3	*
		16.426	529706.4	183583.7	19	0	0	0.85666	0	0	303.3	*
		16.924	529706.7	183583.3	19	0	0	0.85146	0	0	303.3	*
		17.422	529707	183582.8	19	0	0	0.84595	0	0	303.3	*
		17.919	529707.2	183582.4	19	0	0	0.84014	0	0	303.3	*
		18.417	529707.5	183582	19	0	0	0.83407	0	0	303.3	*
		18.915	529707.8	183581.6	19	0	0	0.82776	0	0	303.3	*
		19.413	529708.1	183581.2	19	0	0	0.82124	0	0	303.3	*
		19.91	529708.3	183580.8	19	0	0	0.81451	0	0	303.3	*
		20.408	529708.6	183580.3	19	0	0	0.80761	0	0	303.3	*
		20.906	529708.9	183579.9	19	0	0	0.80055	0	0	303.3	*
		21.404	529709.2	183579.5	19	0	0	0.79336	0	0	303.3	*
		21.901	529709.4	183579.1	19	0	0	0.78604	0	0	303.3	*
		22.399	529709.7	183578.7	19	0	0	0.77861	0	0	303.3	*
		22.897	529710	183578.3	19	0	0	0.77109	0	0	303.3	*
		23.395	529710.3	183577.9	19	0	0	0.7635	0	0	303.3	*
		23.893	529710.5	183577.4	19	0	0	0.75584	0	0	303.3	*
		24.39	529710.8	183577	19	0	0	0.74812	0	0	303.3	*
		24.888	529711.1	183576.6	19	0	0	0.74037	0	0	303.3	*
		25.386	529711.3	183576.2	19	0	0	0.73258	0	0	303.3	*
		25.884	529711.6	183575.8	19	0	0	0.72478	0	0	303.3	*
		26.381	529711.9	183575.4	19	0	0	0.71696	0	0	303.3	*
		26.879	529712.2	183574.9	19	0	0	0.70913	0	0	303.3	*
		27.377	529712.4	183574.5	19	0	0	0.70131	0	0	303.3	*
		27.875	529712.7	183574.1	19	0	0	0.69351	0	0	303.3	*
		28.372	529713	183573.7	19	0	0	0.68572	0	0	303.3	*
		28.87	529713.3	183573.3	19	0	0	0.67795	0	0	303.3	*
		29.368	529713.5	183572.9	19	0	0	0.67021	0	0	303.3	*
		29.866	529713.8	183572.4	19	0	0	0.66251	0	0	303.3	*
		30.363	529714.1	183572	19	0	0	0.65485	0	0	303.3	*
		30.861	529714.4	183571.6	19	0	0	0.64723	0	0	303.3	*
		31.359	529714.6	183571.2	19	0	0	0.63965	0	0	303.3	*
		31.857	529714.9	183570.8	19	0	0	0.63213	0	0	303.3	*
		32.354	529715.2	183570.4	19	0	0	0.62467	0	0	303.3	*
		32.852	529715.4	183569.9	19	0	0	0.61726	0	0	303.3	*
		33.35	529715.7	183569.5	19	0	0	0.60991	0	0	303.3	*
		33.848	529716	183569.1	19	0	0	0.60262	0	0	303.3	*
		34.346	529716.3	183568.7	19	0	0	0.5954	0	0	303.3	*
		34.843	529716.5	183568.3	19	0	0	0.58825	0	0	303.3	*
		35.341	529716.8	183567.9	19	0	0	0.58116	0	0	303.3	*
		35.839	529717.1	183567.5	19	0	0	0.57414	0	0	303.3	*
		36.337	529717.4	183567	19	0	0	0.5672	0	0	303.3	*
		36.834	529717.6	183566.6	19	0	0	1.1206	0	0	303.3	*
26	26	0	529704.5	183557.5	19	0	0	1.1174	0	0	34.973	*
		0.49902	529705	183557.8	19	0	0	0.55925	0	0	34.973	*
		0.99803	529705.4	183558	19	0	0	0.5598	0	0	34.973	*
		1.4971	529705.8	183558.3	19	0	0	0.56031	0	0	34.973	*
		1.9961	529706.2	183558.6	19	0	0	0.56079	0	0	34.973	*
		2.4951	529706.6	183558.9	19	0	0	0.56124	0	0	34.973	*
		2.9941	529707	183559.2	19	0	0	0.56166	0	0	34.973	*
		3.4931	529707.4	183559.5	19	0	0	0.56204	0	0	34.973	*
		3.9921	529707.8	183559.8	19	0	0	0.56239	0	0	34.973	*
		4.4912	529708.2	183560	19	0	0	0.56271	0	0	34.973	*
		4.9902	529708.6	183560.3	19	0	0	0.563	0	0	34.973	*
		5.4892	529709	183560.6	19	0	0	0.56325	0	0	34.973	*
		5.9882	529709.5	183560.9	19	0	0	0.56347	0	0	34.973	*
		6.4872	529709.9	183561.2	19	0	0	0.56365	0	0	34.973	*
		6.9862	529710.3	183561.5	19	0	0	0.5638	0	0	34.973	*
		7.4853	529710.7	183561.8	19	0	0	0.56391	0	0	34.973	*
		7.9843	529711.1	183562	19	0	0	0.56399	0	0	34.973	*
		8.4833	529711.5	183562.3	19	0	0	0.56403	0	0	34.973	*
		8.9823	529711.9	183562.6	19	0	0	0.56404	0	0	34.973	*
		9.4813	529712.3	183562.9	19	0	0	0.56401	0	0	34.973	*
		9.9803	529712.7	183563.2	19	0	0	0.56395	0	0	34.973	*
		10.479	529713.1	183563.5	19	0	0	0.56385	0	0	34.973	*
		10.978	529713.5	183563.8	19	0	0	0.56371	0	0	34.973	*
		11.477	529714	183564	19	0	0	0.56354	0	0	34.973	*
		11.976	529714.4	183564.3	19	0	0	0.56333	0	0	34.973	*
		12.475	529714.8	183564.6	19	0	0	0.56308	0	0	34.973	*
		12.974	529715.2	183564.9	19	0	0	0.5628	0	0	34.973	*
		13.473	529715.6	183565.2	19	0	0	0.56248	0	0	34.973	*
		13.972	529716	183565.5	19	0	0	0.56212	0	0	34.973	*
		14.471	529716.4	183565.8	19	0	0	0.56173	0	0	34.973	*
		14.971	529716.8	183566	19	0	0	0.5613	0	0	34.973	*
		15.47	529717.2	183566.3	19	0	0	0.56083	0	0	34.973	*

		15.969	529717.6	183566.6	19	0	0	1.1206	0	0	34.973 *
27	27	0	529708.2	183604	19.5	0	0	2.0194	0	0	34.037 *
		0.49577	529708.6	183604.3	19.5	0	0	1.018	0	0	34.037 *
		0.99154	529709	183604.6	19.5	0	0	1.0262	0	0	34.037 *
		1.4873	529709.4	183604.9	19.5	0	0	1.0344	0	0	34.037 *
		1.9831	529709.8	183605.1	19.5	0	0	1.0424	0	0	34.037 *
		2.4789	529710.2	183605.4	19.5	0	0	1.0502	0	0	34.037 *
		2.9746	529710.6	183605.7	19.5	0	0	1.0577	0	0	34.037 *
		3.4704	529711	183606	19.5	0	0	1.065	0	0	34.037 *
		3.9662	529711.4	183606.2	19.5	0	0	1.0719	0	0	34.037 *
		4.462	529711.9	183606.5	19.5	0	0	1.0785	0	0	34.037 *
		4.9577	529712.3	183606.8	19.5	0	0	1.0847	0	0	34.037 *
		5.4535	529712.7	183607.1	19.5	0	0	1.0904	0	0	34.037 *
		5.9493	529713.1	183607.4	19.5	0	0	1.0957	0	0	34.037 *
		6.445	529713.5	183607.6	19.5	0	0	1.1005	0	0	34.037 *
		6.9408	529713.9	183607.9	19.5	0	0	1.1049	0	0	34.037 *
		7.4366	529714.3	183608.2	19.5	0	0	1.1087	0	0	34.037 *
		7.9324	529714.7	183608.5	19.5	0	0	1.1121	0	0	34.037 *
		8.4281	529715.1	183608.7	19.5	0	0	1.1149	0	0	34.037 *
		8.9239	529715.5	183609	19.5	0	0	2.2346	0	0	34.037 *
28	28	0	529708.2	183604	19.5	0	0	2.0194	0	0	303.6 *
		0.50258	529708.4	183603.6	19.5	0	0	1.0109	0	0	303.6 *
		1.0052	529708.7	183603.2	19.5	0	0	1.0117	0	0	303.6 *
		1.5077	529709	183602.8	19.5	0	0	1.0121	0	0	303.6 *
		2.0103	529709.3	183602.4	19.5	0	0	1.0122	0	0	303.6 *
		2.5129	529709.5	183601.9	19.5	0	0	1.0118	0	0	303.6 *
		3.0155	529709.8	183601.5	19.5	0	0	1.011	0	0	303.6 *
		3.5181	529710.1	183601.1	19.5	0	0	1.0096	0	0	303.6 *
		4.0207	529710.4	183600.7	19.5	0	0	1.0079	0	0	303.6 *
		4.5232	529710.7	183600.3	19.5	0	0	1.0057	0	0	303.6 *
		5.0258	529710.9	183599.8	19.5	0	0	1.003	0	0	303.6 *
		5.5284	529711.2	183599.4	19.5	0	0	0.99986	0	0	303.6 *
		6.031	529711.5	183599	19.5	0	0	0.99629	0	0	303.6 *
		6.5336	529711.8	183598.6	19.5	0	0	0.9923	0	0	303.6 *
		7.0361	529712	183598.2	19.5	0	0	0.9879	0	0	303.6 *
		7.5387	529712.3	183597.7	19.5	0	0	0.9831	0	0	303.6 *
		8.0413	529712.6	183597.3	19.5	0	0	0.97792	0	0	303.6 *
		8.5439	529712.9	183596.9	19.5	0	0	0.97239	0	0	303.6 *
		9.0465	529713.2	183596.5	19.5	0	0	0.96652	0	0	303.6 *
		9.5491	529713.4	183596.1	19.5	0	0	0.96033	0	0	303.6 *
		10.052	529713.7	183595.7	19.5	0	0	0.95385	0	0	303.6 *
		10.554	529714	183595.2	19.5	0	0	0.94709	0	0	303.6 *
		11.057	529714.3	183594.8	19.5	0	0	0.94007	0	0	303.6 *
		11.559	529714.6	183594.4	19.5	0	0	0.93281	0	0	303.6 *
		12.062	529714.8	183594	19.5	0	0	0.92534	0	0	303.6 *
		12.565	529715.1	183593.6	19.5	0	0	0.91766	0	0	303.6 *
		13.067	529715.4	183593.1	19.5	0	0	0.90981	0	0	303.6 *
		13.57	529715.7	183592.7	19.5	0	0	0.90179	0	0	303.6 *
		14.072	529715.9	183592.3	19.5	0	0	0.89362	0	0	303.6 *
		14.575	529716.2	183591.9	19.5	0	0	0.88533	0	0	303.6 *
		15.077	529716.5	183591.5	19.5	0	0	0.87692	0	0	303.6 *
		15.58	529716.8	183591	19.5	0	0	0.86841	0	0	303.6 *
		16.083	529717.1	183590.6	19.5	0	0	0.85981	0	0	303.6 *
		16.585	529717.3	183590.2	19.5	0	0	0.85114	0	0	303.6 *
		17.088	529717.6	183589.8	19.5	0	0	0.84241	0	0	303.6 *
		17.59	529717.9	183589.4	19.5	0	0	0.83364	0	0	303.6 *
		18.093	529718.2	183589	19.5	0	0	0.82482	0	0	303.6 *
		18.596	529718.4	183588.5	19.5	0	0	0.81598	0	0	303.6 *
		19.098	529718.7	183588.1	19.5	0	0	0.80713	0	0	303.6 *
		19.601	529719	183587.7	19.5	0	0	0.79826	0	0	303.6 *
		20.103	529719.3	183587.3	19.5	0	0	0.7894	0	0	303.6 *
		20.606	529719.6	183586.9	19.5	0	0	0.78054	0	0	303.6 *
		21.108	529719.8	183586.4	19.5	0	0	0.77171	0	0	303.6 *
		21.611	529720.1	183586	19.5	0	0	0.7629	0	0	303.6 *
		22.114	529720.4	183585.6	19.5	0	0	0.75411	0	0	303.6 *
		22.616	529720.7	183585.2	19.5	0	0	0.74537	0	0	303.6 *
		23.119	529720.9	183584.8	19.5	0	0	0.73666	0	0	303.6 *
		23.621	529721.2	183584.4	19.5	0	0	0.72801	0	0	303.6 *
		24.124	529721.5	183583.9	19.5	0	0	0.7194	0	0	303.6 *
		24.627	529721.8	183583.5	19.5	0	0	0.71085	0	0	303.6 *
		25.129	529722.1	183583.1	19.5	0	0	0.70236	0	0	303.6 *
		25.632	529722.3	183582.7	19.5	0	0	0.69393	0	0	303.6 *
		26.134	529722.6	183582.3	19.5	0	0	0.68557	0	0	303.6 *
		26.637	529722.9	183581.8	19.5	0	0	0.67727	0	0	303.6 *
		27.139	529723.2	183581.4	19.5	0	0	0.66905	0	0	303.6 *
		27.642	529723.4	183581	19.5	0	0	0.66091	0	0	303.6 *
		28.145	529723.7	183580.6	19.5	0	0	0.65284	0	0	303.6 *
		28.647	529724	183580.2	19.5	0	0	0.64484	0	0	303.6 *
		29.15	529724.3	183579.7	19.5	0	0	0.63693	0	0	303.6 *
		29.652	529724.6	183579.3	19.5	0	0	0.6291	0	0	303.6 *
		30.155	529724.8	183578.9	19.5	0	0	0.62135	0	0	303.6 *
		30.657	529725.1	183578.5	19.5	0	0	0.61368	0	0	303.6 *
		31.16	529725.4	183578.1	19.5	0	0	0.6061	0	0	303.6 *
		31.663	529725.7	183577.7	19.5	0	0	0.59861	0	0	303.6 *
		32.165	529726	183577.2	19.5	0	0	0.5912	0	0	303.6 *
		32.668	529726.2	183576.8	19.5	0	0	0.58387	0	0	303.6 *
		33.17	529726.5	183576.4	19.5	0	0	0.57663	0	0	303.6 *
		33.673	529726.8	183576	19.5	0	0	0.56948	0	0	303.6 *
		34.176	529727.1	183575.6	19.5	0	0	0.56242	0	0	303.6 *
		34.678	529727.3	183575.1	19.5	0	0	0.55544	0	0	303.6 *
		35.181	529727.6	183574.7	19.5	0	0	0.54855	0	0	303.6 *
		35.683	529727.9	183574.3	19.5	0	0	0.54175	0	0	303.6 *
		36.186	529728.2	183573.9	19.5	0	0	0.53503	0	0	303.6 *
		36.688	529728.5	183573.5	19.5	0	0	1.0568	0	0	303.6 *
29	29	0	529715.5	183609	19.5	0	0	2.2346	0	0	302.5 *
		0.50112	529715.8	183608.6	19.5	0	0	1.1096	0	0	302.5 *
		1.0022	529716.1	183608.2	19.5	0	0	1.1016	0	0	302.5 *
		1.5034	529716.4	183607.8	19.5	0	0	1.0935	0	0	302.5 *
		2.0045	529716.6	183607.3	19.5	0	0	1.0853	0	0	302.5 *
		2.5056	529716.9	183606.9	19.5	0	0	1.0768	0	0	302.5 *
		3.0067	529717.2	183606.5	19.5	0	0	1.0683	0	0	302.5 *
		3.5079	529717.4	183606.1	19.5	0	0	1.0596	0	0	302.5 *
		4.009	529717.7	183605.6	19.5	0	0	1.0507	0	0	302.5 *
		4.5101	529718	183605.2	19.5	0	0	1.0418	0	0	302.5 *
		5.0112	529718.2	183604.8	19.5	0	0	1.0327	0	0	302.5 *
		5.5124	529718.5	183604.4	19.5	0	0	1.0236	0	0	302.5 *
		6.0135	529718.8	183603.9	19.5	0	0	1.0143	0	0	302.5 *
		6.5146	529719	183603.5	19.5	0	0	1.005	0	0	302.5 *
		7.0157	529719.3	183603.1	19.5	0	0	0.99558	0	0	302.5 *
		7.5169	529719.6	183602.7	19.5	0	0	0.98612	0	0	302.5 *
		8.018	529719.9	183602.3	19.5	0	0	0.97659	0	0	302.5 *
		8.5191	529720.1	183601.8	19.5	0	0	0.96702	0	0	302.5 *
		9.0202	529720.4	183601.4	19.5	0	0	0.95741	0	0	302.5 *
		9.5213	529720.7	183601	19.5	0	0	0.94777	0	0	302.5 *
		10.022	529720.9	183600.6	19.5	0	0	0.9381	0	0	302.5 *
		10.524	529721.2	183600.1	19.5	0	0	0.92842	0	0	302.5 *
		11.025	529721.5	183599.7	19.5	0	0	0.91872	0	0	302.5 *
		11.526	529721.7	183599.3	19.5	0	0	0.90903	0	0	302.5 *
		12.027	529722	183598.9	19.5	0	0	0.89933	0	0	302.5 *
		12.528	529722.3	183598.5	19.5	0	0	0.88965	0	0	302.5 *
		13.029	529722.6	183598	19.5	0	0	0.87998	0	0	302.5 *
		13.53	529722.8	183597.6	19.5	0	0	0.87034	0	0	302.5 *

		14.031	529723.1	183597.2	19.5	0	0	0.86072	0	0	302.5	*
		14.533	529723.4	183596.8	19.5	0	0	0.85114	0	0	302.5	*
		15.034	529723.6	183596.3	19.5	0	0	0.84159	0	0	302.5	*
		15.535	529723.9	183595.9	19.5	0	0	0.83208	0	0	302.5	*
		16.036	529724.2	183595.5	19.5	0	0	0.82262	0	0	302.5	*
		16.537	529724.4	183595.1	19.5	0	0	0.81321	0	0	302.5	*
		17.038	529724.7	183594.7	19.5	0	0	0.80385	0	0	302.5	*
		17.539	529725	183594.2	19.5	0	0	0.79456	0	0	302.5	*
		18.04	529725.2	183593.8	19.5	0	0	0.78532	0	0	302.5	*
		18.542	529725.5	183593.4	19.5	0	0	0.77614	0	0	302.5	*
		19.043	529725.8	183593	19.5	0	0	0.76704	0	0	302.5	*
		19.544	529726.1	183592.5	19.5	0	0	0.758	0	0	302.5	*
		20.045	529726.3	183592.1	19.5	0	0	0.74904	0	0	302.5	*
		20.546	529726.6	183591.7	19.5	0	0	0.74015	0	0	302.5	*
		21.047	529726.9	183591.3	19.5	0	0	0.73133	0	0	302.5	*
		21.548	529727.1	183590.8	19.5	0	0	0.7226	0	0	302.5	*
		22.049	529727.4	183590.4	19.5	0	0	0.71394	0	0	302.5	*
		22.551	529727.7	183590	19.5	0	0	0.70537	0	0	302.5	*
		23.052	529727.9	183589.6	19.5	0	0	0.69688	0	0	302.5	*
		23.553	529728.2	183589.2	19.5	0	0	0.68847	0	0	302.5	*
		24.054	529728.5	183588.7	19.5	0	0	0.68015	0	0	302.5	*
		24.555	529728.7	183588.3	19.5	0	0	0.67192	0	0	302.5	*
		25.056	529729	183587.9	19.5	0	0	0.66377	0	0	302.5	*
		25.557	529729.3	183587.5	19.5	0	0	0.65571	0	0	302.5	*
		26.058	529729.6	183587	19.5	0	0	0.64774	0	0	302.5	*
		26.56	529729.8	183586.6	19.5	0	0	0.63985	0	0	302.5	*
		27.061	529730.1	183586.2	19.5	0	0	0.63206	0	0	302.5	*
		27.562	529730.4	183585.8	19.5	0	0	0.62435	0	0	302.5	*
		28.063	529730.6	183585.4	19.5	0	0	0.61674	0	0	302.5	*
		28.564	529730.9	183584.9	19.5	0	0	0.60921	0	0	302.5	*
		29.065	529731.2	183584.5	19.5	0	0	0.60178	0	0	302.5	*
		29.566	529731.4	183584.1	19.5	0	0	0.59443	0	0	302.5	*
		30.067	529731.7	183583.7	19.5	0	0	0.58717	0	0	302.5	*
		30.569	529732	183583.2	19.5	0	0	0.58	0	0	302.5	*
		31.07	529732.2	183582.8	19.5	0	0	0.57292	0	0	302.5	*
		31.571	529732.5	183582.4	19.5	0	0	0.56593	0	0	302.5	*
		32.072	529732.8	183582	19.5	0	0	0.55903	0	0	302.5	*
		32.573	529733.1	183581.6	19.5	0	0	0.55221	0	0	302.5	*
		33.074	529733.3	183581.1	19.5	0	0	0.54548	0	0	302.5	*
		33.575	529733.6	183580.7	19.5	0	0	0.53884	0	0	302.5	*
		34.076	529733.9	183580.3	19.5	0	0	0.53228	0	0	302.5	*
		34.578	529734.1	183579.9	19.5	0	0	0.52581	0	0	302.5	*
		35.079	529734.4	183579.4	19.5	0	0	0.51942	0	0	302.5	*
		35.58	529734.7	183579	19.5	0	0	0.51312	0	0	302.5	*
		36.081	529734.9	183578.6	19.5	0	0	0.5069	0	0	302.5	*
		36.582	529735.2	183578.2	19.5	0	0	1.0015	0	0	302.5	*
30	30	0	529728.5	183573.5	19.5	0	0	1.0568	0	0	34.863	*
		0.51423	529728.9	183573.8	19.5	0	0	0.5269	0	0	34.863	*
		1.0285	529729.3	183574.1	19.5	0	0	0.52537	0	0	34.863	*
		1.5427	529729.7	183574.3	19.5	0	0	0.52381	0	0	34.863	*
		2.0569	529730.1	183574.6	19.5	0	0	0.52221	0	0	34.863	*
		2.5711	529730.6	183574.9	19.5	0	0	0.52059	0	0	34.863	*
		3.0854	529731	183575.2	19.5	0	0	0.51893	0	0	34.863	*
		3.5996	529731.4	183575.5	19.5	0	0	0.51724	0	0	34.863	*
		4.1138	529731.8	183575.8	19.5	0	0	0.51552	0	0	34.863	*
		4.6281	529732.3	183576.1	19.5	0	0	0.51377	0	0	34.863	*
		5.1423	529732.7	183576.4	19.5	0	0	0.512	0	0	34.863	*
		5.6565	529733.1	183576.7	19.5	0	0	0.51019	0	0	34.863	*
		6.1707	529733.5	183577	19.5	0	0	0.50836	0	0	34.863	*
		6.685	529733.9	183577.3	19.5	0	0	0.5065	0	0	34.863	*
		7.1992	529734.4	183577.6	19.5	0	0	0.50461	0	0	34.863	*
		7.7134	529734.8	183577.9	19.5	0	0	0.5027	0	0	34.863	*
		8.2276	529735.2	183578.2	19.5	0	0	1.0015	0	0	34.863	*
31	31	0	529718	183610.8	20.5	0	0	2.2481	0	0	33.111	*
		0.50182	529718.5	183611.1	20.5	0	0	1.1228	0	0	33.111	*
		1.0036	529718.9	183611.4	20.5	0	0	1.1212	0	0	33.111	*
		1.5055	529719.3	183611.7	20.5	0	0	1.1191	0	0	33.111	*
		2.0073	529719.7	183611.9	20.5	0	0	1.1166	0	0	33.111	*
		2.5091	529720.1	183612.2	20.5	0	0	1.1137	0	0	33.111	*
		3.0109	529720.6	183612.5	20.5	0	0	1.1103	0	0	33.111	*
		3.5127	529721	183612.8	20.5	0	0	1.1067	0	0	33.111	*
		4.0146	529721.4	183613	20.5	0	0	1.1026	0	0	33.111	*
		4.5164	529721.8	183613.3	20.5	0	0	1.0982	0	0	33.111	*
		5.0182	529722.2	183613.6	20.5	0	0	1.0935	0	0	33.111	*
		5.52	529722.7	183613.9	20.5	0	0	1.0885	0	0	33.111	*
		6.0218	529723.1	183614.1	20.5	0	0	1.0832	0	0	33.111	*
		6.5237	529723.5	183614.4	20.5	0	0	1.0777	0	0	33.111	*
		7.0255	529723.9	183614.7	20.5	0	0	1.0718	0	0	33.111	*
		7.5273	529724.3	183615	20.5	0	0	1.0658	0	0	33.111	*
		8.0291	529724.8	183615.2	20.5	0	0	1.0595	0	0	33.111	*
		8.5309	529725.2	183615.5	20.5	0	0	1.053	0	0	33.111	*
		9.0328	529725.6	183615.8	20.5	0	0	1.0463	0	0	33.111	*
		9.5346	529726	183616.1	20.5	0	0	1.0394	0	0	33.111	*
		10.036	529726.4	183616.3	20.5	0	0	1.0323	0	0	33.111	*
		10.538	529726.9	183616.6	20.5	0	0	1.0251	0	0	33.111	*
		11.04	529727.3	183616.9	20.5	0	0	1.0178	0	0	33.111	*
		11.542	529727.7	183617.1	20.5	0	0	1.0103	0	0	33.111	*
		12.044	529728.1	183617.4	20.5	0	0	1.0027	0	0	33.111	*
		12.546	529728.5	183617.7	20.5	0	0	0.99494	0	0	33.111	*
		13.047	529729	183618	20.5	0	0	0.98711	0	0	33.111	*
		13.549	529729.4	183618.2	20.5	0	0	0.97919	0	0	33.111	*
		14.051	529729.8	183618.5	20.5	0	0	0.9712	0	0	33.111	*
		14.553	529730.2	183618.8	20.5	0	0	0.96313	0	0	33.111	*
		15.055	529730.6	183619.1	20.5	0	0	0.95499	0	0	33.111	*
		15.556	529731.1	183619.3	20.5	0	0	0.9468	0	0	33.111	*
		16.058	529731.5	183619.6	20.5	0	0	0.93857	0	0	33.111	*
		16.56	529731.9	183619.9	20.5	0	0	0.93029	0	0	33.111	*
		17.062	529732.3	183620.2	20.5	0	0	0.92198	0	0	33.111	*
		17.564	529732.7	183620.4	20.5	0	0	0.91364	0	0	33.111	*
		18.066	529733.2	183620.7	20.5	0	0	0.90529	0	0	33.111	*
		18.567	529733.6	183621	20.5	0	0	0.89692	0	0	33.111	*
		19.069	529734	183621.3	20.5	0	0	0.88854	0	0	33.111	*
		19.571	529734.4	183621.5	20.5	0	0	0.88016	0	0	33.111	*
		20.073	529734.8	183621.8	20.5	0	0	0.87179	0	0	33.111	*
		20.575	529735.3	183622.1	20.5	0	0	0.86342	0	0	33.111	*
		21.076	529735.7	183622.4	20.5	0	0	0.85506	0	0	33.111	*
		21.578	529736.1	183622.6	20.5	0	0	0.84672	0	0	33.111	*
		22.08	529736.5	183622.9	20.5	0	0	0.8384	0	0	33.111	*
		22.582	529736.9	183623.2	20.5	0	0	0.8301	0	0	33.111	*
		23.084	529737.4	183623.5	20.5	0	0	0.82183	0	0	33.111	*
		23.586	529737.8	183623.7	20.5	0	0	0.81359	0	0	33.111	*
		24.087	529738.2	183624	20.5	0	0	0.80539	0	0	33.111	*
		24.589	529738.6	183624.3	20.5	0	0	0.79722	0	0	33.111	*
		25.091	529739.1	183624.5	20.5	0	0	0.7891	0	0	33.111	*
		25.593	529739.5	183624.8	20.5	0	0	0.78101	0	0	33.111	*
		26.095	529739.9	183625.1	20.5	0	0	0.77297	0	0	33.111	*
		26.596	529740.3	183625.4	20.5	0	0	0.76498	0	0	33.111	*
		27.098	529740.7	183625.6	20.5	0	0	0.75704	0	0	33.111	*
		27.6	529741.2	183625.9	20.5	0	0	0.74915	0	0	33.111	*
		28.102	529741.6	183626.2	20.5	0	0	0.74131	0	0	33.111	*
		28.604	529742	183626.5	20.5	0	0	0.73352	0	0	33.111	*
		29.106	529742.4	183626.7	20.5	0	0	0.7258	0	0	33.111	*

		29.607	529742.8	183627	20.5	0	0	0.71812	0	0	33.111	*
		30.109	529743.3	183627.3	20.5	0	0	0.71051	0	0	33.111	*
		30.611	529743.7	183627.6	20.5	0	0	0.70296	0	0	33.111	*
		31.113	529744.1	183627.8	20.5	0	0	0.69547	0	0	33.111	*
		31.615	529744.5	183628.1	20.5	0	0	0.68804	0	0	33.111	*
		32.117	529744.9	183628.4	20.5	0	0	0.68067	0	0	33.111	*
		32.618	529745.4	183628.7	20.5	0	0	0.67336	0	0	33.111	*
		33.12	529745.8	183628.9	20.5	0	0	0.66612	0	0	33.111	*
		33.622	529746.2	183629.2	20.5	0	0	0.65895	0	0	33.111	*
		34.124	529746.6	183629.5	20.5	0	0	0.65184	0	0	33.111	*
		34.626	529747	183629.8	20.5	0	0	0.64479	0	0	33.111	*
		35.127	529747.5	183630	20.5	0	0	0.63781	0	0	33.111	*
		35.629	529747.9	183630.3	20.5	0	0	0.6309	0	0	33.111	*
		36.131	529748.3	183630.6	20.5	0	0	0.62405	0	0	33.111	*
		36.633	529748.7	183630.9	20.5	0	0	0.61727	0	0	33.111	*
		37.135	529749.1	183631.1	20.5	0	0	0.61056	0	0	33.111	*
		37.637	529749.6	183631.4	20.5	0	0	0.60391	0	0	33.111	*
		38.138	529750	183631.7	20.5	0	0	0.59733	0	0	33.111	*
		38.64	529750.4	183632	20.5	0	0	0.59082	0	0	33.111	*
		39.142	529750.8	183632.2	20.5	0	0	0.58438	0	0	33.111	*
		39.644	529751.2	183632.5	20.5	0	0	0.578	0	0	33.111	*
		40.146	529751.7	183632.8	20.5	0	0	0.57169	0	0	33.111	*
		40.647	529752.1	183633	20.5	0	0	0.56544	0	0	33.111	*
		41.149	529752.5	183633.3	20.5	0	0	0.55926	0	0	33.111	*
		41.651	529752.9	183633.6	20.5	0	0	0.55315	0	0	33.111	*
		42.153	529753.3	183633.9	20.5	0	0	0.54711	0	0	33.111	*
		42.655	529753.8	183634.1	20.5	0	0	1.0823	0	0	33.111	*
32	32	0	529718	183610.8	20.5	0	0	2.2481	0	0	303.53	*
		0.49682	529718.3	183610.4	20.5	0	0	1.1144	0	0	303.53	*
		0.99363	529718.6	183610	20.5	0	0	1.1046	0	0	303.53	*
		1.4904	529718.9	183609.6	20.5	0	0	1.0947	0	0	303.53	*
		1.9873	529719.1	183609.2	20.5	0	0	1.0848	0	0	303.53	*
		2.4841	529719.4	183608.8	20.5	0	0	1.0749	0	0	303.53	*
		2.9809	529719.7	183608.4	20.5	0	0	1.0649	0	0	303.53	*
		3.4777	529720	183607.9	20.5	0	0	1.0548	0	0	303.53	*
		3.9745	529720.2	183607.5	20.5	0	0	1.0447	0	0	303.53	*
		4.4713	529720.5	183607.1	20.5	0	0	1.0345	0	0	303.53	*
		4.9682	529720.8	183606.7	20.5	0	0	1.0244	0	0	303.53	*
		5.465	529721.1	183606.3	20.5	0	0	1.0142	0	0	303.53	*
		5.9618	529721.3	183605.9	20.5	0	0	1.004	0	0	303.53	*
		6.4586	529721.6	183605.5	20.5	0	0	0.99377	0	0	303.53	*
		6.9554	529721.9	183605	20.5	0	0	0.98355	0	0	303.53	*
		7.4522	529722.2	183604.6	20.5	0	0	0.97335	0	0	303.53	*
		7.949	529722.4	183604.2	20.5	0	0	0.96315	0	0	303.53	*
		8.4459	529722.7	183603.8	20.5	0	0	0.95296	0	0	303.53	*
		8.9427	529723	183603.4	20.5	0	0	0.94279	0	0	303.53	*
		9.4395	529723.2	183603	20.5	0	0	0.93265	0	0	303.53	*
		9.9363	529723.5	183602.6	20.5	0	0	0.92253	0	0	303.53	*
		10.433	529723.8	183602.1	20.5	0	0	1.8249	0	0	303.53	*
33	33	0	529723.8	183602.1	20.5	0	0	1.8249	0	0	34.074	*
		0.51275	529724.2	183602.4	20.5	0	0	0.90865	0	0	34.074	*
		1.0255	529724.6	183602.7	20.5	0	0	0.90469	0	0	34.074	*
		1.5383	529725.1	183603	20.5	0	0	0.90059	0	0	34.074	*
		2.051	529725.5	183603.3	20.5	0	0	0.89635	0	0	34.074	*
		2.5638	529725.9	183603.6	20.5	0	0	0.89198	0	0	34.074	*
		3.0765	529726.3	183603.9	20.5	0	0	0.88748	0	0	34.074	*
		3.5893	529726.8	183604.2	20.5	0	0	0.88286	0	0	34.074	*
		4.102	529727.2	183604.4	20.5	0	0	0.87812	0	0	34.074	*
		4.6148	529727.6	183604.7	20.5	0	0	0.87327	0	0	34.074	*
		5.1275	529728	183605	20.5	0	0	0.86831	0	0	34.074	*
		5.6403	529728.5	183605.3	20.5	0	0	0.86325	0	0	34.074	*
		6.1531	529728.9	183605.6	20.5	0	0	0.85809	0	0	34.074	*
		6.6658	529729.3	183605.9	20.5	0	0	0.85284	0	0	34.074	*
		7.1786	529729.7	183606.2	20.5	0	0	0.84751	0	0	34.074	*
		7.6913	529730.2	183606.5	20.5	0	0	0.84209	0	0	34.074	*
		8.2041	529730.6	183606.7	20.5	0	0	0.8366	0	0	34.074	*
		8.7168	529731	183607	20.5	0	0	0.83103	0	0	34.074	*
		9.2296	529731.4	183607.3	20.5	0	0	1.6508	0	0	34.074	*
34	34	0	529731.4	183607.3	20.5	0	0	1.6508	0	0	302.58	*
		0.50313	529731.7	183606.9	20.5	0	0	0.8158	0	0	302.58	*
		1.0063	529732	183606.5	20.5	0	0	0.80629	0	0	302.58	*
		1.5094	529732.3	183606	20.5	0	0	0.79688	0	0	302.58	*
		2.0125	529732.5	183605.6	20.5	0	0	0.78756	0	0	302.58	*
		2.5157	529732.8	183605.2	20.5	0	0	0.77834	0	0	302.58	*
		3.0188	529733.1	183604.8	20.5	0	0	0.76921	0	0	302.58	*
		3.5219	529733.3	183604.3	20.5	0	0	0.76018	0	0	302.58	*
		4.0251	529733.6	183603.9	20.5	0	0	0.75125	0	0	302.58	*
		4.5282	529733.9	183603.5	20.5	0	0	0.74241	0	0	302.58	*
		5.0313	529734.2	183603.1	20.5	0	0	0.73366	0	0	302.58	*
		5.5345	529734.4	183602.7	20.5	0	0	0.72501	0	0	302.58	*
		6.0376	529734.7	183602.2	20.5	0	0	0.71645	0	0	302.58	*
		6.5407	529735	183601.8	20.5	0	0	0.70799	0	0	302.58	*
		7.0439	529735.2	183601.4	20.5	0	0	0.69963	0	0	302.58	*
		7.547	529735.5	183601	20.5	0	0	0.69135	0	0	302.58	*
		8.0501	529735.8	183600.5	20.5	0	0	0.68318	0	0	302.58	*
		8.5533	529736	183600.1	20.5	0	0	0.67509	0	0	302.58	*
		9.0564	529736.3	183599.7	20.5	0	0	0.6671	0	0	302.58	*
		9.5595	529736.6	183599.3	20.5	0	0	0.6592	0	0	302.58	*
		10.063	529736.9	183598.8	20.5	0	0	0.65139	0	0	302.58	*
		10.566	529737.1	183598.4	20.5	0	0	0.64368	0	0	302.58	*
		11.069	529737.4	183598	20.5	0	0	0.63606	0	0	302.58	*
		11.572	529737.7	183597.6	20.5	0	0	0.62852	0	0	302.58	*
		12.075	529737.9	183597.1	20.5	0	0	0.62108	0	0	302.58	*
		12.578	529738.2	183596.7	20.5	0	0	0.61373	0	0	302.58	*
		13.081	529738.5	183596.3	20.5	0	0	0.60646	0	0	302.58	*
		13.585	529738.8	183595.9	20.5	0	0	0.59929	0	0	302.58	*
		14.088	529739	183595.4	20.5	0	0	0.5922	0	0	302.58	*
		14.591	529739.3	183595	20.5	0	0	0.5852	0	0	302.58	*
		15.094	529739.6	183594.6	20.5	0	0	0.57828	0	0	302.58	*
		15.597	529739.8	183594.2	20.5	0	0	0.57145	0	0	302.58	*
		16.1	529740.1	183593.8	20.5	0	0	0.56471	0	0	302.58	*
		16.603	529740.4	183593.3	20.5	0	0	0.55805	0	0	302.58	*
		17.107	529740.7	183592.9	20.5	0	0	0.55147	0	0	302.58	*
		17.61	529740.9	183592.5	20.5	0	0	0.54498	0	0	302.58	*
		18.113	529741.2	183592.1	20.5	0	0	0.53857	0	0	302.58	*
		18.616	529741.5	183591.6	20.5	0	0	0.53224	0	0	302.58	*
		19.119	529741.7	183591.2	20.5	0	0	0.52599	0	0	302.58	*
		19.622	529742	183590.8	20.5	0	0	0.51982	0	0	302.58	*
		20.125	529742.3	183590.4	20.5	0	0	0.51373	0	0	302.58	*
		20.628	529742.6	183589.9	20.5	0	0	0.50772	0	0	302.58	*
		21.132	529742.8	183589.5	20.5	0	0	0.50178	0	0	302.58	*
		21.635	529743.1	183589.1	20.5	0	0	0.49592	0	0	302.58	*
		22.138	529743.4	183588.7	20.5	0	0	0.49014	0	0	302.58	*
		22.641	529743.6	183588.2	20.5	0	0	0.48443	0	0	302.58	*
		23.144	529743.9	183587.8	20.5	0	0	0.4788	0	0	302.58	*
		23.647	529744.2	183587.4	20.5	0	0	0.47324	0	0	302.58	*
		24.15	529744.4	183587	20.5	0	0	0.46775	0	0	302.58	*
		24.654	529744.7	183586.5	20.5	0	0	0.46233	0	0	302.58	*
		25.157	529745	183586.1	20.5	0	0	0.45698	0	0	302.58	*
		25.66	529745.3	183585.7	20.5	0	0	0.45171	0	0	302.58	*
		26.163	529745.5	183585.3	20.5	0	0	0.4465	0	0	302.58	*
		26.666	529745.8	183584.8	20.5	0	0	0.44136	0	0	302.58	*

		27.169	529746.1	183584.4	20.5	0	0	0.43629	0	0	302.58	*
		27.672	529746.3	183584	20.5	0	0	0.43128	0	0	302.58	*
		28.175	529746.6	183583.6	20.5	0	0	0.85268	0	0	302.58	*
35	35	0	529746.6	183583.6	20.5	0	0	0.85268	0	0	31.514	*
		0.50586	529747	183583.8	20.5	0	0	0.42386	0	0	31.514	*
		1.0117	529747.5	183584.1	20.5	0	0	0.42138	0	0	31.514	*
		1.5176	529747.9	183584.4	20.5	0	0	0.4189	0	0	31.514	*
		2.0234	529748.3	183584.6	20.5	0	0	0.41641	0	0	31.514	*
		2.5293	529748.8	183584.9	20.5	0	0	0.41391	0	0	31.514	*
		3.0352	529749.2	183585.2	20.5	0	0	0.41142	0	0	31.514	*
		3.541	529749.6	183585.4	20.5	0	0	0.40892	0	0	31.514	*
		4.0469	529750.1	183585.7	20.5	0	0	0.40643	0	0	31.514	*
		4.5527	529750.5	183586	20.5	0	0	0.40393	0	0	31.514	*
		5.0586	529750.9	183586.2	20.5	0	0	0.40143	0	0	31.514	*
		5.5644	529751.4	183586.5	20.5	0	0	0.39893	0	0	31.514	*
		6.0703	529751.8	183586.7	20.5	0	0	0.39643	0	0	31.514	*
		6.5762	529752.2	183587	20.5	0	0	0.39394	0	0	31.514	*
		7.082	529752.7	183587.3	20.5	0	0	0.39144	0	0	31.514	*
		7.5879	529753.1	183587.5	20.5	0	0	0.38895	0	0	31.514	*
		8.0937	529753.5	183587.8	20.5	0	0	0.38646	0	0	31.514	*
		8.5996	529753.9	183588.1	20.5	0	0	0.38397	0	0	31.514	*
		9.1055	529754.4	183588.3	20.5	0	0	0.38148	0	0	31.514	*
		9.6113	529754.8	183588.6	20.5	0	0	0.379	0	0	31.514	*
		10.117	529755.2	183588.9	20.5	0	0	0.37652	0	0	31.514	*
		10.623	529755.7	183589.1	20.5	0	0	0.37404	0	0	31.514	*
		11.129	529756.1	183589.4	20.5	0	0	0.37157	0	0	31.514	*
		11.635	529756.5	183589.7	20.5	0	0	0.36911	0	0	31.514	*
		12.141	529757	183589.9	20.5	0	0	0.7333	0	0	31.514	*
36	36	0	529757	183589.9	20.5	0	0	0.7333	0	0	122.53	*
		0.49823	529756.7	183590.3	20.5	0	0	0.37052	0	0	122.53	*
		0.99647	529756.4	183590.8	20.5	0	0	0.37443	0	0	122.53	*
		1.4947	529756.2	183591.2	20.5	0	0	0.3784	0	0	122.53	*
		1.9929	529755.9	183591.6	20.5	0	0	0.38241	0	0	122.53	*
		2.4912	529755.6	183592	20.5	0	0	0.38647	0	0	122.53	*
		2.9894	529755.4	183592.4	20.5	0	0	0.39058	0	0	122.53	*
		3.4876	529755.1	183592.9	20.5	0	0	0.39474	0	0	122.53	*
		3.9859	529754.8	183593.3	20.5	0	0	0.39894	0	0	122.53	*
		4.4841	529754.6	183593.7	20.5	0	0	0.4032	0	0	122.53	*
		4.9823	529754.3	183594.1	20.5	0	0	0.40751	0	0	122.53	*
		5.4806	529754	183594.5	20.5	0	0	0.41187	0	0	122.53	*
		5.9788	529753.8	183595	20.5	0	0	0.41628	0	0	122.53	*
		6.477	529753.5	183595.4	20.5	0	0	0.42075	0	0	122.53	*
		6.9753	529753.2	183595.8	20.5	0	0	0.42527	0	0	122.53	*
		7.4735	529752.9	183596.2	20.5	0	0	0.42984	0	0	122.53	*
		7.9717	529752.7	183596.6	20.5	0	0	0.43447	0	0	122.53	*
		8.47	529752.4	183597.1	20.5	0	0	0.43915	0	0	122.53	*
		8.9682	529752.1	183597.5	20.5	0	0	0.44389	0	0	122.53	*
		9.4664	529751.9	183597.9	20.5	0	0	0.44868	0	0	122.53	*
		9.9647	529751.6	183598.3	20.5	0	0	0.45353	0	0	122.53	*
		10.463	529751.3	183598.7	20.5	0	0	0.45844	0	0	122.53	*
		10.961	529751.1	183599.2	20.5	0	0	0.4634	0	0	122.53	*
		11.459	529750.8	183599.6	20.5	0	0	0.46842	0	0	122.53	*
		11.958	529750.5	183600	20.5	0	0	0.4735	0	0	122.53	*
		12.456	529750.3	183600.4	20.5	0	0	0.47864	0	0	122.53	*
		12.954	529750	183600.8	20.5	0	0	0.48385	0	0	122.53	*
		13.452	529749.7	183601.3	20.5	0	0	0.48911	0	0	122.53	*
		13.951	529749.5	183601.7	20.5	0	0	0.49443	0	0	122.53	*
		14.449	529749.2	183602.1	20.5	0	0	0.49981	0	0	122.53	*
		14.947	529748.9	183602.5	20.5	0	0	0.50526	0	0	122.53	*
		15.445	529748.7	183602.9	20.5	0	0	0.51077	0	0	122.53	*
		15.943	529748.4	183603.4	20.5	0	0	0.51634	0	0	122.53	*
		16.442	529748.1	183603.8	20.5	0	0	0.52197	0	0	122.53	*
		16.94	529747.9	183604.2	20.5	0	0	0.52767	0	0	122.53	*
		17.438	529747.6	183604.6	20.5	0	0	0.53344	0	0	122.53	*
		17.936	529747.3	183605	20.5	0	0	0.53927	0	0	122.53	*
		18.435	529747.1	183605.5	20.5	0	0	0.54516	0	0	122.53	*
		18.933	529746.8	183605.9	20.5	0	0	0.55112	0	0	122.53	*
		19.431	529746.5	183606.3	20.5	0	0	0.55715	0	0	122.53	*
		19.929	529746.2	183606.7	20.5	0	0	0.56325	0	0	122.53	*
		20.428	529746	183607.1	20.5	0	0	0.56941	0	0	122.53	*
		20.926	529745.7	183607.6	20.5	0	0	0.57564	0	0	122.53	*
		21.424	529745.4	183608	20.5	0	0	0.58194	0	0	122.53	*
		21.922	529745.2	183608.4	20.5	0	0	0.58831	0	0	122.53	*
		22.421	529744.9	183608.8	20.5	0	0	0.59475	0	0	122.53	*
		22.919	529744.6	183609.2	20.5	0	0	0.60126	0	0	122.53	*
		23.417	529744.4	183609.7	20.5	0	0	0.60784	0	0	122.53	*
		23.915	529744.1	183610.1	20.5	0	0	0.61449	0	0	122.53	*
		24.413	529743.8	183610.5	20.5	0	0	0.62121	0	0	122.53	*
		24.912	529743.6	183610.9	20.5	0	0	0.628	0	0	122.53	*
		25.41	529743.3	183611.3	20.5	0	0	0.63486	0	0	122.53	*
		25.908	529743	183611.8	20.5	0	0	0.6418	0	0	122.53	*
		26.406	529742.8	183612.2	20.5	0	0	0.64881	0	0	122.53	*
		26.905	529742.5	183612.6	20.5	0	0	1.3118	0	0	122.53	*
37	37	0	529742.5	183612.6	20.5	0	0	1.3118	0	0	31.755	*
		0.49862	529742.9	183612.9	20.5	0	0	0.65003	0	0	31.755	*
		0.99724	529743.3	183613.1	20.5	0	0	0.64419	0	0	31.755	*
		1.4959	529743.8	183613.4	20.5	0	0	0.63838	0	0	31.755	*
		1.9945	529744.2	183613.7	20.5	0	0	0.63259	0	0	31.755	*
		2.4931	529744.6	183613.9	20.5	0	0	0.62683	0	0	31.755	*
		2.9917	529745	183614.2	20.5	0	0	0.6211	0	0	31.755	*
		3.4903	529745.5	183614.4	20.5	0	0	0.61539	0	0	31.755	*
		3.9889	529745.9	183614.7	20.5	0	0	0.60972	0	0	31.755	*
		4.4876	529746.3	183615	20.5	0	0	0.60408	0	0	31.755	*
		4.9862	529746.7	183615.2	20.5	0	0	0.59847	0	0	31.755	*
		5.4848	529747.2	183615.5	20.5	0	0	0.59289	0	0	31.755	*
		5.9834	529747.6	183615.8	20.5	0	0	0.58735	0	0	31.755	*
		6.482	529748	183616	20.5	0	0	0.58184	0	0	31.755	*
		6.9807	529748.4	183616.3	20.5	0	0	0.57637	0	0	31.755	*
		7.4793	529748.9	183616.5	20.5	0	0	0.57094	0	0	31.755	*
		7.9779	529749.3	183616.8	20.5	0	0	0.56554	0	0	31.755	*
		8.4765	529749.7	183617.1	20.5	0	0	0.56018	0	0	31.755	*
		8.9751	529750.1	183617.3	20.5	0	0	0.55485	0	0	31.755	*
		9.4737	529750.6	183617.6	20.5	0	0	0.54957	0	0	31.755	*
		9.9724	529751	183617.9	20.5	0	0	0.54432	0	0	31.755	*
		10.471	529751.4	183618.1	20.5	0	0	0.53912	0	0	31.755	*
		10.97	529751.8	183618.4	20.5	0	0	0.53395	0	0	31.755	*
		11.468	529752.2	183618.6	20.5	0	0	0.52883	0	0	31.755	*
		11.967	529752.7	183618.9	20.5	0	0	0.52374	0	0	31.755	*
		12.465	529753.1	183619.2	20.5	0	0	0.51869	0	0	31.755	*
		12.964	529753.5	183619.4	20.5	0	0	0.51369	0	0	31.755	*
		13.463	529753.9	183619.7	20.5	0	0	0.50873	0	0	31.755	*
		13.961	529754.4	183620	20.5	0	0	0.5038	0	0	31.755	*
		14.46	529754.8	183620.2	20.5	0	0	0.49892	0	0	31.755	*
		14.959	529755.2	183620.5	20.5	0	0	0.49409	0	0	31.755	*
		15.457	529755.6	183620.7	20.5	0	0	0.48929	0	0	31.755	*
		15.956	529756.1	183621	20.5	0	0	0.48453	0	0	31.755	*
		16.454	529756.5	183621.3	20.5	0	0	0.47982	0	0	31.755	*
		16.953	529756.9	183621.5	20.5	0	0	0.47515	0	0	31.755	*
		17.452	529757.3	183621.8	20.5	0	0	0.47052	0	0	31.755	*
		17.95	529757.8	183622.1	20.5	0	0	0.46593	0	0	31.755	*
		18.449	529758.2	183622.3	20.5	0	0	0.46138	0	0	31.755	*
		18.947	529758.6	183622.6	20.5	0	0	0.45688	0	0	31.755	*

		19.446	529759	183622.8	20.5	0	0	0.45241	0	0	31.755	*
		19.945	529759.5	183623.1	20.5	0	0	0.44799	0	0	31.755	*
		20.443	529759.9	183623.4	20.5	0	0	0.44361	0	0	31.755	*
		20.942	529760.3	183623.6	20.5	0	0	0.43928	0	0	31.755	*
		21.441	529760.7	183623.9	20.5	0	0	0.86996	0	0	31.755	*
38	38	0	529760.7	183623.9	20.5	0	0	0.86996	0	0	124.19	*
		0.49588	529760.5	183624.3	20.5	0	0	0.43886	0	0	124.19	*
		0.99175	529760.2	183624.7	20.5	0	0	0.44277	0	0	124.19	*
		1.4876	529759.9	183625.1	20.5	0	0	0.44671	0	0	124.19	*
		1.9835	529759.6	183625.5	20.5	0	0	0.45068	0	0	124.19	*
		2.4794	529759.3	183625.9	20.5	0	0	0.45469	0	0	124.19	*
		2.9753	529759.1	183626.4	20.5	0	0	0.45872	0	0	124.19	*
		3.4711	529758.8	183626.8	20.5	0	0	0.46278	0	0	124.19	*
		3.967	529758.5	183627.2	20.5	0	0	0.46688	0	0	124.19	*
		4.4629	529758.2	183627.6	20.5	0	0	0.47101	0	0	124.19	*
		4.9588	529757.9	183628	20.5	0	0	0.47516	0	0	124.19	*
		5.4546	529757.7	183628.4	20.5	0	0	0.47935	0	0	124.19	*
		5.9505	529757.4	183628.8	20.5	0	0	0.48357	0	0	124.19	*
		6.4464	529757.1	183629.2	20.5	0	0	0.48782	0	0	124.19	*
		6.9423	529756.8	183629.6	20.5	0	0	0.49209	0	0	124.19	*
		7.4382	529756.5	183630	20.5	0	0	0.4964	0	0	124.19	*
		7.934	529756.3	183630.5	20.5	0	0	0.50074	0	0	124.19	*
		8.4299	529756	183630.9	20.5	0	0	0.50511	0	0	124.19	*
		8.9258	529755.7	183631.3	20.5	0	0	0.50951	0	0	124.19	*
		9.4217	529755.4	183631.7	20.5	0	0	0.51394	0	0	124.19	*
		9.9175	529755.2	183632.1	20.5	0	0	0.5184	0	0	124.19	*
		10.413	529754.9	183632.5	20.5	0	0	0.52289	0	0	124.19	*
		10.909	529754.6	183632.9	20.5	0	0	0.5274	0	0	124.19	*
		11.405	529754.3	183633.3	20.5	0	0	0.53195	0	0	124.19	*
		11.901	529754	183633.7	20.5	0	0	0.53652	0	0	124.19	*
		12.397	529753.8	183634.1	20.5	0	0	1.0823	0	0	124.19	*
39	39	0	529690.6	183644	20.5	-39.416	-3.2054	25.18	-35.056	18.302	32.217	*
		0.49331	529691	183644.2	20.5	-38.63	-3.1415	23.594	-34.357	17.937	32.217	*
		0.98662	529691.4	183644.5	20.5	-37.853	-3.0783	23.731	-33.666	17.577	32.217	*
		1.4799	529691.8	183644.8	20.5	-37.085	-3.0158	23.619	-32.983	17.22	32.217	*
		1.9732	529692.3	183645	20.5	-36.325	-2.954	23.3	-32.307	16.867	32.217	*
		2.4665	529692.7	183645.3	20.5	-35.574	-2.8929	22.801	-31.639	16.518	32.217	*
		2.9599	529693.1	183645.6	20.5	-34.83	-2.8324	22.126	-30.978	16.173	32.217	*
		3.4532	529693.5	183645.8	20.5	-34.095	-2.7726	21.291	-30.324	15.832	32.217	*
		3.9465	529693.9	183646.1	20.5	-33.368	-2.7135	20.165	-29.677	15.494	32.217	*
		4.4398	529694.3	183646.3	20.5	-32.648	-2.655	18.107	-29.037	15.16	32.217	*
		4.9331	529694.8	183646.6	20.5	-31.936	-2.5971	16.579	-28.404	14.829	32.217	*
		5.4264	529695.2	183646.9	20.5	-31.232	-2.5398	15.44	-27.777	14.502	32.217	*
		5.9197	529695.6	183647.1	20.5	-30.534	-2.4831	14.483	-27.157	14.178	32.217	*
		6.413	529696	183647.4	20.5	-29.844	-2.4269	13.647	-26.543	13.857	32.217	*
		6.9063	529696.4	183647.7	20.5	-29.16	-2.3713	12.904	-25.935	13.54	32.217	*
		7.3996	529696.9	183647.9	20.5	-28.483	-2.3163	12.239	-25.333	13.226	32.217	*
		7.8929	529697.3	183648.2	20.5	-27.813	-2.2618	11.641	-24.737	12.915	32.217	*
		8.3863	529697.7	183648.4	20.5	-27.149	-2.2078	11.104	-24.146	12.606	32.217	*
		8.8796	529698.1	183648.7	20.5	-26.492	-2.1543	10.621	-23.561	12.301	32.217	*
		9.3729	529698.5	183649	20.5	-25.84	-2.1013	10.19	-22.982	11.998	32.217	*
		9.8662	529698.9	183649.2	20.5	-25.194	-2.0488	9.8044	-22.407	11.699	32.217	*
		10.359	529699.4	183649.5	20.5	-24.554	-1.9968	9.4623	-21.838	11.401	32.217	*
		10.853	529699.8	183649.8	20.5	-23.92	-1.9452	9.1598	-21.274	11.107	32.217	*
		11.346	529700.2	183650	20.5	-23.291	-1.894	8.8936	-20.715	10.815	32.217	*
		11.839	529700.6	183650.3	20.5	-22.667	-1.8433	8.6605	-20.16	10.525	32.217	*
		12.333	529701	183650.5	20.5	-22.048	-1.793	8.457	-19.609	10.238	32.217	*
		12.826	529701.4	183650.8	20.5	-21.434	-1.7431	8.28	-19.063	9.9527	32.217	*
		13.319	529701.9	183651.1	20.5	-20.825	-1.6935	8.1262	-18.522	9.6698	32.217	*
		13.813	529702.3	183651.3	20.5	-20.22	-1.6443	7.9921	-17.984	9.389	32.217	*
		14.306	529702.7	183651.6	20.5	-19.62	-1.5955	7.8745	-17.45	9.1103	32.217	*
		14.799	529703.1	183651.9	20.5	-19.024	-1.5471	7.77	-16.92	8.8335	32.217	*
		15.293	529703.5	183652.1	20.5	-18.432	-1.4989	9.3663	-16.393	8.5587	32.217	*
40	40	0	529690.6	183644	20.5	-39.416	-3.2054	25.18	-19.57	-34.365	304.31	*
		0.50049	529690.9	183643.6	20.5	0	0	14.715	0	0	304.31	*
		1.001	529691.2	183643.1	20.5	0	0	14.812	0	0	304.31	*
		1.5015	529691.4	183642.7	20.5	0	0	14.796	0	0	304.31	*
		2.002	529691.7	183642.3	20.5	0	0	14.693	0	0	304.31	*
		2.5024	529692	183641.9	20.5	0	0	14.518	0	0	304.31	*
		3.0029	529692.3	183641.5	20.5	0	0	14.281	0	0	304.31	*
		3.5034	529692.6	183641.1	20.5	0	0	13.989	0	0	304.31	*
		4.0039	529692.8	183640.7	20.5	0	0	13.647	0	0	304.31	*
		4.5044	529693.1	183640.3	20.5	0	0	13.258	0	0	304.31	*
		5.0049	529693.4	183639.8	20.5	0	0	12.823	0	0	304.31	*
		5.5054	529693.7	183639.4	20.5	0	0	12.351	0	0	304.31	*
		6.0059	529694	183639	20.5	0	0	11.85	0	0	304.31	*
		6.5064	529694.3	183638.6	20.5	0	0	11.356	0	0	304.31	*
		7.0069	529694.5	183638.2	20.5	0	0	10.662	0	0	304.31	*
		7.5073	529694.8	183637.8	20.5	0	0	9.6593	0	0	304.31	*
		8.0078	529695.1	183637.4	20.5	0	0	8.7595	0	0	304.31	*
		8.5083	529695.4	183636.9	20.5	0	0	7.4983	0	0	304.31	*
		9.0088	529695.7	183636.5	20.5	0	0	6.4746	0	0	304.31	*
		9.5093	529696	183636.1	20.5	0	0	5.6919	0	0	304.31	*
		10.01	529696.2	183635.7	20.5	0	0	5.0363	0	0	304.31	*
		10.51	529696.5	183635.3	20.5	0	0	4.4731	0	0	304.31	*
		11.011	529696.8	183634.9	20.5	0	0	3.9862	0	0	304.31	*
		11.511	529697.1	183634.5	20.5	0	0	3.565	0	0	304.31	*
		12.012	529697.4	183634.1	20.5	0	0	3.2002	0	0	304.31	*
		12.512	529697.6	183633.6	20.5	0	0	2.8837	0	0	304.31	*
		13.013	529697.9	183633.2	20.5	0	0	2.6108	0	0	304.31	*
		13.513	529698.2	183632.8	20.5	0	0	2.3798	0	0	304.31	*
		14.014	529698.5	183632.4	20.5	0	0	2.1895	0	0	304.31	*
		14.514	529698.8	183632	20.5	0	0	2.0382	0	0	304.31	*
		15.015	529699.1	183631.6	20.5	0	0	1.9229	0	0	304.31	*
		15.515	529699.3	183631.2	20.5	0	0	1.8394	0	0	304.31	*
		16.016	529699.6	183630.7	20.5	0	0	1.7824	0	0	304.31	*
		16.516	529699.9	183630.3	20.5	0	0	1.7448	0	0	304.31	*
		17.017	529700.2	183629.9	20.5	0	0	1.7187	0	0	304.31	*
		17.517	529700.5	183629.5	20.5	0	0	1.6945	0	0	304.31	*
		18.018	529700.7	183629.1	20.5	0	0	1.6614	0	0	304.31	*
		18.518	529701	183628.7	20.5	0	0	1.2351	0	0	304.31	*
		19.019	529701.3	183628.3	20.5	0	0	1.2195	0	0	304.31	*
		19.519	529701.6	183627.9	20.5	0	0	1.2066	0	0	304.31	*
		20.02	529701.9	183627.4	20.5	0	0	1.1962	0	0	304.31	*
		20.52	529702.2	183627	20.5	0	0	1.1878	0	0	304.31	*
		21.021	529702.4	183626.6	20.5	0	0	1.1812	0	0	304.31	*
		21.521	529702.7	183626.2	20.5	0	0	1.1762	0	0	304.31	*
		22.022	529703	183625.8	20.5	0	0	1.1725	0	0	304.31	*
		22.522	529703.3	183625.4	20.5	0	0	1.1698	0	0	304.31	*
		23.023	529703.6	183625	20.5	0	0	1.1682	0	0	304.31	*
		23.523	529703.8	183624.5	20.5	0	0	1.1672	0	0	304.31	*
		24.024	529704.1	183624.1	20.5	0	0	1.167	0	0	304.31	*
		24.524	529704.4	183623.7	20.5	0	0	1.1673	0	0	304.31	*
		25.024	529704.7	183623.3	20.5	0	0	1.168	0	0	304.31	*
		25.525	529705	183622.9	20.5	0	0	1.1691	0	0	304.31	*
		26.025	529705.3	183622.5	20.5	0	0	1.1705	0	0	304.31	*
		26.526	529705.5	183622.1	20.5	0	0	1.172	0	0	304.31	*
		27.026	529705.8	183621.6	20.5	0	0	1.1737	0	0	304.31	*
		27.527	529706.1	183621.2	20.5	0	0	1.1755	0	0	304.31	*
		28.027	529706.4	183620.8	20.5	0	0	1.1772	0	0	304.31	*
		28.528	529706.7	183620.4	20.5	0	0	1.179	0	0	304.31	*
		29.028	529707	183620	20.5	0	0	1.1806	0	0	304.31	*

		29.529	529707.2	183619.6	20.5	0	0	1.1822	0	0	304.31	*
		30.029	529707.5	183619.2	20.5	0	0	1.1835	0	0	304.31	*
		30.53	529707.8	183618.8	20.5	0	0	1.1847	0	0	304.31	*
		31.03	529708.1	183618.3	20.5	0	0	2.3713	0	0	304.31	*
41	41	0	529703.5	183652.1	20.5	-18.432	-1.4989	9.3663	-8.7446	-16.295	302.87	*
		0.50181	529703.8	183651.7	20.5	-18.113	-1.4729	7.6275	-8.593	-16.012	302.87	*
		1.0036	529704.1	183651.3	20.5	-17.794	-1.447	7.5809	-8.4419	-15.731	302.87	*
		1.5054	529704.3	183650.9	20.5	-17.477	-1.4212	7.5349	-8.2913	-15.45	302.87	*
		2.0072	529704.6	183650.4	20.5	-17.16	-1.3955	7.4891	-8.1412	-15.171	302.87	*
		2.509	529704.9	183650	20.5	-16.845	-1.3699	7.4428	-7.9917	-14.892	302.87	*
		3.0109	529705.2	183649.6	20.5	-16.531	-1.3443	7.3957	-7.8426	-14.614	302.87	*
		3.5127	529705.4	183649.2	20.5	-16.218	-1.3188	7.3473	-7.6939	-14.337	302.87	*
		4.0145	529705.7	183648.8	20.5	-15.905	-1.2934	7.2971	-7.5458	-14.061	302.87	*
		4.5163	529706	183648.3	20.5	-15.594	-1.2681	7.2447	-7.398	-13.786	302.87	*
		5.0181	529706.3	183647.9	20.5	-15.283	-1.2429	7.1896	-7.2507	-13.511	302.87	*
		5.5199	529706.5	183647.5	20.5	-14.974	-1.2177	7.1314	-7.1039	-13.237	302.87	*
		6.0217	529706.8	183647.1	20.5	-14.665	-1.1926	7.0697	-6.9574	-12.964	302.87	*
		6.5235	529707.1	183646.6	20.5	-14.357	-1.1675	7.004	-6.8113	-12.692	302.87	*
		7.0253	529707.3	183646.2	20.5	-14.05	-1.1425	6.185	-6.6656	-12.421	302.87	*
		7.5271	529707.6	183645.8	20.5	-13.743	-1.1176	6.1244	-6.5202	-12.15	302.87	*
		8.029	529707.9	183645.4	20.5	-13.438	-1.0928	6.0633	-6.3752	-11.88	302.87	*
		8.5308	529708.2	183645	20.5	0	0	1.7318	0	0	302.87	*
		9.0326	529708.4	183644.5	20.5	0	0	1.729	0	0	302.87	*
		9.5344	529708.7	183644.1	20.5	0	0	1.7257	0	0	302.87	*
		10.036	529709	183643.7	20.5	0	0	1.7218	0	0	302.87	*
		10.538	529709.2	183643.3	20.5	0	0	1.7175	0	0	302.87	*
		11.04	529709.5	183642.9	20.5	0	0	1.7127	0	0	302.87	*
		11.542	529709.8	183642.4	20.5	0	0	1.7075	0	0	302.87	*
		12.043	529710.1	183642	20.5	0	0	1.7018	0	0	302.87	*
		12.545	529710.3	183641.6	20.5	0	0	1.6957	0	0	302.87	*
		13.047	529710.6	183641.2	20.5	0	0	1.6892	0	0	302.87	*
		13.549	529710.9	183640.7	20.5	0	0	1.6824	0	0	302.87	*
		14.051	529711.2	183640.3	20.5	0	0	1.6751	0	0	302.87	*
		14.552	529711.4	183639.9	20.5	0	0	1.6675	0	0	302.87	*
		15.054	529711.7	183639.5	20.5	0	0	1.6596	0	0	302.87	*
		15.556	529712	183639.1	20.5	0	0	1.6513	0	0	302.87	*
		16.058	529712.2	183638.6	20.5	0	0	1.6427	0	0	302.87	*
		16.56	529712.5	183638.2	20.5	0	0	1.6338	0	0	302.87	*
		17.062	529712.8	183637.8	20.5	0	0	1.6246	0	0	302.87	*
		17.563	529713.1	183637.4	20.5	0	0	1.6152	0	0	302.87	*
		18.065	529713.3	183637	20.5	0	0	1.6055	0	0	302.87	*
		18.567	529713.6	183636.5	20.5	0	0	1.5956	0	0	302.87	*
		19.069	529713.9	183636.1	20.5	0	0	1.5854	0	0	302.87	*
		19.571	529714.1	183635.7	20.5	0	0	1.5751	0	0	302.87	*
		20.072	529714.4	183635.3	20.5	0	0	1.5645	0	0	302.87	*
		20.574	529714.7	183634.8	20.5	0	0	1.5537	0	0	302.87	*
		21.076	529715	183634.4	20.5	0	0	1.5428	0	0	302.87	*
		21.578	529715.2	183634	20.5	0	0	1.5317	0	0	302.87	*
		22.08	529715.5	183633.6	20.5	0	0	1.5204	0	0	302.87	*
		22.581	529715.8	183633.2	20.5	0	0	1.509	0	0	302.87	*
		23.083	529716.1	183632.7	20.5	0	0	1.4975	0	0	302.87	*
		23.585	529716.3	183632.3	20.5	0	0	1.4858	0	0	302.87	*
		24.087	529716.6	183631.9	20.5	0	0	1.4741	0	0	302.87	*
		24.589	529716.9	183631.5	20.5	0	0	1.4622	0	0	302.87	*
		25.09	529717.1	183631.1	20.5	0	0	1.4502	0	0	302.87	*
		25.592	529717.4	183630.6	20.5	0	0	1.4382	0	0	302.87	*
		26.094	529717.7	183630.2	20.5	0	0	1.4261	0	0	302.87	*
		26.596	529718	183629.8	20.5	0	0	1.4139	0	0	302.87	*
		27.098	529718.2	183629.4	20.5	0	0	1.4017	0	0	302.87	*
		27.6	529718.5	183628.9	20.5	0	0	1.3894	0	0	302.87	*
		28.101	529718.8	183628.5	20.5	0	0	1.3771	0	0	302.87	*
		28.603	529719.1	183628.1	20.5	0	0	1.3647	0	0	302.87	*
		29.105	529719.3	183627.7	20.5	0	0	1.3523	0	0	302.87	*
		29.607	529719.6	183627.3	20.5	0	0	1.3399	0	0	302.87	*
		30.109	529719.9	183626.8	20.5	0	0	1.3275	0	0	302.87	*
		30.61	529720.1	183626.4	20.5	0	0	2.6302	0	0	302.87	*
42	42	0	529708.1	183618.3	20.5	0	0	2.3713	0	0	33.802	*
		0.50046	529708.5	183618.6	20.5	0	0	1.2047	0	0	33.802	*
		1.0009	529708.9	183618.9	20.5	0	0	1.2229	0	0	33.802	*
		1.5014	529709.3	183619.2	20.5	0	0	1.2403	0	0	33.802	*
		2.0018	529709.7	183619.5	20.5	0	0	1.2565	0	0	33.802	*
		2.5023	529710.2	183619.7	20.5	0	0	1.2717	0	0	33.802	*
		3.0027	529710.6	183620	20.5	0	0	1.2857	0	0	33.802	*
		3.5032	529711	183620.3	20.5	0	0	1.2984	0	0	33.802	*
		4.0036	529711.4	183620.6	20.5	0	0	1.31	0	0	33.802	*
		4.5041	529711.8	183620.8	20.5	0	0	1.3203	0	0	33.802	*
		5.0046	529712.2	183621.1	20.5	0	0	1.3294	0	0	33.802	*
		5.505	529712.7	183621.4	20.5	0	0	1.3373	0	0	33.802	*
		6.0055	529713.1	183621.7	20.5	0	0	1.3439	0	0	33.802	*
		6.5059	529713.5	183622	20.5	0	0	1.3495	0	0	33.802	*
		7.0064	529713.9	183622.2	20.5	0	0	1.3539	0	0	33.802	*
		7.5068	529714.3	183622.5	20.5	0	0	1.3572	0	0	33.802	*
		8.0073	529714.7	183622.8	20.5	0	0	1.3595	0	0	33.802	*
		8.5077	529715.2	183623.1	20.5	0	0	1.3608	0	0	33.802	*
		9.0082	529715.6	183623.4	20.5	0	0	1.3612	0	0	33.802	*
		9.5087	529716	183623.6	20.5	0	0	1.3606	0	0	33.802	*
		10.009	529716.4	183623.9	20.5	0	0	1.3592	0	0	33.802	*
		10.51	529716.8	183624.2	20.5	0	0	1.357	0	0	33.802	*
		11.01	529717.2	183624.5	20.5	0	0	1.354	0	0	33.802	*
		11.51	529717.6	183624.7	20.5	0	0	1.3503	0	0	33.802	*
		12.011	529718.1	183625	20.5	0	0	1.3459	0	0	33.802	*
		12.511	529718.5	183625.3	20.5	0	0	1.3409	0	0	33.802	*
		13.012	529718.9	183625.6	20.5	0	0	1.3352	0	0	33.802	*
		13.512	529719.3	183625.9	20.5	0	0	1.329	0	0	33.802	*
		14.013	529719.7	183626.1	20.5	0	0	1.3223	0	0	33.802	*
		14.513	529720.1	183626.4	20.5	0	0	2.6302	0	0	33.802	*
43	43	0	529712.2	183657.7	20.85	-6.7816	-0.55148	6.3333	-6.0185	3.1735	32.451	*
		0.50878	529712.6	183657.9	20.85	-6.2206	-0.50586	4.5461	-5.5207	2.911	32.451	*
		1.0176	529713	183658.2	20.85	-5.6599	-0.46027	4.4195	-5.0231	2.6486	32.451	*
		1.5263	529713.5	183658.5	20.85	-5.0993	-0.41468	4.2924	-4.5256	2.3863	32.451	*
		2.0351	529713.9	183658.7	20.85	-4.5386	-0.36909	4.1647	-4.028	2.1239	32.451	*
		2.5439	529714.3	183659	20.85	-3.9777	-0.32347	4.0366	-3.5301	1.8614	32.451	*
		3.0527	529714.8	183659.3	20.85	-3.4163	-0.27782	3.908	-3.0319	1.5987	32.451	*
		3.5615	529715.2	183659.6	20.85	-2.8636	-0.23287	3.779	-2.5414	1.34	32.451	*
		4.0702	529715.6	183659.8	20.85	-2.4598	-0.20004	3.6497	-2.1831	1.1511	32.451	*
		4.579	529716	183660.1	20.85	-2.0561	-0.16721	3.5201	-1.8248	0.96218	32.451	*
		5.0878	529716.5	183660.4	20.85	-1.6524	-0.13438	3.3903	-1.4665	0.77326	32.451	*
		5.5966	529716.9	183660.7	20.85	-1.2487	-0.10155	3.2603	-1.1082	0.58434	32.451	*
		6.1053	529717.3	183660.9	20.85	-0.845	-0.06872	4.5996	-0.74992	0.39542	32.451	*
44	44	0	529712.2	183657.7	20.85	-6.7816	-0.55148	6.3333	-3.4942	-5.8382	305.55	*
		0.50343	529712.5	183657.2	20.85	-6.4593	-0.52527	4.6033	-3.3281	-5.5607	305.55	*
		1.0069	529712.8	183656.8	20.85	-6.1371	-0.49907	4.5343	-3.1621	-5.2834	305.55	*
		1.5103	529713.1	183656.4	20.85	-5.815	-0.47288	4.4648	-2.9961	-5.0061	305.55	*
		2.0137	529713.3	183656	20.85	-5.4929	-0.44669	4.395	-2.8302	-4.7288	305.55	*
		2.5172	529713.6	183655.6	20.85	-5.1709	-0.4205	4.3248	-2.6643	-4.4516	305.55	*
		3.0206	529713.9	183655.2	20.85	-4.8488	-0.39431	4.2543	-2.4983	-4.1743	305.55	*
		3.524	529714.2	183654.8	20.85	-4.5267	-0.36812	4.1834	-2.3324	-3.897	305.55	*
		4.0275	529714.5	183654.4	20.85	-4.2045	-0.34191	4.1122	-2.1663	-3.6196	305.55	*
		4.5309	529714.8	183654	20.85	-3.8822	-0.3157	4.0407	-2.0003	-3.3421	305.55	*
		5.0343	529715.1	183653.6	20.85	-3.5597	-0.28948	5.5736	-1.8341	-3.0645	305.55	*
45	45	0	529712.5	183652	20.85	-6.913	-0.56217	6.4098	-6.2386	3.0307	30.56	*
		0.49859	529713	183652.3	20.85	-6.3539	-0.51671	4.5993	-5.7341	2.7856	30.56	*

		0.99717	529713.4	183652.5	20.85	-5.7952	-0.47127	4.4744	-5.2298	2.5407	30.56	*
		1.4958	529713.8	183652.8	20.85	-5.2366	-0.42584	4.3489	-4.7257	2.2958	30.56	*
		1.9943	529714.2	183653.1	20.85	-4.6779	-0.38041	4.2227	-4.2215	2.0508	30.56	*
		2.4929	529714.7	183653.3	20.85	-4.119	-0.33496	4.0961	-3.7172	1.8058	30.56	*
		2.9915	529715.1	183653.6	20.85	-3.5597	-0.28948	5.5736	-3.2124	1.5606	30.56	*
46	46	0	529712.5	183652	20.85	-6.913	-0.56217	6.4098	-3.7379	-5.8424	307.26	*
		0.49001	529712.8	183651.6	20.85	-6.5838	-0.5354	4.6511	-3.5599	-5.5642	307.26	*
		0.98002	529713.1	183651.3	20.85	-6.2546	-0.50863	4.5784	-3.3819	-5.286	307.26	*
		1.47	529713.4	183650.9	20.85	-5.9256	-0.48188	4.5053	-3.204	-5.0079	307.26	*
		1.96	529713.7	183650.5	20.85	-5.5966	-0.45512	4.4319	-3.0261	-4.7299	307.26	*
		2.4501	529714	183650.1	20.85	-5.2677	-0.42837	4.3582	-2.8483	-4.4519	307.26	*
		2.9401	529714.3	183649.7	20.85	-4.9387	-0.40162	4.2841	-2.6704	-4.1739	307.26	*
		3.4301	529714.6	183649.3	20.85	-4.6097	-0.37487	4.2098	-2.4925	-3.8958	307.26	*
		3.9201	529714.9	183648.9	20.85	-4.2807	-0.34811	4.1352	-2.3146	-3.6177	307.26	*
		4.4101	529715.2	183648.5	20.85	-3.9514	-0.32133	4.0603	-2.1366	-3.3395	307.26	*
		4.9001	529715.5	183648.1	20.85	-3.6221	-0.29455	3.9851	-1.9585	-3.0611	307.26	*
		5.3901	529715.8	183647.7	20.85	-3.2925	-0.26775	3.9097	-1.7803	-2.7826	307.26	*
		5.8801	529716.1	183647.4	20.85	-2.9627	-0.24093	3.8341	-1.602	-2.5039	307.26	*
		6.3701	529716.4	183647	20.85	-2.7045	-0.21994	3.7582	-1.4624	-2.2857	307.26	*
		6.8602	529716.7	183646.6	20.85	-2.4676	-0.20067	3.6822	-1.3343	-2.0855	307.26	*
		7.3502	529717	183646.2	20.85	-2.2308	-0.18141	5.1651	-1.2062	-1.8853	307.26	*
47	47	0	529711.8	183642.8	20.85	0	0	3.3738	0	0	33.368	*
		0.51408	529712.3	183643.1	20.85	0	0	1.681	0	0	33.368	*
		1.0282	529712.7	183643.4	20.85	0	0	1.674	0	0	33.368	*
		1.5422	529713.1	183643.6	20.85	0	0	1.666	0	0	33.368	*
		2.0563	529713.5	183643.9	20.85	0	0	1.657	0	0	33.368	*
		2.5704	529714	183644.2	20.85	0	0	1.6472	0	0	33.368	*
		3.0845	529714.4	183644.5	20.85	0	0	1.6366	0	0	33.368	*
		3.5985	529714.8	183644.8	20.85	0	0	1.6252	0	0	33.368	*
		4.1126	529715.3	183645.1	20.85	0	0	1.6132	0	0	33.368	*
		4.6267	529715.7	183645.3	20.85	0	0	1.6005	0	0	33.368	*
		5.1408	529716.1	183645.6	20.85	0	0	1.5872	0	0	33.368	*
		5.6548	529716.6	183645.9	20.85	0	0	1.5734	0	0	33.368	*
		6.1689	529717	183646.2	20.85	-2.2308	-0.18141	5.1651	-1.9628	1.0754	33.368	*
48	48	0	529711.8	183642.8	20.85	0	0	3.3738	0	0	303.61	*
		0.49738	529712.1	183642.4	20.85	0	0	1.6792	0	0	303.61	*
		0.99476	529712.4	183642	20.85	0	0	1.6711	0	0	303.61	*
		1.4921	529712.7	183641.6	20.85	0	0	1.6628	0	0	303.61	*
		1.9895	529712.9	183641.1	20.85	0	0	1.6541	0	0	303.61	*
		2.4869	529713.2	183640.7	20.85	0	0	1.6451	0	0	303.61	*
		2.9843	529713.5	183640.3	20.85	0	0	1.6359	0	0	303.61	*
		3.4817	529713.8	183639.9	20.85	0	0	1.6264	0	0	303.61	*
		3.979	529714	183639.5	20.85	0	0	1.6166	0	0	303.61	*
		4.4764	529714.3	183639.1	20.85	0	0	1.6066	0	0	303.61	*
		4.9738	529714.6	183638.7	20.85	0	0	1.5964	0	0	303.61	*
		5.4712	529714.9	183638.2	20.85	0	0	1.586	0	0	303.61	*
		5.9686	529715.1	183637.8	20.85	0	0	1.5753	0	0	303.61	*
		6.4659	529715.4	183637.4	20.85	0	0	1.5645	0	0	303.61	*
		6.9633	529715.7	183637	20.85	0	0	1.5535	0	0	303.61	*
		7.4607	529716	183636.6	20.85	0	0	1.5424	0	0	303.61	*
		7.9581	529716.2	183636.2	20.85	0	0	1.5311	0	0	303.61	*
		8.4554	529716.5	183635.8	20.85	0	0	1.5196	0	0	303.61	*
		8.9528	529716.8	183635.3	20.85	0	0	1.508	0	0	303.61	*
		9.4502	529717.1	183634.9	20.85	0	0	1.4964	0	0	303.61	*
		9.9476	529717.3	183634.5	20.85	0	0	1.4846	0	0	303.61	*
		10.445	529717.6	183634.1	20.85	0	0	1.4727	0	0	303.61	*
		10.942	529717.9	183633.7	20.85	0	0	1.4607	0	0	303.61	*
		11.44	529718.2	183633.3	20.85	0	0	1.4486	0	0	303.61	*
		11.937	529718.4	183632.9	20.85	0	0	1.4364	0	0	303.61	*
		12.434	529718.7	183632.4	20.85	0	0	1.4242	0	0	303.61	*
		12.932	529719	183632	20.85	0	0	1.412	0	0	303.61	*
		13.429	529719.3	183631.6	20.85	0	0	1.3996	0	0	303.61	*
		13.927	529719.5	183631.2	20.85	0	0	1.3873	0	0	303.61	*
		14.424	529719.8	183630.8	20.85	0	0	1.3749	0	0	303.61	*
		14.921	529720.1	183630.4	20.85	0	0	1.3625	0	0	303.61	*
		15.419	529720.4	183630	20.85	0	0	1.35	0	0	303.61	*
		15.916	529720.6	183629.5	20.85	0	0	1.3376	0	0	303.61	*
		16.414	529720.9	183629.1	20.85	0	0	1.3251	0	0	303.61	*
		16.911	529721.2	183628.7	20.85	0	0	1.3127	0	0	303.61	*
		17.408	529721.5	183628.3	20.85	0	0	1.3002	0	0	303.61	*
		17.906	529721.7	183627.9	20.85	0	0	1.2878	0	0	303.61	*
		18.403	529722	183627.5	20.85	0	0	2.5507	0	0	303.61	*
49	49	0	529722	183627.5	20.85	0	0	2.5507	0	0	32.73	*
		0.50361	529722.4	183627.7	20.85	0	0	1.2658	0	0	32.73	*
		1.0072	529722.9	183628	20.85	0	0	1.256	0	0	32.73	*
		1.5108	529723.3	183628.3	20.85	0	0	1.2459	0	0	32.73	*
		2.0144	529723.7	183628.6	20.85	0	0	1.2356	0	0	32.73	*
		2.5181	529724.1	183628.8	20.85	0	0	1.2251	0	0	32.73	*
		3.0217	529724.6	183629.1	20.85	0	0	1.2144	0	0	32.73	*
		3.5253	529725	183629.4	20.85	0	0	1.2036	0	0	32.73	*
		4.0289	529725.4	183629.6	20.85	0	0	1.1925	0	0	32.73	*
		4.5325	529725.8	183629.9	20.85	0	0	1.1814	0	0	32.73	*
		5.0361	529726.3	183630.2	20.85	0	0	1.1701	0	0	32.73	*
		5.5397	529726.7	183630.5	20.85	0	0	1.1588	0	0	32.73	*
		6.0433	529727.1	183630.7	20.85	0	0	1.1473	0	0	32.73	*
		6.547	529727.5	183631	20.85	0	0	1.1358	0	0	32.73	*
		7.0506	529727.9	183631.3	20.85	0	0	1.1243	0	0	32.73	*
		7.5542	529728.4	183631.6	20.85	0	0	1.1127	0	0	32.73	*
		8.0578	529728.8	183631.8	20.85	0	0	1.1011	0	0	32.73	*
		8.5614	529729.2	183632.1	20.85	0	0	1.0894	0	0	32.73	*
		9.065	529729.6	183632.4	20.85	0	0	1.0778	0	0	32.73	*
		9.5686	529730.1	183632.6	20.85	0	0	1.0661	0	0	32.73	*
		10.072	529730.5	183632.9	20.85	0	0	1.0545	0	0	32.73	*
		10.576	529730.9	183633.2	20.85	0	0	1.0429	0	0	32.73	*
		11.079	529731.3	183633.5	20.85	0	0	1.0313	0	0	32.73	*
		11.583	529731.8	183633.7	20.85	0	0	1.0198	0	0	32.73	*
		12.087	529732.2	183634	20.85	0	0	1.0083	0	0	32.73	*
		12.59	529732.6	183634.3	20.85	0	0	0.99687	0	0	32.73	*
		13.094	529733	183634.5	20.85	0	0	0.98549	0	0	32.73	*
		13.598	529733.5	183634.8	20.85	0	0	0.97417	0	0	32.73	*
		14.101	529733.9	183635.1	20.85	0	0	0.96291	0	0	32.73	*
		14.605	529734.3	183635.4	20.85	0	0	0.95173	0	0	32.73	*
		15.108	529734.7	183635.6	20.85	0	0	0.94062	0	0	32.73	*
		15.612	529735.1	183635.9	20.85	0	0	0.92959	0	0	32.73	*
		16.116	529735.6	183636.2	20.85	0	0	0.91864	0	0	32.73	*
		16.619	529736	183636.5	20.85	0	0	0.90778	0	0	32.73	*
		17.123	529736.4	183636.7	20.85	0	0	0.89701	0	0	32.73	*
		17.626	529736.8	183637	20.85	0	0	0.88633	0	0	32.73	*
		18.13	529737.3	183637.3	20.85	0	0	0.87574	0	0	32.73	*
		18.634	529737.7	183637.5	20.85	0	0	0.86525	0	0	32.73	*
		19.137	529738.1	183637.8	20.85	0	0	0.85485	0	0	32.73	*
		19.641	529738.5	183638.1	20.85	0	0	0.84456	0	0	32.73	*
		20.144	529739	183638.4	20.85	0	0	0.83436	0	0	32.73	*
		20.648	529739.4	183638.6	20.85	0	0	0.82427	0	0	32.73	*
		21.152	529739.8	183638.9	20.85	0	0	0.81428	0	0	32.73	*
		21.655	529740.2	183639.2	20.85	0	0	0.8044	0	0	32.73	*
		22.159	529740.7	183639.4	20.85	0	0	0.79462	0	0	32.73	*
		22.663	529741.1	183639.7	20.85	0	0	0.78494	0	0	32.73	*
		23.166	529741.5	183640	20.85	0	0	0.77537	0	0	32.73	*
		23.67	529741.9	183640.3	20.85	0	0	0.76591	0	0	32.73	*
		24.173	529742.3	183640.5	20.85	0	0	0.75655	0	0	32.73	*
		24.677	529742.8	183640.8	20.85	0	0	0.7473	0	0	32.73	*

		25.181	529743.2	183641.1	20.85	0	0	0.73816	0	0	32.73	*
		25.684	529743.6	183641.4	20.85	0	0	0.72912	0	0	32.73	*
		26.188	529744	183641.6	20.85	0	0	0.72019	0	0	32.73	*
		26.691	529744.5	183641.9	20.85	0	0	0.71136	0	0	32.73	*
		27.195	529744.9	183642.2	20.85	0	0	0.70265	0	0	32.73	*
		27.699	529745.3	183642.4	20.85	0	0	1.3881	0	0	32.73	*
50	50	0	529745.3	183642.4	20.85	0	0	1.3881	0	0	121.46	*
		0.49949	529745.1	183642.9	20.85	0	0	0.69932	0	0	121.46	*
		0.99899	529744.8	183643.3	20.85	0	0	0.70462	0	0	121.46	*
		1.4985	529744.5	183643.7	20.85	0	0	0.70993	0	0	121.46	*
		1.998	529744.3	183644.1	20.85	0	0	0.71524	0	0	121.46	*
		2.4975	529744	183644.6	20.85	0	0	0.72057	0	0	121.46	*
		2.997	529743.8	183645	20.85	0	0	0.7259	0	0	121.46	*
		3.4965	529743.5	183645.4	20.85	0	0	0.73123	0	0	121.46	*
		3.9959	529743.2	183645.9	20.85	0	0	0.73658	0	0	121.46	*
		4.4954	529743	183646.3	20.85	0	0	0.74192	0	0	121.46	*
		4.9949	529742.7	183646.7	20.85	0	0	0.74727	0	0	121.46	*
		5.4944	529742.4	183647.1	20.85	0	0	0.75262	0	0	121.46	*
		5.9939	529742.2	183647.6	20.85	0	0	0.75797	0	0	121.46	*
		6.4934	529741.9	183648	20.85	0	0	0.76332	0	0	121.46	*
		6.9929	529741.7	183648.4	20.85	0	0	0.76867	0	0	121.46	*
		7.4924	529741.4	183648.8	20.85	0	0	0.77402	0	0	121.46	*
		7.9919	529741.1	183649.3	20.85	0	0	0.77936	0	0	121.46	*
		8.4914	529740.9	183649.7	20.85	0	0	0.7847	0	0	121.46	*
		8.9909	529740.6	183650.1	20.85	0	0	0.79003	0	0	121.46	*
		9.4904	529740.4	183650.5	20.85	0	0	0.79535	0	0	121.46	*
		9.9899	529740.1	183651	20.85	0	0	0.80066	0	0	121.46	*
		10.489	529739.8	183651.4	20.85	0	0	0.80597	0	0	121.46	*
		10.989	529739.6	183651.8	20.85	0	0	0.81126	0	0	121.46	*
		11.488	529739.3	183652.2	20.85	0	0	0.81654	0	0	121.46	*
		11.988	529739.1	183652.7	20.85	0	0	0.8218	0	0	121.46	*
		12.487	529738.8	183653.1	20.85	0	0	0.82705	0	0	121.46	*
		12.987	529738.5	183653.5	20.85	0	0	0.83228	0	0	121.46	*
		13.486	529738.3	183653.9	20.85	0	0	0.8375	0	0	121.46	*
		13.986	529738	183654.4	20.85	0	0	0.84269	0	0	121.46	*
		14.485	529737.8	183654.8	20.85	0	0	0.84786	0	0	121.46	*
		14.985	529737.5	183655.2	20.85	0	0	0.85301	0	0	121.46	*
		15.484	529737.2	183655.7	20.85	0	0	0.85813	0	0	121.46	*
		15.984	529737	183656.1	20.85	0	0	0.86323	0	0	121.46	*
		16.483	529736.7	183656.5	20.85	0	0	0.8683	0	0	121.46	*
		16.983	529736.5	183656.9	20.85	0	0	0.87334	0	0	121.46	*
		17.482	529736.2	183657.4	20.85	0	0	0.87834	0	0	121.46	*
		17.982	529735.9	183657.8	20.85	0	0	0.88332	0	0	121.46	*
		18.481	529735.7	183658.2	20.85	0	0	0.88826	0	0	121.46	*
		18.981	529735.4	183658.6	20.85	0	0	0.89317	0	0	121.46	*
		19.48	529735.1	183659.1	20.85	0	0	0.89803	0	0	121.46	*
		19.98	529734.9	183659.5	20.85	0	0	0.90286	0	0	121.46	*
		20.479	529734.6	183659.9	20.85	0	0	0.90765	0	0	121.46	*
		20.979	529734.4	183660.3	20.85	0	0	0.91239	0	0	121.46	*
		21.478	529734.1	183660.8	20.85	0	0	0.91709	0	0	121.46	*
		21.978	529733.8	183661.2	20.85	0	0	0.92175	0	0	121.46	*
		22.477	529733.6	183661.6	20.85	0	0	0.92635	0	0	121.46	*
		22.977	529733.3	183662	20.85	0	0	0.93091	0	0	121.46	*
		23.476	529733.1	183662.5	20.85	0	0	0.93541	0	0	121.46	*
		23.976	529732.8	183662.9	20.85	0	0	0.93986	0	0	121.46	*
		24.475	529732.5	183663.3	20.85	0	0	0.94426	0	0	121.46	*
		24.975	529732.3	183663.7	20.85	0	0	0.9486	0	0	121.46	*
		25.474	529732	183664.2	20.85	0	0	0.95288	0	0	121.46	*
		25.974	529731.8	183664.6	20.85	0	0	0.9571	0	0	121.46	*
		26.473	529731.5	183665	20.85	0	0	1.9225	0	0	121.46	*
51	51	0	529720.1	183656.9	20.85	0	0	3.8689	0	0	35.407	*
		0.50023	529720.5	183657.2	20.85	0	0	2.3379	0	0	35.407	*
		1.0005	529720.9	183657.5	20.85	0	0	2.2133	0	0	35.407	*
		1.5007	529721.3	183657.8	20.85	0	0	2.0886	0	0	35.407	*
		2.0009	529721.7	183658.1	20.85	0	0	1.964	0	0	35.407	*
		2.5011	529722.1	183658.4	20.85	0	0	1.8394	0	0	35.407	*
		3.0014	529722.5	183658.7	20.85	0	0	1.7149	0	0	35.407	*
		3.5016	529722.9	183658.9	20.85	0	0	1.5905	0	0	35.407	*
		4.0018	529723.3	183659.2	20.85	0	0	1.4661	0	0	35.407	*
		4.502	529723.8	183659.5	20.85	0	0	1.3419	0	0	35.407	*
		5.0023	529724.2	183659.8	20.85	0	0	1.2361	0	0	35.407	*
		5.5025	529724.6	183660.1	20.85	0	0	1.2196	0	0	35.407	*
		6.0027	529725	183660.4	20.85	0	0	1.2031	0	0	35.407	*
		6.503	529725.4	183660.7	20.85	0	0	1.1868	0	0	35.407	*
		7.0032	529725.8	183661	20.85	0	0	1.1706	0	0	35.407	*
		7.5034	529726.2	183661.3	20.85	0	0	1.1546	0	0	35.407	*
		8.0036	529726.6	183661.5	20.85	0	0	1.1387	0	0	35.407	*
		8.5039	529727	183661.8	20.85	0	0	1.1229	0	0	35.407	*
		9.0041	529727.4	183662.1	20.85	0	0	1.1074	0	0	35.407	*
		9.5043	529727.8	183662.4	20.85	0	0	1.092	0	0	35.407	*
		10.005	529728.2	183662.7	20.85	0	0	1.0767	0	0	35.407	*
		10.505	529728.6	183663	20.85	0	0	1.0617	0	0	35.407	*
		11.005	529729.1	183663.3	20.85	0	0	1.0468	0	0	35.407	*
		11.505	529729.5	183663.6	20.85	0	0	1.0321	0	0	35.407	*
		12.005	529729.9	183663.9	20.85	0	0	1.0175	0	0	35.407	*
		12.506	529730.3	183664.2	20.85	0	0	1.0032	0	0	35.407	*
		13.006	529730.7	183664.4	20.85	0	0	0.98904	0	0	35.407	*
		13.506	529731.1	183664.7	20.85	0	0	0.97505	0	0	35.407	*
		14.006	529731.5	183665	20.85	0	0	1.9225	0	0	35.407	*
52	52	0	529717.3	183660.9	20.85	-0.845	-0.06872	4.5996	-0.42063	-0.73608	304.39	*
		0.48717	529717.6	183660.5	20.85	-0.62818	-0.05108	3.0641	-0.3127	-0.54721	304.39	*
		0.97435	529717.9	183660.1	20.85	-0.41135	-0.03345	2.998	-0.20477	-0.35833	304.39	*
		1.4615	529718.2	183659.7	20.85	-0.19453	-0.01582	2.9317	-0.09683	-0.16945	304.39	*
		1.9487	529718.4	183659.3	20.85	0	0	2.8652	0	0	304.39	*
		2.4359	529718.7	183658.9	20.85	0	0	2.7985	0	0	304.39	*
		2.923	529719	183658.5	20.85	0	0	2.7316	0	0	304.39	*
		3.4102	529719.3	183658.1	20.85	0	0	2.6646	0	0	304.39	*
		3.8974	529719.5	183657.7	20.85	0	0	2.5974	0	0	304.39	*
		4.3846	529719.8	183657.3	20.85	0	0	2.53	0	0	304.39	*
		4.8717	529720.1	183656.9	20.85	0	0	3.8689	0	0	304.39	*
53	53	0	529678.9	183692	20.85	-28.078	-18.997	19.144	-33.9	-0.19913	33.745	*
		0.49934	529679.3	183692.2	20.85	-27.391	-18.532	16.15	-33.071	-0.19427	33.745	*
		0.99867	529679.7	183692.5	20.85	-26.713	-18.073	15.123	-32.252	-0.18946	33.745	*
		1.498	529680.1	183692.8	20.85	-26.043	-17.62	14.197	-31.443	-0.1847	33.745	*
		1.9973	529680.5	183693.1	20.85	-25.38	-17.172	13.355	-30.643	-0.18	33.745	*
		2.4967	529681	183693.3	20.85	-24.726	-16.729	12.588	-29.853	-0.17536	33.745	*
		2.996	529681.4	183693.6	20.85	-24.078	-16.291	11.89	-29.071	-0.17077	33.745	*
		3.4954	529681.8	183693.9	20.85	-23.438	-15.858	11.254	-28.298	-0.16623	33.745	*
		3.9947	529682.2	183694.2	20.85	-22.805	-15.43	10.678	-27.534	-0.16174	33.745	*
		4.494	529682.6	183694.5	20.85	-22.179	-15.006	10.159	-26.778	-0.1573	33.745	*
		4.9934	529683	183694.7	20.85	-21.559	-14.587	9.6934	-26.03	-0.15291	33.745	*
		5.4927	529683.5	183695	20.85	-20.946	-14.172	9.2785	-25.29	-0.14856	33.745	*
		5.992	529683.9	183695.3	20.85	-20.339	-13.761	8.9114	-24.557	-0.14425	33.745	*
		6.4914	529684.3	183695.6	20.85	-19.738	-13.355	8.5888	-23.831	-0.13999	33.745	*
		6.9907	529684.7	183695.8	20.85	-19.143	-12.952	8.3072	-23.113	-0.13577	33.745	*
		7.49	529685.1	183696.1	20.85	-18.553	-12.553	8.0628	-22.401	-0.13159	33.745	*
		7.9894	529685.5	183696.4	20.85	-17.969	-12.158	7.8519	-21.695	-0.12744	33.745	*
		8.4887	529685.9	183696.7	20.85	-17.39	-11.766	7.6701	-20.996	-0.12334	33.745	*
		8.988	529686.4	183696.9	20.85	-16.816	-11.377	7.5133	-20.303	-0.11926	33.745	*
		9.4874	529686.8	183697.2	20.85	-16.247	-10.992	7.377	-19.616	-0.11523	33.745	*
		9.9867	529687.2	183697.5	20.85	-15.682	-10.61	7.2566	-18.934	-0.11122	33.745	*
		10.486	529687.6	183697.8	20.85	-15.121	-10.231	7.1474	-18.257	-0.10724	33.745	*

		10.985	529688	183698.1	20.85	-14.565	-9.8544	7.0449	-17.585	-0.1033	33.745	*
		11.485	529688.4	183698.3	20.85	-14.013	-9.4807	6.9445	-16.918	-0.09938	33.745	*
		11.984	529688.8	183698.6	20.85	-13.464	-9.1094	6.8417	-16.256	-0.09549	33.745	*
		12.483	529689.3	183698.9	20.85	-12.919	-8.7406	6.7322	-15.598	-0.09162	33.745	*
		12.983	529689.7	183699.2	20.85	-12.377	-8.374	6.6118	-14.943	-0.08778	33.745	*
		13.482	529690.1	183699.4	20.85	-11.838	-8.0095	6.4767	-14.293	-0.08396	33.745	*
		13.981	529690.5	183699.7	20.85	-11.302	-7.6469	5.5962	-13.646	-0.08016	33.745	*
		14.481	529690.9	183700	20.85	-10.769	-7.2862	5.4704	-13.002	-0.07638	33.745	*
		14.98	529691.3	183700.3	20.85	-10.238	-6.9272	5.3435	-12.361	-0.07261	33.745	*
		15.479	529691.8	183700.6	20.85	-9.71	-6.5697	5.2155	-11.724	-0.06887	33.745	*
		15.979	529692.2	183700.8	20.85	-9.1837	-6.2136	5.0865	-11.088	-0.06513	33.745	*
		16.478	529692.6	183701.1	20.85	-8.6593	-5.8588	4.9565	-10.455	-0.06141	33.745	*
		16.977	529693	183701.4	20.85	-8.1365	-5.5051	4.8258	-9.8237	-0.05771	33.745	*
		17.477	529693.4	183701.7	20.85	-7.6152	-5.1523	4.6942	-9.1943	-0.05401	33.745	*
		17.976	529693.8	183701.9	20.85	-7.0952	-4.8005	4.5619	-8.5664	-0.05032	33.745	*
		18.475	529694.2	183702.2	20.85	-6.5762	-4.4493	4.429	-7.9398	-0.04664	33.745	*
		18.975	529694.7	183702.5	20.85	-6.058	-4.0987	4.2954	-7.3142	-0.04297	33.745	*
		19.474	529695.1	183702.8	20.85	-5.5405	-3.7486	4.1614	-6.6893	-0.0393	33.745	*
		19.973	529695.5	183703.1	20.85	-5.0234	-3.3987	4.0268	-6.065	-0.03563	33.745	*
		20.473	529695.9	183703.3	20.85	-4.5065	-3.049	3.8918	-5.4409	-0.03196	33.745	*
		20.972	529696.3	183703.6	20.85	-3.9896	-2.6993	3.7564	-4.8169	-0.0283	33.745	*
		21.471	529696.7	183703.9	20.85	-3.4725	-2.3495	3.6206	-4.1926	-0.02463	33.745	*
		21.971	529697.2	183704.2	20.85	-2.9551	-1.9994	3.4845	-3.5679	-0.02096	33.745	*
		22.47	529697.6	183704.4	20.85	-2.4371	-1.6489	3.3482	-2.9424	-0.01728	33.745	*
		22.969	529698	183704.7	20.85	-2.0542	-1.3898	3.2116	-2.4801	-0.01457	33.745	*
		23.469	529698.4	183705	20.85	-1.682	-1.138	3.0749	-2.0307	-0.01193	33.745	*
		23.968	529698.8	183705.3	20.85	-1.3098	-0.88616	2.9379	-1.5813	-0.00929	33.745	*
		24.467	529699.2	183705.5	20.85	-0.93755	-0.63433	2.8008	-1.132	-0.00665	33.745	*
		24.967	529699.6	183705.8	20.85	-0.56534	-0.3825	2.6637	-0.68257	-0.00401	33.745	*
		25.466	529700.1	183706.1	20.85	-0.19314	-0.13067	2.5264	-0.23319	-0.00137	33.745	*
		25.965	529700.5	183706.4	20.85	0	0	2.389	0	0	33.745	*
		26.465	529700.9	183706.7	20.85	0	0	2.2517	0	0	33.745	*
		26.964	529701.3	183706.9	20.85	0	0	2.1143	0	0	33.745	*
		27.463	529701.7	183707.2	20.85	0	0	1.9768	0	0	33.745	*
		27.963	529702.1	183707.5	20.85	0	0	1.8394	0	0	33.745	*
		28.462	529702.6	183707.8	20.85	0	0	1.7021	0	0	33.745	*
		28.961	529703	183708	20.85	0	0	1.5647	0	0	33.745	*
		29.461	529703.4	183708.3	20.85	0	0	1.4274	0	0	33.745	*
		29.96	529703.8	183708.6	20.85	0	0	1.2902	0	0	33.745	*
		30.459	529704.2	183708.9	20.85	0	0	1.1531	0	0	33.745	*
		30.959	529704.6	183709.2	20.85	0	0	1.016	0	0	33.745	*
		31.458	529705	183709.4	20.85	0	0	1.7745	0	0	33.745	*
54	54	0	529678.9	183692	20.85	-28.078	-18.997	19.144	3.0345	-33.764	298.95	*
		0.50324	529679.1	183691.5	20.85	-28.14	-19.039	17.077	3.0413	-33.839	298.95	*
		1.0065	529679.4	183691.1	20.85	-28.202	-19.081	16.865	3.048	-33.914	298.95	*
		1.5097	529679.6	183690.6	20.85	-28.265	-19.124	16.678	3.0548	-33.989	298.95	*
		2.013	529679.9	183690.2	20.85	-28.327	-19.166	16.514	3.0615	-34.065	298.95	*
		2.5162	529680.1	183689.8	20.85	-28.39	-19.208	16.374	3.0683	-34.14	298.95	*
		3.0195	529680.3	183689.3	20.85	-28.453	-19.251	16.262	3.0751	-34.215	298.95	*
		3.5227	529680.6	183688.9	20.85	-28.515	-19.293	16.178	3.0818	-34.291	298.95	*
		4.0259	529680.8	183688.4	20.85	-28.578	-19.336	16.129	3.0886	-34.366	298.95	*
		4.5292	529681.1	183688	20.85	-28.641	-19.378	16.117	3.0954	-34.442	298.95	*
		5.0324	529681.3	183687.6	20.85	-28.704	-19.421	16.148	3.1022	-34.518	298.95	*
		5.5357	529681.6	183687.1	20.85	-28.767	-19.463	16.228	3.1091	-34.593	298.95	*
		6.0389	529681.8	183686.7	20.85	-28.83	-19.506	16.365	3.1159	-34.669	298.95	*
		6.5422	529682.1	183686.2	20.85	-28.893	-19.549	16.569	3.1227	-34.745	298.95	*
		7.0454	529682.3	183685.8	20.85	-28.957	-19.592	16.859	3.1295	-34.821	298.95	*
		7.5486	529682.5	183685.4	20.85	-29.02	-19.635	17.262	3.1364	-34.898	298.95	*
		8.0519	529682.8	183684.9	20.85	-29.083	-19.677	18.914	3.1432	-34.974	298.95	*
55	55	0	529682.8	183684.9	20.85	-29.083	-19.677	18.914	-35.109	-0.65925	33.006	*
		0.49168	529683.2	183685.2	20.85	-28.395	-19.212	17.046	-34.278	-0.64365	33.006	*
		0.98337	529683.6	183685.4	20.85	-27.716	-18.752	16.258	-33.457	-0.62824	33.006	*
		1.4751	529684	183685.7	20.85	-27.044	-18.298	15.479	-32.647	-0.61302	33.006	*
		1.9667	529684.4	183686	20.85	-26.38	-17.849	14.715	-31.845	-0.59797	33.006	*
		2.4584	529684.8	183686.3	20.85	-25.724	-17.405	13.975	-31.054	-0.5831	33.006	*
		2.9501	529685.3	183686.5	20.85	-25.076	-16.966	13.264	-30.271	-0.5684	33.006	*
		3.4418	529685.7	183686.8	20.85	-24.435	-16.532	12.588	-29.497	-0.55387	33.006	*
		3.9335	529686.1	183687.1	20.85	-23.801	-16.103	11.949	-28.731	-0.5395	33.006	*
		4.4252	529686.5	183687.3	20.85	-23.173	-15.679	11.352	-27.974	-0.52528	33.006	*
		4.9168	529686.9	183687.6	20.85	-22.553	-15.259	10.799	-27.225	-0.51122	33.006	*
		5.4085	529687.3	183687.9	20.85	-21.939	-14.844	10.291	-26.484	-0.4973	33.006	*
		5.9002	529687.7	183688.1	20.85	-21.331	-14.433	9.8277	-25.751	-0.48353	33.006	*
		6.3919	529688.1	183688.4	20.85	-20.73	-14.026	9.4101	-25.025	-0.46989	33.006	*
		6.8836	529688.6	183688.7	20.85	-20.134	-13.623	9.0369	-24.306	-0.4564	33.006	*
		7.3753	529689	183688.9	20.85	-19.545	-13.224	8.7064	-23.594	-0.44303	33.006	*
		7.8669	529689.4	183689.2	20.85	-18.96	-12.828	8.4162	-22.888	-0.42978	33.006	*
		8.3586	529689.8	183689.5	20.85	-18.382	-12.437	8.1633	-22.19	-0.41666	33.006	*
		8.8503	529690.2	183689.7	20.85	-17.808	-12.048	9.2301	-21.497	-0.40366	33.006	*
56	56	0	529690.2	183689.7	20.85	-17.808	-12.048	9.2301	0.005841	-21.501	304.07	*
		0.49694	529690.5	183689.3	20.85	-17.808	-12.049	7.9817	0.005841	-21.501	304.07	*
		0.99388	529690.8	183688.9	20.85	-17.808	-12.049	8.0227	0.005841	-21.501	304.07	*
		1.4908	529691	183688.5	20.85	-17.808	-12.049	8.0666	0.005841	-21.501	304.07	*
		1.9878	529691.3	183688.1	20.85	-17.808	-12.049	8.1125	0.005841	-21.502	304.07	*
		2.4847	529691.6	183687.7	20.85	-17.809	-12.049	8.1593	0.005841	-21.502	304.07	*
		2.9816	529691.9	183687.3	20.85	-17.809	-12.049	8.2051	0.005841	-21.502	304.07	*
		3.4786	529692.2	183686.9	20.85	-17.809	-12.049	8.2479	0.005841	-21.502	304.07	*
		3.9755	529692.4	183686.4	20.85	-17.809	-12.049	8.2855	0.005841	-21.502	304.07	*
		4.4724	529692.7	183686	20.85	-17.809	-12.049	8.3159	0.005841	-21.502	304.07	*
		4.9694	529693	183685.6	20.85	-17.809	-12.05	8.3377	0.005841	-21.503	304.07	*
		5.4663	529693.3	183685.2	20.85	-17.809	-12.05	8.3506	0.005841	-21.503	304.07	*
		5.9633	529693.5	183684.8	20.85	-17.81	-12.05	8.3549	0.005841	-21.503	304.07	*
		6.4602	529693.8	183684.4	20.85	-17.81	-12.05	8.3518	0.005841	-21.503	304.07	*
		6.9571	529694.1	183684	20.85	-17.81	-12.05	8.3428	0.005841	-21.503	304.07	*
		7.4541	529694.4	183683.6	20.85	-17.81	-12.05	8.3291	0.005841	-21.504	304.07	*
		7.951	529694.7	183683.1	20.85	-17.81	-12.05	8.3121	0.005841	-21.504	304.07	*
		8.448	529694.9	183682.7	20.85	-17.81	-12.05	8.2931	0.005841	-21.504	304.07	*
		8.9449	529695.2	183682.3	20.85	-17.811	-12.05	8.2729	0.005841	-21.504	304.07	*
		9.4418	529695.5	183681.9	20.85	-17.811	-12.05	8.2524	0.005842	-21.504	304.07	*
		9.9388	529695.8	183681.5	20.85	-17.811	-12.051	8.2323	0.005842	-21.505	304.07	*
		10.436	529696	183681.1	20.85	-17.811	-12.051	8.213	0.005842	-21.505	304.07	*
		10.933	529696.3	183680.7	20.85	-17.811	-12.051	8.1949	0.005842	-21.505	304.07	*
		11.43	529696.6	183680.3	20.85	-17.811	-12.051	8.1783	0.005842	-21.505	304.07	*
		11.927	529696.9	183679.9	20.85	-17.812	-12.051	8.1634	0.005842	-21.505	304.07	*
		12.423	529697.2	183679.4	20.85	-17.812	-12.051	8.1503	0.005842	-21.505	304.07	*
		12.92	529697.4	183679	20.85	-17.812	-12.051	8.1391	0.005842	-21.506	304.07	*
		13.417	529697.7	183678.6	20.85	-17.976	-11.57	8.1283	-0.48521	-21.372	304.07	*
		13.914	529698	183678.2	20.85	-18.232	-10.752	8.112	-1.306	-21.126	304.07	*
		14.411	529698.3	183677.8	20.85	-18.463	-9.9279	8.0897	-2.1176	-20.855	304.07	*
		14.908	529698.6	183677.4	20.85	-18.665	-9.1028	8.0615	-2.9144	-20.561	304.07	*
		15.405	529698.8	183677	20.85	-18.838	-8.2824	8.028	-3.6911	-20.245	304.07	*
		15.902	529699.1	183676.6	20.85	-18.981	-7.4717	7.9896	-4.4426	-19.909	304.07	*
		16.399	529699.4	183676.1	20.85	-19.092	-6.6755	7.947	-5.1646	-19.555	304.07	*
		16.896	529699.7	183675.7	20.85	-19.172	-5.8982	7.901	-5.8531	-19.186	304.07	*
		17.393	529699.9	183675.3	20.85	-19.219	-5.1437	7.8521	-6.5045	-18.802	304.07	*
		17.89	529700.2	183674.9	20.85	-19.234	-4.4153	7.8012	-7.1161	-18.406	304.07	*
		18.387	529700.5	183674.5	20.85	-19.216	-3.716	7.7488	-7.6856	-18	304.07	*
		18.884	529700.8	183674.1	20.85	-19.166	-3.0481	7.6956	-8.211	-17.585	304.07	*
		19.381	529701.1	183673.7	20.85	-19.085	-2.4134	7.6421	-8.6912	-17.162	304.07	*
		19.878	529701.3	183673.3	20.85	-18.973	-1.8133	7.5887	-9.1254	-16.732	304.07	*
		20.374	529701.6	183672.9	20.85	-18.736	-1.5236	7.5359	-9.2328	-16.374	304.07	*
		20.871	529701.9	183672.4	20.85	-18.406	-1.4968	7.4859	-9.0703	-16.086	304.07	*
		21.368	529702.2	183672	20.85	-18.078	-1.4701	7.4386	-8.9083	-15.799	304.07	*

		21.865	529702.5	183671.6	20.85	-17.75	-1.4435	7.3934	-8.747	-15.513	304.07	*
		22.362	529702.7	183671.2	20.85	-17.424	-1.4169	7.3495	-8.5862	-15.227	304.07	*
		22.859	529703	183670.8	20.85	-17.099	-1.3905	7.3063	-8.426	-14.943	304.07	*
		23.356	529703.3	183670.4	20.85	-16.775	-1.3641	7.2633	-8.2663	-14.66	304.07	*
		23.853	529703.6	183670	20.85	-16.452	-1.3379	7.2199	-8.1071	-14.378	304.07	*
		24.35	529703.8	183669.6	20.85	-16.13	-1.3117	7.1755	-7.9484	-14.096	304.07	*
		24.847	529704.1	183669.1	20.85	-15.809	-1.2856	8.7109	-7.7902	-13.816	304.07	*
57	57	0	529697.1	183664.7	20.85	-26.093	-2.1219	11.598	-23.198	12.133	32.259	*
		0.49054	529697.5	183665	20.85	-25.449	-2.0695	9.787	-22.625	11.833	32.259	*
		0.98108	529697.9	183665.2	20.85	-24.81	-2.0176	9.4383	-22.058	11.536	32.259	*
		1.4716	529698.3	183665.5	20.85	-24.178	-1.9661	9.1285	-21.495	11.242	32.259	*
		1.9622	529698.7	183665.7	20.85	-23.55	-1.9151	8.8544	-20.937	10.95	32.259	*
		2.4527	529699.1	183666	20.85	-22.928	-1.8645	8.613	-20.384	10.661	32.259	*
		2.9432	529699.6	183666.3	20.85	-22.311	-1.8143	8.4011	-19.835	10.374	32.259	*
		3.4338	529700	183666.5	20.85	-21.698	-1.7645	8.2158	-19.291	10.089	32.259	*
		3.9243	529700.4	183666.8	20.85	-21.091	-1.7151	8.0539	-18.751	9.8067	32.259	*
		4.4149	529700.8	183667.1	20.85	-20.488	-1.6661	7.9122	-18.215	9.5263	32.259	*
		4.9054	529701.2	183667.3	20.85	-19.889	-1.6174	7.7877	-17.682	9.248	32.259	*
		5.3959	529701.6	183667.6	20.85	-19.295	-1.5691	7.6771	-17.154	8.9716	32.259	*
		5.8865	529702	183667.8	20.85	-18.705	-1.5211	7.5773	-16.629	8.6972	32.259	*
		6.377	529702.5	183668.1	20.85	-18.118	-1.4734	7.485	-16.108	8.4245	32.259	*
		6.8676	529702.9	183668.4	20.85	-17.536	-1.426	7.3971	-15.59	8.1536	32.259	*
		7.3581	529703.3	183668.6	20.85	-16.957	-1.3789	7.3106	-15.075	7.8844	32.259	*
		7.8487	529703.7	183668.9	20.85	-16.381	-1.3321	7.2224	-14.563	7.6167	32.259	*
		8.3392	529704.1	183669.1	20.85	-15.809	-1.2856	8.7109	-14.055	7.3506	32.259	*
58	58	0	529697.1	183664.7	20.85	-26.093	-2.1219	11.598	-12.334	-23.091	302.76	*
		0.48741	529697.3	183664.3	20.85	-25.752	-2.0942	9.9762	-12.173	-22.789	302.76	*
		0.97482	529697.6	183663.9	20.85	-25.412	-2.0666	9.7857	-12.013	-22.489	302.76	*
		1.4622	529697.9	183663.5	20.85	-25.075	-2.0391	9.6059	-11.853	-22.19	302.76	*
		1.9496	529698.1	183663.1	20.85	-24.738	-2.0117	9.4366	-11.694	-21.893	302.76	*
		2.4371	529698.4	183662.6	20.85	-24.404	-1.9845	9.2773	-11.536	-21.596	302.76	*
		2.9245	529698.7	183662.2	20.85	-24.071	-1.9574	9.1279	-11.378	-21.302	302.76	*
		3.4119	529698.9	183661.8	20.85	-23.739	-1.9305	8.988	-11.222	-21.008	302.76	*
		3.8993	529699.2	183661.4	20.85	-23.409	-1.9036	8.8571	-11.065	-20.716	302.76	*
		4.3867	529699.4	183661	20.85	-23.08	-1.8769	8.7349	-10.91	-20.425	302.76	*
		4.8741	529699.7	183660.6	20.85	-22.753	-1.8503	8.6211	-10.755	-20.135	302.76	*
		5.3615	529700	183660.2	20.85	-22.427	-1.8237	8.5151	-10.601	-19.847	302.76	*
		5.8489	529700.2	183659.8	20.85	-22.102	-1.7974	8.4165	-10.448	-19.559	302.76	*
		6.3364	529700.5	183659.4	20.85	-21.779	-1.7711	8.325	-10.295	-19.273	302.76	*
		6.8238	529700.8	183659	20.85	-21.457	-1.7449	8.24	-10.143	-18.989	302.76	*
		7.3112	529701	183658.5	20.85	-21.136	-1.7188	8.1611	-9.9913	-18.705	302.76	*
		7.7986	529701.3	183658.1	20.85	-20.817	-1.6929	8.0878	-9.8404	-18.422	302.76	*
		8.286	529701.6	183657.7	20.85	-20.499	-1.667	8.0196	-9.69	-18.141	302.76	*
		8.7734	529701.8	183657.3	20.85	-20.182	-1.6412	7.9562	-9.5403	-17.86	302.76	*
		9.2608	529702.1	183656.9	20.85	-19.867	-1.6156	9.5311	-9.3911	-17.581	302.76	*
59	59	0	529702.1	183656.9	20.85	-19.867	-1.6156	9.5311	-17.511	9.5212	33.183	*
		0.50257	529702.5	183657.2	20.85	-19.263	-1.5665	7.7855	-16.979	9.2319	33.183	*
		1.0051	529702.9	183657.5	20.85	-18.664	-1.5177	7.6852	-16.451	8.9447	33.183	*
		1.5077	529703.3	183657.7	20.85	-18.068	-1.4693	7.5927	-15.926	8.6594	33.183	*
		2.0103	529703.8	183658	20.85	-17.477	-1.4212	7.5048	-15.405	8.376	33.183	*
		2.5129	529704.2	183658.3	20.85	-16.889	-1.3734	7.418	-14.887	8.0943	33.183	*
		3.0154	529704.6	183658.6	20.85	-16.305	-1.3259	7.3293	-14.372	7.8143	33.183	*
		3.518	529705	183658.8	20.85	-15.724	-1.2787	7.2355	-13.86	7.5359	33.183	*
		4.0206	529705.4	183659.1	20.85	-15.146	-1.2317	7.1336	-13.351	7.259	33.183	*
		4.5232	529705.9	183659.4	20.85	-14.572	-1.185	7.021	-12.844	6.9836	33.183	*
		5.0257	529706.3	183659.7	20.85	-14	-1.1385	6.1478	-12.34	6.7095	33.183	*
		5.5283	529706.7	183659.9	20.85	-13.43	-1.0922	6.0371	-11.838	6.4366	33.183	*
		6.0309	529707.1	183660.2	20.85	-12.864	-1.0461	5.9249	-11.339	6.165	33.183	*
		6.5335	529707.5	183660.5	20.85	-12.299	-1.0002	5.8113	-10.841	5.8945	33.183	*
		7.036	529708	183660.8	20.85	-11.737	-0.95446	5.6965	-10.345	5.625	33.183	*
		7.5386	529708.4	183661	20.85	-11.177	-0.90889	5.5804	-9.8515	5.3565	33.183	*
		8.0412	529708.8	183661.3	20.85	-10.618	-0.86347	5.4632	-9.3591	5.0888	33.183	*
		8.5437	529709.2	183661.6	20.85	-10.061	-0.81818	5.3448	-8.8683	4.8219	33.183	*
		9.0463	529709.7	183661.9	20.85	-9.5057	-0.77301	5.2255	-8.3787	4.5557	33.183	*
		9.5489	529710.1	183662.1	20.85	-8.9515	-0.72795	5.1052	-7.8902	4.2901	33.183	*
		10.051	529710.5	183662.4	20.85	-8.3985	-0.68297	4.984	-7.4027	4.025	33.183	*
		10.554	529710.9	183662.7	20.85	-7.8464	-0.63807	4.8619	-6.9161	3.7604	33.183	*
		11.057	529711.3	183663	20.85	-7.295	-0.59324	4.7391	-6.4301	3.4962	33.183	*
		11.559	529711.8	183663.2	20.85	-6.7443	-0.54845	4.6156	-5.9446	3.2322	33.183	*
		12.062	529712.2	183663.5	20.85	-6.194	-0.5037	4.4915	-5.4596	2.9685	33.183	*
		12.564	529712.6	183663.8	20.85	-5.6439	-0.45897	4.3668	-4.9747	2.7049	33.183	*
		13.067	529713	183664.1	20.85	-5.0939	-0.41424	4.2416	-4.49	2.4413	33.183	*
		13.569	529713.4	183664.3	20.85	-4.5439	-0.36951	4.1159	-4.0051	2.1777	33.183	*
		14.072	529713.9	183664.6	20.85	-3.9935	-0.32476	3.9897	-3.52	1.9139	33.183	*
		14.575	529714.3	183664.9	20.85	-3.4428	-0.27997	3.8633	-3.0346	1.65	33.183	*
		15.077	529714.7	183665.2	20.85	-2.8902	-0.23504	3.7365	-2.5476	1.3852	33.183	*
		15.58	529715.1	183665.4	20.85	-2.4942	-0.20283	3.6094	-2.1984	1.1953	33.183	*
		16.082	529715.5	183665.7	20.85	-2.0981	-0.17062	3.482	-1.8493	1.0055	33.183	*
		16.585	529716	183666	20.85	-1.702	-0.13841	3.3545	-1.5002	0.81571	33.183	*
		17.087	529716.4	183666.3	20.85	-1.306	-0.1062	3.2268	-1.1511	0.62589	33.183	*
		17.59	529716.8	183666.5	20.85	-0.9099	-0.07399	3.099	-0.80202	0.43608	33.183	*
		18.093	529717.2	183666.8	20.85	-0.51383	-0.04179	2.971	-0.45291	0.24626	33.183	*
		18.595	529717.6	183667.1	20.85	-0.11776	-0.00958	2.843	-0.1038	0.056439	33.183	*
		19.098	529718.1	183667.4	20.85	0	0	2.715	0	0	33.183	*
		19.6	529718.5	183667.6	20.85	0	0	2.5869	0	0	33.183	*
		20.103	529718.9	183667.9	20.85	0	0	2.4588	0	0	33.183	*
		20.606	529719.3	183668.2	20.85	0	0	2.3308	0	0	33.183	*
		21.108	529719.7	183668.5	20.85	0	0	2.2028	0	0	33.183	*
		21.611	529720.2	183668.7	20.85	0	0	2.0748	0	0	33.183	*
		22.113	529720.6	183669	20.85	0	0	1.9469	0	0	33.183	*
		22.616	529721	183669.3	20.85	0	0	1.8191	0	0	33.183	*
		23.118	529721.4	183669.6	20.85	0	0	1.6914	0	0	33.183	*
		23.621	529721.8	183669.8	20.85	0	0	1.5639	0	0	33.183	*
		24.124	529722.3	183670.1	20.85	0	0	1.4364	0	0	33.183	*
		24.626	529722.7	183670.4	20.85	0	0	1.3091	0	0	33.183	*
		25.129	529723.1	183670.7	20.85	0	0	1.182	0	0	33.183	*
		25.631	529723.5	183670.9	20.85	0	0	1.1425	0	0	33.183	*
		26.134	529724	183671.2	20.85	0	0	1.126	0	0	33.183	*
		26.636	529724.4	183671.5	20.85	0	0	1.1097	0	0	33.183	*
		27.139	529724.8	183671.8	20.85	0	0	1.0936	0	0	33.183	*
		27.642	529725.2	183672	20.85	0	0	1.0777	0	0	33.183	*
		28.144	529725.6	183672.3	20.85	0	0	1.0619	0	0	33.183	*
		28.647	529726.1	183672.6	20.85	0	0	1.0464	0	0	33.183	*
		29.149	529726.5	183672.9	20.85	0	0	1.031	0	0	33.183	*
		29.652	529726.9	183673.1	20.85	0	0	1.0159	0	0	33.183	*
		30.154	529727.3	183673.4	20.85	0	0	2.0018	0	0	33.183	*
60	60	0	529705	183709.4	20.85	0	0	1.7745	0	0	301.73	*
		0.49823	529705.3	183709	20.85	0	0	0.89185	0	0	301.73	*
		0.99646	529705.6	183708.6	20.85	0	0	0.89839	0	0	301.73	*
		1.4947	529705.8	183708.2	20.85	0	0	0.90798	0	0	301.73	*
		1.9929	529706.1	183707.7	20.85	0	0	0.91751	0	0	301.73	*
		2.4911	529706.4	183707.3	20.85	0	0	0.92698	0	0	301.73	*
		2.9894	529706.6	183706.9	20.85	0	0	0.9364	0	0	301.73	*
		3.4876	529706.9	183706.5	20.85	0	0	0.94575	0	0	301.73	*
		3.9858	529707.1	183706	20.85	0	0	0.95503	0	0	301.73	*
		4.4841	529707.4	183705.6	20.85	0	0	0.96427	0	0	301.73	*
		4.9823	529707.7	183705.2	20.85	0	0	0.97343	0	0	301.73	*
		5.4805	529707.9	183704.8	20.85	0	0	0.98253	0	0	301.73	*
		5.9787	529708.2	183704.3	20.85	0	0	0.99156	0	0	301.73	*
		6.477	529708.4	183703.9	20.85	0	0	1.0005	0	0	301.73	*
		6.9752	529708.7	183703.5	20.85	0	0	1.0094	0	0	301.73	*
		7.4734	529709	183703.1	20.85	0	0	1.0183	0	0	301.73	*

		7.9717	529709.2	183702.7	20.85	0	0	1.027	0	0	301.73	*
		8.4699	529709.5	183702.2	20.85	0	0	1.0357	0	0	301.73	*
		8.9681	529709.8	183701.8	20.85	0	0	1.0444	0	0	301.73	*
		9.4663	529710	183701.4	20.85	0	0	1.0529	0	0	301.73	*
		9.9646	529710.3	183701	20.85	0	0	1.0614	0	0	301.73	*
		10.463	529710.5	183700.5	20.85	0	0	1.0698	0	0	301.73	*
		10.961	529710.8	183700.1	20.85	0	0	1.0782	0	0	301.73	*
		11.459	529711.1	183699.7	20.85	0	0	1.0864	0	0	301.73	*
		11.957	529711.3	183699.3	20.85	0	0	1.0946	0	0	301.73	*
		12.456	529711.6	183698.8	20.85	0	0	1.1028	0	0	301.73	*
		12.954	529711.9	183698.4	20.85	0	0	1.1108	0	0	301.73	*
		13.452	529712.1	183698	20.85	0	0	1.1188	0	0	301.73	*
		13.95	529712.4	183697.6	20.85	0	0	1.1267	0	0	301.73	*
		14.449	529712.6	183697.1	20.85	0	0	1.1345	0	0	301.73	*
		14.947	529712.9	183696.7	20.85	0	0	1.1423	0	0	301.73	*
		15.445	529713.2	183696.3	20.85	0	0	1.1499	0	0	301.73	*
		15.943	529713.4	183695.9	20.85	0	0	1.1575	0	0	301.73	*
		16.442	529713.7	183695.4	20.85	0	0	1.165	0	0	301.73	*
		16.94	529714	183695	20.85	0	0	1.1724	0	0	301.73	*
		17.438	529714.2	183694.6	20.85	0	0	1.1798	0	0	301.73	*
		17.936	529714.5	183694.2	20.85	0	0	1.187	0	0	301.73	*
		18.434	529714.7	183693.8	20.85	0	0	1.1942	0	0	301.73	*
		18.933	529715	183693.3	20.85	0	0	1.2013	0	0	301.73	*
		19.431	529715.3	183692.9	20.85	0	0	1.2083	0	0	301.73	*
		19.929	529715.5	183692.5	20.85	0	0	1.2152	0	0	301.73	*
		20.427	529715.8	183692.1	20.85	0	0	1.2221	0	0	301.73	*
		20.926	529716	183691.6	20.85	0	0	1.2288	0	0	301.73	*
		21.424	529716.3	183691.2	20.85	0	0	1.2352	0	0	301.73	*
		21.922	529716.6	183690.8	20.85	0	0	1.2398	0	0	301.73	*
		22.42	529716.8	183690.4	20.85	0	0	1.2426	0	0	301.73	*
		22.919	529717.1	183689.9	20.85	0	0	1.2435	0	0	301.73	*
		23.417	529717.4	183689.5	20.85	0	0	1.2426	0	0	301.73	*
		23.915	529717.6	183689.1	20.85	0	0	1.2398	0	0	301.73	*
		24.413	529717.9	183688.7	20.85	0	0	1.2351	0	0	301.73	*
		24.911	529718.1	183688.2	20.85	0	0	1.2285	0	0	301.73	*
		25.41	529718.4	183687.8	20.85	0	0	1.2201	0	0	301.73	*
		25.908	529718.7	183687.4	20.85	0	0	1.2098	0	0	301.73	*
		26.406	529718.9	183687	20.85	0	0	1.1976	0	0	301.73	*
		26.904	529719.2	183686.5	20.85	0	0	1.1836	0	0	301.73	*
		27.403	529719.5	183686.1	20.85	0	0	1.1678	0	0	301.73	*
		27.901	529719.7	183685.7	20.85	0	0	1.1501	0	0	301.73	*
		28.399	529720	183685.3	20.85	0	0	1.1306	0	0	301.73	*
		28.897	529720.2	183684.9	20.85	0	0	1.1093	0	0	301.73	*
		29.395	529720.5	183684.4	20.85	0	0	1.0862	0	0	301.73	*
		29.894	529720.8	183684	20.85	0	0	1.0613	0	0	301.73	*
		30.392	529721	183683.6	20.85	0	0	1.036	0	0	301.73	*
		30.89	529721.3	183683.2	20.85	0	0	1.0357	0	0	301.73	*
		31.388	529721.6	183682.7	20.85	0	0	1.0353	0	0	301.73	*
		31.887	529721.8	183682.3	20.85	0	0	1.0348	0	0	301.73	*
		32.385	529722.1	183681.9	20.85	0	0	1.0342	0	0	301.73	*
		32.883	529722.3	183681.5	20.85	0	0	1.0335	0	0	301.73	*
		33.381	529722.6	183681	20.85	0	0	1.0327	0	0	301.73	*
		33.88	529722.9	183680.6	20.85	0	0	1.0318	0	0	301.73	*
		34.378	529723.1	183680.2	20.85	0	0	1.0307	0	0	301.73	*
		34.876	529723.4	183679.8	20.85	0	0	1.0296	0	0	301.73	*
		35.374	529723.6	183679.3	20.85	0	0	1.0284	0	0	301.73	*
		35.872	529723.9	183678.9	20.85	0	0	1.0271	0	0	301.73	*
		36.371	529724.2	183678.5	20.85	0	0	1.0256	0	0	301.73	*
		36.869	529724.4	183678.1	20.85	0	0	1.0241	0	0	301.73	*
		37.367	529724.7	183677.7	20.85	0	0	1.0225	0	0	301.73	*
		37.865	529725	183677.2	20.85	0	0	1.0208	0	0	301.73	*
		38.364	529725.2	183676.8	20.85	0	0	1.0189	0	0	301.73	*
		38.862	529725.5	183676.4	20.85	0	0	1.017	0	0	301.73	*
		39.36	529725.7	183676	20.85	0	0	1.015	0	0	301.73	*
		39.858	529726	183675.5	20.85	0	0	1.0129	0	0	301.73	*
		40.356	529726.3	183675.1	20.85	0	0	1.0107	0	0	301.73	*
		40.855	529726.5	183674.7	20.85	0	0	1.0084	0	0	301.73	*
		41.353	529726.8	183674.3	20.85	0	0	1.006	0	0	301.73	*
		41.851	529727.1	183673.8	20.85	0	0	1.0035	0	0	301.73	*
		42.349	529727.3	183673.4	20.85	0	0	2.0018	0	0	301.73	*
61	61	0	529737.2	183695.8	22.85	0	0	0	0	0	29.18	
		0.50203	529737.6	183696.1	22.85	0	0	0	0	0	29.18	
		1.0041	529738.1	183696.3	22.85	0	0	0	0	0	29.18	
		1.5061	529738.5	183696.5	22.85	0	0	0	0	0	29.18	
		2.0081	529738.9	183696.8	22.85	0	0	0	0	0	29.18	
		2.5101	529739.4	183697	22.85	0	0	0	0	0	29.18	
		3.0122	529739.8	183697.3	22.85	0	0	0	0	0	29.18	
		3.5142	529740.3	183697.5	22.85	0	0	0	0	0	29.18	
		4.0162	529740.7	183697.8	22.85	0	0	0	0	0	29.18	
		4.5182	529741.1	183698	22.85	0	0	0	0	0	29.18	
		5.0203	529741.6	183698.3	22.85	0	0	0	0	0	29.18	
		5.5223	529742	183698.5	22.85	0	0	0	0	0	29.18	
		6.0243	529742.4	183698.7	22.85	0	0	0	0	0	29.18	
		6.5263	529742.9	183699	22.85	0	0	0	0	0	29.18	
		7.0284	529743.3	183699.2	22.85	0	0	0	0	0	29.18	
		7.5304	529743.8	183699.5	22.85	0	0	0	0	0	29.18	
		8.0324	529744.2	183699.7	22.85	0	0	0	0	0	29.18	
		8.5344	529744.6	183700	22.85	0	0	0	0	0	29.18	
		9.0365	529745.1	183700.2	22.85	0	0	0	0	0	29.18	
		9.5385	529745.5	183700.5	22.85	0	0	0	0	0	29.18	
		10.041	529746	183700.7	22.85	0	0	0	0	0	29.18	
		10.543	529746.4	183700.9	22.85	0	0	0	0	0	29.18	
		11.045	529746.8	183701.2	22.85	0	0	0	0	0	29.18	
		11.547	529747.3	183701.4	22.85	0	0	0	0	0	29.18	
		12.049	529747.7	183701.7	22.85	0	0	0	0	0	29.18	
		12.551	529748.1	183701.9	22.85	0	0	0	0	0	29.18	
		13.053	529748.6	183702.2	22.85	0	0	0	0	0	29.18	
		13.555	529749	183702.4	22.85	0	0	0	0	0	29.18	
		14.057	529749.5	183702.7	22.85	0	0	0	0	0	29.18	
		14.559	529749.9	183702.9	22.85	0	0	0	0	0	29.18	
		15.061	529750.3	183703.2	22.85	0	0	0	0	0	29.18	
		15.563	529750.8	183703.4	22.85	0	0	0	0	0	29.18	
		16.065	529751.2	183703.6	22.85	0	0	0	0	0	29.18	
		16.567	529751.7	183703.9	22.85	0	0	0	0	0	29.18	
		17.069	529752.1	183704.1	22.85	0	0	0	0	0	29.18	
		17.571	529752.5	183704.4	22.85	0	0	0	0	0	29.18	
		18.073	529753	183704.6	22.85	0	0	0	0	0	29.18	
		18.575	529753.4	183704.9	22.85	0	0	0	0	0	29.18	
		19.077	529753.8	183705.1	22.85	0	0	0	0	0	29.18	
62	62	0	529737.2	183695.8	22.85	0	0	0	0	0	302.94	
		0.50049	529737.5	183695.4	22.85	0	0	0	0	0	302.94	
		1.001	529737.7	183695	22.85	0	0	0	0	0	302.94	
		1.5015	529738	183694.5	22.85	0	0	0	0	0	302.94	
		2.002	529738.3	183694.1	22.85	0	0	0	0	0	302.94	
		2.5025	529738.5	183693.7	22.85	0	0	0	0	0	302.94	
		3.003	529738.8	183693.3	22.85	0	0	0	0	0	302.94	
		3.5035	529739.1	183692.9	22.85	0	0	0	0	0	302.94	
		4.0039	529739.4	183692.4	22.85	0	0	0	0	0	302.94	
		4.5044	529739.6	183692	22.85	0	0	0	0	0	302.94	
		5.0049	529739.9	183691.6	22.85	0	0	0	0	0	302.94	
		5.5054	529740.2	183691.2	22.85	0	0	0	0	0	302.94	
		6.0059	529740.5	183690.8	22.85	0	0	0	0	0	302.94	

6.5064	529740.7	183690.3	22.85	0	0	0	0	0	302.94
7.0069	529741	183689.9	22.85	0	0	0	0	0	302.94
7.5074	529741.3	183689.5	22.85	0	0	0	0	0	302.94
8.0079	529741.5	183689.1	22.85	0	0	0	0	0	302.94
8.5084	529741.8	183688.7	22.85	0	0	0	0	0	302.94
9.0089	529742.1	183688.2	22.85	0	0	0	0	0	302.94
9.5094	529742.4	183687.8	22.85	0	0	0	0	0	302.94
10.01	529742.6	183687.4	22.85	0	0	0	0	0	302.94
10.51	529742.9	183687	22.85	0	0	0	0	0	302.94
11.011	529743.2	183686.6	22.85	0	0	0	0	0	302.94
11.511	529743.4	183686.1	22.85	0	0	0	0	0	302.94
12.012	529743.7	183685.7	22.85	0	0	0	0	0	302.94
12.512	529744	183685.3	22.85	0	0	0	0	0	302.94
13.013	529744.3	183684.9	22.85	0	0	0	0	0	302.94
13.513	529744.5	183684.5	22.85	0	0	0	0	0	302.94
14.014	529744.8	183684	22.85	0	0	0	0	0	302.94
14.514	529745.1	183683.6	22.85	0	0	0	0	0	302.94
15.015	529745.4	183683.2	22.85	0	0	0	0	0	302.94
15.515	529745.6	183682.8	22.85	0	0	0	0	0	302.94
16.016	529745.9	183682.4	22.85	0	0	0	0	0	302.94
16.516	529746.2	183681.9	22.85	0	0	0	0	0	302.94
17.017	529746.4	183681.5	22.85	0	0	0	0	0	302.94
17.517	529746.7	183681.1	22.85	0	0	0	0	0	302.94
18.018	529747	183680.7	22.85	0	0	0	0	0	302.94
18.518	529747.3	183680.3	22.85	0	0	0	0	0	302.94
19.019	529747.5	183679.8	22.85	0	0	0	0	0	302.94
19.519	529747.8	183679.4	22.85	0	0	0	0	0	302.94
20.02	529748.1	183679	22.85	0	0	0	0	0	302.94
20.52	529748.3	183678.6	22.85	0	0	0	0	0	302.94
21.021	529748.6	183678.2	22.85	0	0	0	0	0	302.94
21.521	529748.9	183677.7	22.85	0	0	0	0	0	302.94
22.022	529749.2	183677.3	22.85	0	0	0	0	0	302.94
22.522	529749.4	183676.9	22.85	0	0	0	0	0	302.94
23.023	529749.7	183676.5	22.85	0	0	0	0	0	302.94
23.523	529750	183676.1	22.85	0	0	0	0	0	302.94
24.024	529750.3	183675.6	22.85	0	0	0	0	0	302.94
24.524	529750.5	183675.2	22.85	0	0	0	0	0	302.94
25.025	529750.8	183674.8	22.85	0	0	0	0	0	302.94
25.525	529751.1	183674.4	22.85	0	0	0	0	0	302.94
26.026	529751.3	183674	22.85	0	0	0	0	0	302.94
26.526	529751.6	183673.5	22.85	0	0	0	0	0	302.94
27.027	529751.9	183673.1	22.85	0	0	0	0	0	302.94
27.527	529752.2	183672.7	22.85	0	0	0	0	0	302.94
28.028	529752.4	183672.3	22.85	0	0	0	0	0	302.94
28.528	529752.7	183671.9	22.85	0	0	0	0	0	302.94
29.029	529753	183671.4	22.85	0	0	0	0	0	302.94
29.529	529753.2	183671	22.85	0	0	0	0	0	302.94
30.03	529753.5	183670.6	22.85	0	0	0	0	0	302.94
30.53	529753.8	183670.2	22.85	0	0	0	0	0	302.94
31.031	529754.1	183669.8	22.85	0	0	0	0	0	302.94
31.531	529754.3	183669.3	22.85	0	0	0	0	0	302.94
32.032	529754.6	183668.9	22.85	0	0	0	0	0	302.94
32.532	529754.9	183668.5	22.85	0	0	0	0	0	302.94
33.033	529755.2	183668.1	22.85	0	0	0	0	0	302.94
33.533	529755.4	183667.7	22.85	0	0	0	0	0	302.94
34.034	529755.7	183667.2	22.85	0	0	0	0	0	302.94
34.534	529756	183666.8	22.85	0	0	0	0	0	302.94
35.035	529756.2	183666.4	22.85	0	0	0	0	0	302.94
35.535	529756.5	183666	22.85	0	0	0	0	0	302.94
36.036	529756.8	183665.6	22.85	0	0	0	0	0	302.94
36.536	529757.1	183665.1	22.85	0	0	0	0	0	302.94
37.037	529757.3	183664.7	22.85	0	0	0	0	0	302.94
37.537	529757.6	183664.3	22.85	0	0	0	0	0	302.94
38.038	529757.9	183663.9	22.85	0	0	0	0	0	302.94
38.538	529758.1	183663.5	22.85	0	0	0	0	0	302.94
39.039	529758.4	183663	22.85	0	0	0	0	0	302.94
39.539	529758.7	183662.6	22.85	0	0	0	0	0	302.94
40.039	529759	183662.2	22.85	0	0	0	0	0	302.94
40.54	529759.2	183661.8	22.85	0	0	0	0	0	302.94
41.04	529759.5	183661.4	22.85	0	0	0	0	0	302.94
41.541	529759.8	183660.9	22.85	0	0	0	0	0	302.94
42.041	529760	183660.5	22.85	0	0	0	0	0	302.94
42.542	529760.3	183660.1	22.85	0	0	0	0	0	302.94
43.042	529760.6	183659.7	22.85	0	0	0	0	0	302.94
43.543	529760.9	183659.3	22.85	0	0	0	0	0	302.94
44.043	529761.1	183658.8	22.85	0	0	0	0	0	302.94
44.544	529761.4	183658.4	22.85	0	0	0	0	0	302.94
45.044	529761.7	183658	22.85	0	0	0	0	0	302.94
45.545	529762	183657.6	22.85	0	0	0	0	0	302.94
46.045	529762.2	183657.2	22.85	0	0	0	0	0	302.94
46.546	529762.5	183656.7	22.85	0	0	0	0	0	302.94
47.046	529762.8	183656.3	22.85	0	0	0	0	0	302.94
47.547	529763	183655.9	22.85	0	0	0	0	0	302.94
48.047	529763.3	183655.5	22.85	0	0	0	0	0	302.94
48.548	529763.6	183655.1	22.85	0	0	0	0	0	302.94
49.048	529763.9	183654.6	22.85	0	0	0	0	0	302.94
49.549	529764.1	183654.2	22.85	0	0	0	0	0	302.94
50.049	529764.4	183653.8	22.85	0	0	0	0	0	302.94
50.55	529764.7	183653.4	22.85	0	0	0	0	0	302.94
51.05	529764.9	183653	22.85	0	0	0	0	0	302.94
51.551	529765.2	183652.5	22.85	0	0	0	0	0	302.94
52.051	529765.5	183652.1	22.85	0	0	0	0	0	302.94
52.552	529765.8	183651.7	22.85	0	0	0	0	0	302.94
53.052	529766	183651.3	22.85	0	0	0	0	0	302.94
53.553	529766.3	183650.9	22.85	0	0	0	0	0	302.94
54.053	529766.6	183650.4	22.85	0	0	0	0	0	302.94
54.554	529766.9	183650	22.85	0	0	0	0	0	302.94
55.054	529767.1	183649.6	22.85	0	0	0	0	0	302.94
55.555	529767.4	183649.2	22.85	0	0	0	0	0	302.94
56.055	529767.7	183648.8	22.85	0	0	0	0	0	302.94
56.556	529767.9	183648.3	22.85	0	0	0	0	0	302.94
57.056	529768.2	183647.9	22.85	0	0	0	0	0	302.94
57.557	529768.5	183647.5	22.85	0	0	0	0	0	302.94
58.057	529768.8	183647.1	22.85	0	0	0	0	0	302.94
58.558	529769	183646.7	22.85	0	0	0	0	0	302.94
59.058	529769.3	183646.2	22.85	0	0	0	0	0	302.94
59.559	529769.6	183645.8	22.85	0	0	0	0	0	302.94
60.059	529769.8	183645.4	22.85	0	0	0	0	0	302.94
60.56	529770.1	183645	22.85	0	0	0	0	0	302.94
61.06	529770.4	183644.6	22.85	0	0	0	0	0	302.94
61.561	529770.7	183644.1	22.85	0	0	0	0	0	302.94
62.061	529770.9	183643.7	22.85	0	0	0	0	0	302.94
62.562	529771.2	183643.3	22.85	0	0	0	0	0	302.94
63.062	529771.5	183642.9	22.85	0	0	0	0	0	302.94
63.563	529771.8	183642.5	22.85	0	0	0	0	0	302.94
64.063	529772	183642	22.85	0	0	0	0	0	302.94
64.564	529772.3	183641.6	22.85	0	0	0	0	0	302.94
65.064	529772.6	183641.2	22.85	0	0	0	0	0	302.94
65.565	529772.8	183640.8	22.85	0	0	0	0	0	302.94
66.065	529773.1	183640.4	22.85	0	0	0	0	0	302.94
66.566	529773.4	183639.9	22.85	0	0	0	0	0	302.94
67.066	529773.7	183639.5	22.85	0	0	0	0	0	302.94

		67.567	529773.9	183639.1	22.85	0	0	0	0	0	302.94	
		68.067	529774.2	183638.7	22.85	0	0	0	0	0	302.94	
		68.568	529774.5	183638.3	22.85	0	0	0	0	0	302.94	
		69.068	529774.7	183637.8	22.85	0	0	0	0	0	302.94	
		69.569	529775	183637.4	22.85	0	0	0	0	0	302.94	
		70.069	529775.3	183637	22.85	0	0	0	0	0	302.94	
		70.57	529775.6	183636.6	22.85	0	0	0	0	0	302.94	
		71.07	529775.8	183636.2	22.85	0	0	0	0	0	302.94	
		71.571	529776.1	183635.7	22.85	0	0	0	0	0	302.94	
		72.071	529776.4	183635.3	22.85	0	0	0	0	0	302.94	
		72.572	529776.7	183634.9	22.85	0	0	0	0	0	302.94	
		73.072	529776.9	183634.5	22.85	0	0	0	0	0	302.94	
		73.573	529777.2	183634.1	22.85	0	0	0	0	0	302.94	
		74.073	529777.5	183633.6	22.85	0	0	0	0	0	302.94	
		74.574	529777.7	183633.2	22.85	0	0	0	0	0	302.94	
		75.074	529778	183632.8	22.85	0	0	0	0	0	302.94	
		75.575	529778.3	183632.4	22.85	0	0	0	0	0	302.94	
		76.075	529778.6	183632	22.85	0	0	0	0	0	302.94	
		76.576	529778.8	183631.5	22.85	0	0	0	0	0	302.94	
		77.076	529779.1	183631.1	22.85	0	0	0	0	0	302.94	
		77.577	529779.4	183630.7	22.85	0	0	0	0	0	302.94	
		78.077	529779.6	183630.3	22.85	0	0	0	0	0	302.94	
		78.578	529779.9	183629.9	22.85	0	0	0	0	0	302.94	
		79.078	529780.2	183629.4	22.85	0	0	0	0	0	302.94	
		79.578	529780.5	183629	22.85	0	0	0	0	0	302.94	
		80.079	529780.7	183628.6	22.85	0	0	0	0	0	302.94	
		80.579	529781	183628.2	22.85	0	0	0	0	0	302.94	
		81.08	529781.3	183627.8	22.85	0	0	0	0	0	302.94	
63	63	0	529781.3	183627.8	22.85	0	0	0	0	0	30.782	
		0.50257	529781.7	183628	22.85	0	0	0	0	0	30.782	
		1.0051	529782.1	183628.3	22.85	0	0	0	0	0	30.782	
		1.5077	529782.6	183628.5	22.85	0	0	0	0	0	30.782	
		2.0103	529783	183628.8	22.85	0	0	0	0	0	30.782	
		2.5128	529783.4	183629	22.85	0	0	0	0	0	30.782	
		3.0154	529783.9	183629.3	22.85	0	0	0	0	0	30.782	
		3.518	529784.3	183629.6	22.85	0	0	0	0	0	30.782	
		4.0205	529784.7	183629.8	22.85	0	0	0	0	0	30.782	
		4.5231	529785.2	183630.1	22.85	0	0	0	0	0	30.782	
		5.0257	529785.6	183630.3	22.85	0	0	0	0	0	30.782	
		5.5282	529786	183630.6	22.85	0	0	0	0	0	30.782	
		6.0308	529786.5	183630.8	22.85	0	0	0	0	0	30.782	
		6.5334	529786.9	183631.1	22.85	0	0	0	0	0	30.782	
		7.0359	529787.3	183631.4	22.85	0	0	0	0	0	30.782	
		7.5385	529787.8	183631.6	22.85	0	0	0	0	0	30.782	
		8.0411	529788.2	183631.9	22.85	0	0	0	0	0	30.782	
		8.5436	529788.6	183632.1	22.85	0	0	0	0	0	30.782	
		9.0462	529789	183632.4	22.85	0	0	0	0	0	30.782	
		9.5488	529789.5	183632.6	22.85	0	0	0	0	0	30.782	
		10.051	529789.9	183632.9	22.85	0	0	0	0	0	30.782	
		10.554	529790.3	183633.2	22.85	0	0	0	0	0	30.782	
		11.056	529790.8	183633.4	22.85	0	0	0	0	0	30.782	
		11.559	529791.2	183633.7	22.85	0	0	0	0	0	30.782	
		12.062	529791.6	183633.9	22.85	0	0	0	0	0	30.782	
		12.564	529792.1	183634.2	22.85	0	0	0	0	0	30.782	
		13.067	529792.5	183634.5	22.85	0	0	0	0	0	30.782	
		13.569	529792.9	183634.7	22.85	0	0	0	0	0	30.782	
		14.072	529793.4	183635	22.85	0	0	0	0	0	30.782	
		14.574	529793.8	183635.2	22.85	0	0	0	0	0	30.782	
		15.077	529794.2	183635.5	22.85	0	0	0	0	0	30.782	
		15.58	529794.7	183635.7	22.85	0	0	0	0	0	30.782	
		16.082	529795.1	183636	22.85	0	0	0	0	0	30.782	
		16.585	529795.5	183636.3	22.85	0	0	0	0	0	30.782	
		17.087	529796	183636.5	22.85	0	0	0	0	0	30.782	
		17.59	529796.4	183636.8	22.85	0	0	0	0	0	30.782	
		18.092	529796.8	183637	22.85	0	0	0	0	0	30.782	
		18.595	529797.3	183637.3	22.85	0	0	0	0	0	30.782	
		19.098	529797.7	183637.5	22.85	0	0	0	0	0	30.782	
		19.6	529798.1	183637.8	22.85	0	0	0	0	0	30.782	
		20.103	529798.5	183638.1	22.85	0	0	0	0	0	30.782	
		20.605	529799	183638.3	22.85	0	0	0	0	0	30.782	
		21.108	529799.4	183638.6	22.85	0	0	0	0	0	30.782	
		21.61	529799.8	183638.8	22.85	0	0	0	0	0	30.782	
		22.113	529800.3	183639.1	22.85	0	0	0	0	0	30.782	
		22.615	529800.7	183639.3	22.85	0	0	0	0	0	30.782	
		23.118	529801.1	183639.6	22.85	0	0	0	0	0	30.782	
		23.621	529801.6	183639.9	22.85	0	0	0	0	0	30.782	
		24.123	529802	183640.1	22.85	0	0	0	0	0	30.782	
		24.626	529802.4	183640.4	22.85	0	0	0	0	0	30.782	
		25.128	529802.9	183640.6	22.85	0	0	0	0	0	30.782	
		25.631	529803.3	183640.9	22.85	0	0	0	0	0	30.782	
		26.133	529803.7	183641.1	22.85	0	0	0	0	0	30.782	
		26.636	529804.2	183641.4	22.85	0	0	0	0	0	30.782	
		27.139	529804.6	183641.7	22.85	0	0	0	0	0	30.782	
		27.641	529805	183641.9	22.85	0	0	0	0	0	30.782	
		28.144	529805.5	183642.2	22.85	0	0	0	0	0	30.782	
		28.646	529805.9	183642.4	22.85	0	0	0	0	0	30.782	
		29.149	529806.3	183642.7	22.85	0	0	0	0	0	30.782	
		29.651	529806.8	183642.9	22.85	0	0	0	0	0	30.782	
64	64	0	529669.7	183755.5	18.5	0	0	0.35742	0	0	303.95	*
		0.49839	529670	183755.1	18.5	0	0	0.36104	0	0	303.95	*
		0.99678	529670.3	183754.6	18.5	0	0	0.3647	0	0	303.95	*
		1.4952	529670.6	183754.2	18.5	0	0	0.3684	0	0	303.95	*
		1.9936	529670.9	183753.8	18.5	0	0	0.37215	0	0	303.95	*
		2.492	529671.1	183753.4	18.5	0	0	0.37593	0	0	303.95	*
		2.9904	529671.4	183753	18.5	0	0	0.37975	0	0	303.95	*
		3.4887	529671.7	183752.6	18.5	0	0	0.38362	0	0	303.95	*
		3.9871	529672	183752.2	18.5	0	0	0.38752	0	0	303.95	*
		4.4855	529672.3	183751.7	18.5	0	0	0.39147	0	0	303.95	*
		4.9839	529672.5	183751.3	18.5	0	0	0.39546	0	0	303.95	*
		5.4823	529672.8	183750.9	18.5	0	0	0.39949	0	0	303.95	*
		5.9807	529673.1	183750.5	18.5	0	0	0.40356	0	0	303.95	*
		6.4791	529673.4	183750.1	18.5	0	0	0.40768	0	0	303.95	*
		6.9775	529673.6	183749.7	18.5	0	0	0.41184	0	0	303.95	*
		7.4759	529673.9	183749.3	18.5	0	0	0.41604	0	0	303.95	*
		7.9743	529674.2	183748.9	18.5	0	0	0.42029	0	0	303.95	*
		8.4727	529674.5	183748.4	18.5	0	0	0.42457	0	0	303.95	*
		8.9711	529674.8	183748	18.5	0	0	0.42891	0	0	303.95	*
		9.4695	529675	183747.6	18.5	0	0	0.43328	0	0	303.95	*
		9.9678	529675.3	183747.2	18.5	0	0	0.4377	0	0	303.95	*
		10.466	529675.6	183746.8	18.5	0	0	0.44217	0	0	303.95	*
		10.965	529675.9	183746.4	18.5	0	0	0.44668	0	0	303.95	*
		11.463	529676.2	183746	18.5	0	0	0.45123	0	0	303.95	*
		11.961	529676.4	183745.5	18.5	0	0	0.45583	0	0	303.95	*
		12.46	529676.7	183745.1	18.5	0	0	0.46047	0	0	303.95	*
		12.958	529677	183744.7	18.5	0	0	0.46515	0	0	303.95	*
		13.457	529677.3	183744.3	18.5	0	0	0.46988	0	0	303.95	*
		13.955	529677.5	183743.9	18.5	0	0	0.47466	0	0	303.95	*
		14.453	529677.8	183743.5	18.5	0	0	0.47948	0	0	303.95	*
		14.952	529678.1	183743.1	18.5	0	0	0.48434	0	0	303.95	*
		15.45	529678.4	183742.7	18.5	0	0	0.48925	0	0	303.95	*
		15.949	529678.7	183742.2	18.5	0	0	0.4942	0	0	303.95	*
		16.447	529678.9	183741.8	18.5	0	0	0.49919	0	0	303.95	*

		16.945	529679.2	183741.4	18.5	0	0	0.50423	0	0	303.95	*
		17.444	529679.5	183741	18.5	0	0	0.50932	0	0	303.95	*
		17.942	529679.8	183740.6	18.5	0	0	0.51444	0	0	303.95	*
		18.441	529680	183740.2	18.5	0	0	0.51961	0	0	303.95	*
		18.939	529680.3	183739.8	18.5	0	0	0.52482	0	0	303.95	*
		19.437	529680.6	183739.3	18.5	0	0	0.53008	0	0	303.95	*
		19.936	529680.9	183738.9	18.5	0	0	0.53537	0	0	303.95	*
		20.434	529681.2	183738.5	18.5	0	0	0.54071	0	0	303.95	*
		20.932	529681.4	183738.1	18.5	0	0	0.54609	0	0	303.95	*
		21.431	529681.7	183737.7	18.5	0	0	0.55151	0	0	303.95	*
		21.929	529682	183737.3	18.5	0	0	0.55697	0	0	303.95	*
		22.428	529682.3	183736.9	18.5	0	0	0.56247	0	0	303.95	*
		22.926	529682.6	183736.5	18.5	0	0	0.56801	0	0	303.95	*
		23.424	529682.8	183736	18.5	0	0	0.57359	0	0	303.95	*
		23.923	529683.1	183735.6	18.5	0	0	0.5792	0	0	303.95	*
		24.421	529683.4	183735.2	18.5	0	0	0.58486	0	0	303.95	*
		24.92	529683.7	183734.8	18.5	0	0	0.59054	0	0	303.95	*
		25.418	529683.9	183734.4	18.5	0	0	0.59627	0	0	303.95	*
		25.916	529684.2	183734	18.5	0	0	0.60203	0	0	303.95	*
		26.415	529684.5	183733.6	18.5	0	0	0.60782	0	0	303.95	*
		26.913	529684.8	183733.1	18.5	0	0	0.61365	0	0	303.95	*
		27.412	529685.1	183732.7	18.5	0	0	0.6195	0	0	303.95	*
		27.91	529685.3	183732.3	18.5	0	0	0.62539	0	0	303.95	*
		28.408	529685.6	183731.9	18.5	0	0	0.63131	0	0	303.95	*
		28.907	529685.9	183731.5	18.5	0	0	0.63725	0	0	303.95	*
		29.405	529686.2	183731.1	18.5	0	0	0.64322	0	0	303.95	*
		29.904	529686.5	183730.7	18.5	0	0	0.64922	0	0	303.95	*
		30.402	529686.7	183730.2	18.5	0	0	0.65525	0	0	303.95	*
		30.9	529687	183729.8	18.5	0	0	0.66129	0	0	303.95	*
		31.399	529687.3	183729.4	18.5	0	0	0.66736	0	0	303.95	*
		31.897	529687.6	183729	18.5	0	0	0.67345	0	0	303.95	*
		32.395	529687.8	183728.6	18.5	0	0	0.67956	0	0	303.95	*
		32.894	529688.1	183728.2	18.5	0	0	0.68568	0	0	303.95	*
		33.392	529688.4	183727.8	18.5	0	0	0.69183	0	0	303.95	*
		33.891	529688.7	183727.4	18.5	0	0	0.69798	0	0	303.95	*
		34.389	529689	183726.9	18.5	0	0	0.70415	0	0	303.95	*
		34.887	529689.2	183726.5	18.5	0	0	0.71033	0	0	303.95	*
		35.386	529689.5	183726.1	18.5	0	0	0.71652	0	0	303.95	*
		35.884	529689.8	183725.7	18.5	0	0	0.72271	0	0	303.95	*
		36.383	529690.1	183725.3	18.5	0	0	0.72891	0	0	303.95	*
		36.881	529690.3	183724.9	18.5	0	0	0.73512	0	0	303.95	*
		37.379	529690.6	183724.5	18.5	0	0	1.4826	0	0	303.95	*
65	65	0	529690.6	183724.5	18.5	0	0	1.4826	0	0	213.56	*
		0.4987	529690.2	183724.2	18.5	0	0	0.75038	0	0	213.56	*
		0.99741	529689.8	183723.9	18.5	0	0	0.75953	0	0	213.56	*
		1.4961	529689.4	183723.6	18.5	0	0	0.76876	0	0	213.56	*
		1.9948	529689	183723.4	18.5	0	0	0.80581	0	0	213.56	*
		2.4935	529688.5	183723.1	18.5	0	0	0.88758	0	0	213.56	*
		2.9922	529688.1	183722.8	18.5	0	0	0.96943	0	0	213.56	*
		3.4909	529687.7	183722.5	18.5	0	0	1.0513	0	0	213.56	*
		3.9896	529687.3	183722.3	18.5	0	0	1.1333	0	0	213.56	*
		4.4883	529686.9	183722	18.5	0	0	1.2154	0	0	213.56	*
		4.987	529686.5	183721.7	18.5	0	0	1.2974	0	0	213.56	*
		5.4857	529686.1	183721.4	18.5	0	0	1.3795	0	0	213.56	*
		5.9844	529685.6	183721.2	18.5	0	0	1.4617	0	0	213.56	*
		6.4831	529685.2	183720.9	18.5	0	0	1.5438	0	0	213.56	*
		6.9818	529684.8	183720.6	18.5	0	0	1.626	0	0	213.56	*
		7.4805	529684.4	183720.3	18.5	0	0	1.7082	0	0	213.56	*
		7.9792	529684	183720.1	18.5	0	0	1.7904	0	0	213.56	*
		8.478	529683.6	183719.8	18.5	0	0	1.8726	0	0	213.56	*
		8.9767	529683.1	183719.5	18.5	-0.01959	-0.07252	1.9547	0.056412	0.049599	213.56	*
		9.4754	529682.7	183719.2	18.5	-0.07393	-0.28695	2.0367	0.22023	0.19826	213.56	*
		9.9741	529682.3	183718.9	18.5	-0.1233	-0.50331	2.1188	0.38096	0.35127	213.56	*
		10.473	529681.9	183718.7	18.5	-0.16757	-0.7216	2.2007	0.53851	0.50872	213.56	*
		10.971	529681.5	183718.4	18.5	-0.20661	-0.94185	2.2825	0.69279	0.67068	213.56	*
		11.47	529681.1	183718.1	18.5	-0.24027	-1.1641	2.3642	0.84367	0.83725	213.56	*
		11.969	529680.7	183717.8	18.5	-0.26844	-1.3883	2.4458	0.99106	1.0085	213.56	*
		12.468	529680.2	183717.6	18.5	-0.29096	-1.6144	2.5272	1.1349	1.1845	213.56	*
		12.966	529679.8	183717.3	18.5	-0.30772	-1.8426	2.6085	1.2749	1.3654	213.56	*
		13.465	529679.4	183717	18.5	-0.32675	-2.1259	2.6895	1.4474	1.591	213.56	*
		13.964	529679	183716.7	18.5	-0.34251	-2.4409	2.7703	1.6347	1.8448	213.56	*
		14.462	529678.6	183716.5	18.5	-0.34992	-2.7583	2.8509	1.8163	2.1052	213.56	*
		14.961	529678.2	183716.2	18.5	-0.34883	-3.0779	2.9311	1.992	2.3721	213.56	*
		15.46	529677.7	183715.9	18.5	-0.33911	-3.3998	3.0111	2.1618	2.6457	213.56	*
		15.958	529677.3	183715.6	18.5	-0.3206	-3.7239	3.0907	2.3256	2.926	213.56	*
		16.457	529676.9	183715.4	18.5	-0.2932	-4.0501	3.1699	2.4831	3.2131	213.56	*
		16.956	529676.5	183715.1	18.5	-0.25676	-4.3785	3.2486	2.6342	3.5069	213.56	*
		17.455	529676.1	183714.8	18.5	-0.21121	-4.7089	3.3269	2.7789	3.8074	213.56	*
		17.953	529675.7	183714.5	18.5	-0.15643	-5.0413	3.4047	2.9169	4.1146	213.56	*
		18.452	529675.2	183714.3	18.5	-0.09236	-5.3754	3.4819	3.0482	4.4285	213.56	*
		18.951	529674.8	183714	18.5	-0.01894	-5.711	3.5584	3.1726	4.7488	213.56	*
		19.449	529674.4	183713.7	18.5	0.063851	-6.0481	3.6344	3.2899	5.0754	213.56	*
		19.948	529674	183713.4	18.5	0.15602	-6.3863	3.7095	3.4	5.4082	213.56	*
		20.447	529673.6	183713.2	18.5	0.25754	-6.7254	3.7839	3.5029	5.7469	213.56	*
		20.946	529673.2	183712.9	18.5	0.36541	-8.8987	4.5793	4.6143	7.6176	213.56	*
		21.444	529672.8	183712.6	18.5	0.45049	-8.0937	4.2395	4.0984	6.9938	213.56	*
		21.943	529672.3	183712.3	18.5	0.61252	-8.2772	4.2872	4.0648	7.2363	213.56	*
		22.442	529671.9	183712.1	18.5	0.78674	-8.4435	4.332	4.0116	7.4712	213.56	*
		22.94	529671.5	183711.8	18.5	0.97291	-8.5924	4.3737	3.9387	7.6982	213.56	*
		23.439	529671.1	183711.5	18.5	1.1707	-8.7238	4.4124	3.8465	7.917	213.56	*
		23.938	529670.7	183711.2	18.5	1.3798	-8.8374	4.448	3.7351	8.1273	213.56	*
		24.436	529670.3	183711	18.5	1.5996	-8.9332	4.4805	3.6048	8.3286	213.56	*
		24.935	529669.8	183710.7	18.5	1.8298	-9.0112	4.5097	3.4561	8.5208	213.56	*
		25.434	529669.4	183710.4	18.5	2.0696	-9.0712	4.5358	3.2895	8.7034	213.56	*
		25.933	529669	183710.1	18.5	2.3184	-9.1135	4.5586	3.1055	8.8762	213.56	*
		26.431	529668.6	183709.9	18.5	2.5754	-9.138	4.5782	2.9049	9.0387	213.56	*
		26.93	529668.2	183709.6	18.5	2.8398	-9.145	4.5946	2.6885	9.1907	213.56	*
		27.429	529667.8	183709.3	18.5	3.1312	-9.1985	4.631	2.4751	9.3964	213.56	*
		27.927	529667.4	183709	18.5	3.4473	-9.2942	4.6855	2.2646	9.6507	213.56	*
		28.426	529666.9	183708.7	18.5	3.769	-9.3773	4.7378	2.0425	9.8979	213.56	*
		28.925	529666.5	183708.5	18.5	4.095	-9.4479	4.788	1.8098	10.137	213.56	*
		29.423	529666.1	183708.2	18.5	4.4239	-9.5057	4.8359	1.5677	10.367	213.56	*
		29.922	529665.7	183707.9	18.5	4.7542	-9.5508	4.8814	1.3174	10.587	213.56	*
		30.421	529665.3	183707.6	18.5	5.0843	-9.583	4.9243	1.0601	10.796	213.56	*
		30.92	529664.9	183707.4	18.5	5.4126	-9.6024	4.9646	0.79718	10.994	213.56	*
		31.418	529664.4	183707.1	18.5	5.7376	-9.609	5.0022	0.53004	11.179	213.56	*
		31.917	529664	183706.8	18.5	6.0574	-9.6028	5.037	0.26007	11.351	213.56	*
		32.416	529663.6	183706.5	18.5	7.1879	-10.824	5.5534	-0.00692	12.993	213.56	*
		32.914	529663.2	183706.3	18.5	7.1877	-10.824	5.5595	-0.00692	12.993	213.56	*
		33.413	529662.8	183706	18.5	7.1875	-10.823	5.5656	-0.00692	12.993	213.56	*
		33.912	529662.4	183705.7	18.5	7.1873	-10.823	5.5716	-0.00692	12.992	213.56	*
		34.411	529662	183705.4	18.5	7.1871	-10.823	5.5776	-0.00692	12.992	213.56	*
		34.909	529661.5	183705.2	18.5	7.1869	-10.823	5.5837	-0.00692	12.992	213.56	*
		35.408	529661.1	183704.9	18.5	7.1867	-10.822	5.5897	-0.00692	12.991	213.56	*
		35.907	529660.7	183704.6	18.5	7.1865	-10.822	5.5958	-0.00692	12.991	213.56	*
		36.405	529660.3	183704.3	18.5	7.1864	-10.822	5.6019	-0.00692	12.991	213.56	*
		36.904	529659.9	183704.1	18.5	7.1862	-10.821	5.6081	-0.00692	12.99	213.56	*
		37.403	529659.5	183703.8	18.5	7.186	-10.821	5.6144	-0.00692	12.99	213.56	*
		37.901	529659	183703.5	18.5	7.1858	-10.821	5.6208	-0.00692	12.99	213.56	*
		38.4	529658.6	183703.2	18.5	7.1856	-10.821	5.6272	-0.00692	12.989	213.56	*
		38.899	529658.2	183703	18.5	7.1854	-10.82	5.6338	-0.00692	12.989	213.56	*
		39.398	529657.8	183702.7	18.5	7.1852	-10.82	5.6404	-0.00692	12.988	213.56	*

		39.896	529657.4	183702.4	18.5	7.185	-10.82	5.6472	-0.00692	12.988	213.56	*
		40.395	529657	183702.1	18.5	7.1848	-10.819	5.6542	-0.00692	12.988	213.56	*
		40.894	529656.5	183701.9	18.5	7.1847	-10.819	5.6613	-0.00692	12.987	213.56	*
		41.392	529656.1	183701.6	18.5	7.1845	-10.819	5.6685	-0.00692	12.987	213.56	*
		41.891	529655.7	183701.3	18.5	7.1843	-10.819	5.6759	-0.00692	12.987	213.56	*
		42.39	529655.3	183701	18.5	7.1841	-10.818	5.6835	-0.00692	12.986	213.56	*
		42.888	529654.9	183700.8	18.5	7.1839	-10.818	5.6912	-0.00692	12.986	213.56	*
		43.387	529654.5	183700.5	18.5	7.1837	-10.818	5.6992	-0.00692	12.986	213.56	*
		43.886	529654.1	183700.2	18.5	7.1835	-10.818	5.7073	-0.00692	12.985	213.56	*
		44.385	529653.6	183699.9	18.5	7.1833	-10.817	5.7155	-0.00692	12.985	213.56	*
		44.883	529653.2	183699.7	18.5	7.1831	-10.817	5.724	-0.00692	12.985	213.56	*
		45.382	529652.8	183699.4	18.5	7.183	-10.817	5.7326	-0.00692	12.984	213.56	*
		45.881	529652.4	183699.1	18.5	7.1828	-10.816	5.7413	-0.00692	12.984	213.56	*
		46.379	529652	183698.8	18.5	7.1826	-10.816	5.7502	-0.00692	12.984	213.56	*
		46.878	529651.6	183698.5	18.5	7.1824	-10.816	5.7593	-0.00692	12.983	213.56	*
		47.377	529651.1	183698.3	18.5	7.1822	-10.816	5.7684	-0.00692	12.983	213.56	*
		47.875	529650.7	183698	18.5	7.182	-10.815	5.7776	-0.00692	12.983	213.56	*
		48.374	529650.3	183697.7	18.5	7.1818	-10.815	5.7868	-0.00692	12.982	213.56	*
		48.873	529649.9	183697.4	18.5	7.1816	-10.815	5.796	-0.00692	12.982	213.56	*
		49.372	529649.5	183697.2	18.5	7.1814	-10.814	5.8052	-0.00692	12.982	213.56	*
		49.87	529649.1	183696.9	18.5	7.1812	-10.814	5.8143	-0.00692	12.981	213.56	*
		50.369	529648.7	183696.6	18.5	7.1811	-10.814	5.8233	-0.00692	12.981	213.56	*
		50.868	529648.2	183696.3	18.5	7.1809	-10.814	5.8321	-0.00692	12.981	213.56	*
		51.366	529647.8	183696.1	18.5	7.1807	-10.813	5.8407	-0.00692	12.98	213.56	*
		51.865	529647.4	183695.8	18.5	7.1805	-10.813	5.849	-0.00692	12.98	213.56	*
		52.364	529647	183695.5	18.5	7.1803	-10.813	5.8569	-0.00692	12.98	213.56	*
		52.863	529646.6	183695.2	18.5	7.1801	-10.812	5.8645	-0.00692	12.979	213.56	*
		53.361	529646.2	183695	18.5	7.1799	-10.812	5.8717	-0.00692	12.979	213.56	*
		53.86	529645.7	183694.7	18.5	7.1797	-10.812	5.8784	-0.00691	12.979	213.56	*
		54.359	529645.3	183694.4	18.5	7.1795	-10.812	5.8846	-0.00691	12.978	213.56	*
		54.857	529644.9	183694.1	18.5	7.1794	-10.811	5.8904	-0.00691	12.978	213.56	*
		55.356	529644.5	183693.9	18.5	7.1792	-10.811	5.8957	-0.00691	12.978	213.56	*
		55.855	529644.1	183693.6	18.5	7.179	-10.811	5.9005	-0.00691	12.977	213.56	*
		56.353	529643.7	183693.3	18.5	7.1788	-10.81	5.9049	-0.00691	12.977	213.56	*
		56.852	529643.2	183693	18.5	7.1786	-10.81	5.9089	-0.00691	12.977	213.56	*
		57.351	529642.8	183692.8	18.5	7.1784	-10.81	5.9126	-0.00691	12.976	213.56	*
		57.85	529642.4	183692.5	18.5	7.1782	-10.81	5.9159	-0.00691	12.976	213.56	*
		58.348	529642	183692.2	18.5	7.178	-10.809	5.9189	-0.00691	12.976	213.56	*
		58.847	529641.6	183691.9	18.5	7.1778	-10.809	5.9217	-0.00691	12.975	213.56	*
		59.346	529641.2	183691.7	18.5	7.1777	-10.809	5.9243	-0.00691	12.975	213.56	*
		59.844	529640.8	183691.4	18.5	7.1775	-10.808	5.9267	-0.00691	12.974	213.56	*
		60.343	529640.3	183691.1	18.5	7.1773	-10.808	5.929	-0.00691	12.974	213.56	*
		60.842	529639.9	183690.8	18.5	7.1771	-10.808	5.9312	-0.00691	12.974	213.56	*
		61.34	529639.5	183690.6	18.5	7.1769	-10.808	5.9333	-0.00691	12.973	213.56	*
		61.839	529639.1	183690.3	18.5	7.1767	-10.807	5.9354	-0.00691	12.973	213.56	*
		62.338	529638.7	183690	18.5	7.1765	-10.807	5.9373	-0.00691	12.973	213.56	*
		62.837	529638.3	183689.7	18.5	7.1763	-10.807	5.9391	-0.00691	12.972	213.56	*
		63.335	529637.8	183689.5	18.5	7.1761	-10.806	5.9409	-0.00691	12.972	213.56	*
		63.834	529637.4	183689.2	18.5	7.176	-10.806	5.9425	-0.00691	12.972	213.56	*
		64.333	529637	183688.9	18.5	7.1758	-10.806	5.944	-0.00691	12.971	213.56	*
		64.831	529636.6	183688.6	18.5	7.1756	-10.806	5.9453	-0.00691	12.971	213.56	*
		65.33	529636.2	183688.4	18.5	7.1754	-10.805	5.9464	-0.00691	12.971	213.56	*
		65.829	529635.8	183688.1	18.5	7.1752	-10.805	5.9473	-0.00691	12.97	213.56	*
		66.327	529635.4	183687.8	18.5	7.175	-10.805	5.9479	-0.00691	12.97	213.56	*
		66.826	529634.9	183687.5	18.5	7.1748	-10.804	5.9483	-0.00691	12.97	213.56	*
		67.325	529634.5	183687.2	18.5	7.1746	-10.804	5.9484	-0.00691	12.969	213.56	*
		67.824	529634.1	183687	18.5	7.1744	-10.804	5.9481	-0.00691	12.969	213.56	*
		68.322	529633.7	183686.7	18.5	7.1743	-10.804	5.9475	-0.00691	12.969	213.56	*
		68.821	529633.3	183686.4	18.5	7.1741	-10.803	5.9466	-0.00691	12.968	213.56	*
		69.32	529632.9	183686.1	18.5	7.1739	-10.803	5.9452	-0.00691	12.968	213.56	*
		69.818	529632.4	183685.9	18.5	7.1737	-10.803	5.9435	-0.00691	12.968	213.56	*
		70.317	529632	183685.6	18.5	7.1735	-10.802	5.9413	-0.00691	12.967	213.56	*
		70.816	529631.6	183685.3	18.5	7.1733	-10.802	5.9388	-0.00691	12.967	213.56	*
		71.315	529631.2	183685	18.5	7.1731	-10.802	5.9358	-0.00691	12.967	213.56	*
		71.813	529630.8	183684.8	18.5	7.1729	-10.802	5.9324	-0.00691	12.966	213.56	*
		72.312	529630.4	183684.5	18.5	7.1727	-10.801	5.9285	-0.00691	12.966	213.56	*
		72.811	529629.9	183684.2	18.5	7.1726	-10.801	5.9242	-0.00691	12.966	213.56	*
		73.309	529629.5	183683.9	18.5	7.1724	-10.801	5.9195	-0.00691	12.965	213.56	*
		73.808	529629.1	183683.7	18.5	7.1722	-10.8	5.9144	-0.00691	12.965	213.56	*
		74.307	529628.7	183683.4	18.5	7.172	-10.8	5.9088	-0.00691	12.965	213.56	*
		74.805	529628.3	183683.1	18.5	7.1718	-10.8	5.9029	-0.00691	12.964	213.56	*
		75.304	529627.9	183682.8	18.5	7.1716	-10.8	5.8966	-0.00691	12.964	213.56	*
		75.803	529627.5	183682.6	18.5	7.1714	-10.799	5.8898	-0.00691	12.964	213.56	*
		76.302	529627	183682.3	18.5	7.1712	-10.799	5.8828	-0.00691	12.963	213.56	*
		76.8	529626.6	183682	18.5	7.171	-10.799	5.8754	-0.00691	12.963	213.56	*
		77.299	529626.2	183681.7	18.5	7.1709	-10.798	5.8677	-0.00691	12.963	213.56	*
		77.798	529625.8	183681.5	18.5	7.1707	-10.798	5.8597	-0.00691	12.962	213.56	*
		78.296	529625.4	183681.2	18.5	7.1705	-10.798	5.8514	-0.00691	12.962	213.56	*
		78.795	529625	183680.9	18.5	7.1703	-10.798	5.843	-0.00691	12.962	213.56	*
		79.294	529624.5	183680.6	18.5	7.1701	-10.797	7.4405	-0.00691	12.961	213.56	*
66	66	0	529603.9	183712	18.5	0	0	0.66515	0	0	303.39	*
		0.50123	529604.1	183711.6	18.5	0	0	0.67487	0	0	303.39	*
		1.0025	529604.4	183711.2	18.5	0	0	0.68476	0	0	303.39	*
		1.5037	529604.7	183710.8	18.5	0	0	0.69482	0	0	303.39	*
		2.0049	529605	183710.3	18.5	0	0	0.70505	0	0	303.39	*
		2.5062	529605.2	183709.9	18.5	0	0	0.71545	0	0	303.39	*
		3.0074	529605.5	183709.5	18.5	0	0	0.72603	0	0	303.39	*
		3.5086	529605.8	183709.1	18.5	0	0	0.7368	0	0	303.39	*
		4.0098	529606.1	183708.7	18.5	0	0	0.74774	0	0	303.39	*
		4.5111	529606.3	183708.3	18.5	0	0	0.75887	0	0	303.39	*
		5.0123	529606.6	183707.8	18.5	0	0	0.77019	0	0	303.39	*
		5.5135	529606.9	183707.4	18.5	0	0	0.78169	0	0	303.39	*
		6.0148	529607.2	183707	18.5	0	0	0.79339	0	0	303.39	*
		6.516	529607.4	183706.6	18.5	0	0	0.80528	0	0	303.39	*
		7.0172	529607.7	183706.2	18.5	0	0	0.81736	0	0	303.39	*
		7.5185	529608	183705.7	18.5	0	0	0.82965	0	0	303.39	*
		8.0197	529608.3	183705.3	18.5	0	0	0.84213	0	0	303.39	*
		8.5209	529608.5	183704.9	18.5	0	0	0.85481	0	0	303.39	*
		9.0221	529608.8	183704.5	18.5	0	0	0.8677	0	0	303.39	*
		9.5234	529609.1	183704.1	18.5	0	0	0.88079	0	0	303.39	*
		10.025	529609.4	183703.7	18.5	0	0	0.89408	0	0	303.39	*
		10.526	529609.7	183703.2	18.5	0	0	0.90758	0	0	303.39	*
		11.027	529609.9	183702.8	18.5	0	0	0.92128	0	0	303.39	*
		11.528	529610.2	183702.4	18.5	0	0	0.93519	0	0	303.39	*
		12.03	529610.5	183702	18.5	0	0	0.94931	0	0	303.39	*
		12.531	529610.8	183701.6	18.5	0	0	0.96363	0	0	303.39	*
		13.032	529611	183701.1	18.5	0	0	0.97816	0	0	303.39	*
		13.533	529611.3	183700.7	18.5	0	0	0.99289	0	0	303.39	*
		14.034	529611.6	183700.3	18.5	0	0	1.0078	0	0	303.39	*
		14.536	529611.9	183699.9	18.5	0	0	1.023	0	0	303.39	*
		15.037	529612.1	183699.5	18.5	0	0	1.0383	0	0	303.39	*
		15.538	529612.4	183699	18.5	0	0	1.0538	0	0	303.39	*
		16.039	529612.7	183698.6	18.5	0	0	1.0695	0	0	303.39	*
		16.541	529613	183698.2	18.5	0	0	1.0854	0	0	303.39	*
		17.042	529613.2	183697.8	18.5	0	0	1.1015	0	0	303.39	*
		17.543	529613.5	183697.4	18.5	0	0	1.1178	0	0	303.39	*
		18.044	529613.8	183697	18.5	0	0	1.1342	0	0	303.39	*
		18.546	529614.1	183696.5	18.5	0	0	1.1508	0	0	303.39	*
		19.047	529614.3	183696.1	18.5	0	0	1.1675	0	0	303.39	*
		19.548	529614.6	183695.7	18.5	0	0	1.1844	0	0	303.39	*
		20.049	529614.9	183695.3	18.5	0	0	1.2014	0	0	303.39	*
		20.55	529615.2	183694.9	18.5	0	0	1.2185	0	0	303.39	*

21.052	529615.4	183694.4	18.5	0	0	1.3287	0	0	303.39	*
21.553	529615.7	183694	18.5	0	0	1.4713	0	0	303.39	*
22.054	529616	183693.6	18.5	0	0	1.614	0	0	303.39	*
22.555	529616.3	183693.2	18.5	0	0	1.7567	0	0	303.39	*
23.057	529616.5	183692.8	18.5	0	0	1.8995	0	0	303.39	*
23.558	529616.8	183692.4	18.5	0	0	2.0422	0	0	303.39	*
24.059	529617.1	183691.9	18.5	0	0	2.185	0	0	303.39	*
24.56	529617.4	183691.5	18.5	0	0	2.3277	0	0	303.39	*
25.062	529617.7	183691.1	18.5	0	0	2.4703	0	0	303.39	*
25.563	529617.9	183690.7	18.5	0	0	2.6128	0	0	303.39	*
26.064	529618.2	183690.3	18.5	0	0	2.7551	0	0	303.39	*
26.565	529618.5	183689.8	18.5	0.092233	-0.13889	2.8972	0.16673	5.85E-04	303.39	*
27.066	529618.8	183689.4	18.5	0.34178	-0.51468	3.0391	0.61783	0.002168	303.39	*
27.568	529619	183689	18.5	0.59133	-0.89048	3.1807	1.0689	0.00375	303.39	*
28.069	529619.3	183688.6	18.5	0.84088	-1.2663	3.322	1.52	0.005333	303.39	*
28.57	529619.6	183688.2	18.5	1.0904	-1.6421	3.4629	1.9711	0.006916	303.39	*
29.071	529619.9	183687.7	18.5	1.34	-2.0179	3.6033	2.4222	0.008498	303.39	*
29.573	529620.1	183687.3	18.5	1.5895	-2.3936	3.7432	2.8733	0.010081	303.39	*
30.074	529620.4	183686.9	18.5	1.9318	-2.9091	3.8825	3.4921	0.012252	303.39	*
30.575	529620.7	183686.5	18.5	2.2788	-3.4316	4.0211	4.1193	0.014452	303.39	*
31.076	529621	183686.1	18.5	2.6255	-3.9537	4.159	4.746	0.016651	303.39	*
31.578	529621.2	183685.7	18.5	2.972	-4.4755	4.2961	5.3724	0.018849	303.39	*
32.079	529621.5	183685.2	18.5	3.3186	-4.9974	4.4322	5.9989	0.021046	303.39	*
32.58	529621.8	183684.8	18.5	3.6653	-5.5194	4.5673	6.6255	0.023245	303.39	*
33.081	529622.1	183684.4	18.5	4.0122	-6.0419	4.7012	7.2527	0.025445	303.39	*
33.582	529622.3	183684	18.5	4.3596	-6.565	4.8339	7.8806	0.027648	303.39	*
34.084	529622.6	183683.6	18.5	4.7075	-7.0889	4.9652	8.5096	0.029855	303.39	*
34.585	529622.9	183683.1	18.5	5.0561	-7.6139	5.0951	9.1397	0.032066	303.39	*
35.086	529623.2	183682.7	18.5	5.4056	-8.1401	5.2232	9.7714	0.034282	303.39	*
35.587	529623.4	183682.3	18.5	5.756	-8.6678	5.3496	10.405	0.036504	303.39	*
36.089	529623.7	183681.9	18.5	6.1075	-9.1971	5.4741	11.04	0.038733	303.39	*
36.59	529624	183681.5	18.5	6.4603	-9.7284	5.5965	11.678	0.040971	303.39	*
37.091	529624.3	183681.1	18.5	6.8144	-10.262	5.7166	12.318	0.043217	303.39	*
37.592	529624.5	183680.6	18.5	7.1701	-10.797	7.4405	12.961	0.045472	303.39	*

END_TABLE

Specific Building Damage Results - Horizontal Displacements

START_TABLE

Stage:	Ref. Stage:	Nam	Specific Bu	Specific Bu	Sub-buildi	Dist. [m]	x [m]	y [m]	z [m]	dx [mm]	dy [mm]	dH// [mm]	dHperp. [mm]
0	Base Mode	1	1	On piles		0	529588.8	183678.4	19.8	0	0	0	0
						0.49772	529588.8	183677.9	19.8	0	0	0	0
						0.99545	529588.8	183677.4	19.8	0	0	0	0
						1.4932	529588.8	183676.9	19.8	0	0	0	0
						1.9909	529588.8	183676.4	19.8	0	0	0	0
						2.4886	529588.8	183675.9	19.8	0	0	0	0
						2.9863	529588.8	183675.4	19.8	0	0	0	0
						3.4841	529588.7	183674.9	19.8	0	0	0	0
						3.9818	529588.7	183674.4	19.8	0	0	0	0
						4.4795	529588.7	183673.9	19.8	0	0	0	0
						4.9772	529588.7	183673.4	19.8	0	0	0	0
						5.475	529588.7	183672.9	19.8	0	0	0	0
						5.9727	529588.7	183672.4	19.8	0	0	0	0
						6.4704	529588.7	183671.9	19.8	0	0	0	0
						6.9681	529588.7	183671.4	19.8	0	0	0	0
						7.4659	529588.6	183670.9	19.8	0	0	0	0
						7.9636	529588.6	183670.4	19.8	0	0	0	0
						8.4613	529588.6	183669.9	19.8	0	0	0	0
						8.959	529588.6	183669.4	19.8	0	0	0	0
						9.4568	529588.6	183668.9	19.8	0	0	0	0
						9.9545	529588.6	183668.5	19.8	0	0	0	0
						10.452	529588.6	183668	19.8	0	0	0	0
						10.95	529588.6	183667.5	19.8	0.015953	-0.02402	0.023607	0.016563
						11.448	529588.5	183667	19.8	0.044084	-0.06638	0.065234	0.045769
						11.945	529588.5	183666.5	19.8	0.065699	-0.09893	0.097219	0.068211
						12.443	529588.5	183666	19.8	0.080827	-0.12172	0.1196	0.083917
						12.941	529588.5	183665.5	19.8	0.089509	-0.13479	0.13245	0.092932
						13.439	529588.5	183665	19.8	0.091803	-0.13824	0.13585	0.095314
						13.936	529588.5	183664.5	19.8	0.087781	-0.13219	0.1299	0.091138
						14.434	529588.5	183664	19.8	0.077531	-0.11675	0.11473	0.080496
						14.932	529588.5	183663.5	19.8	0.06116	-0.0921	0.090503	0.063499
						15.429	529588.4	183663	19.8	0.038792	-0.05842	0.057404	0.040276
						15.927	529588.4	183662.5	19.8	0.010571	-0.01592	0.015643	0.010975
						16.425	529588.4	183662	19.8	0	0	0	0
						16.923	529588.4	183661.5	19.8	0	0	0	0
						17.42	529588.4	183661	19.8	0	0	0	0
						17.918	529588.4	183660.5	19.8	0	0	0	0
						18.416	529588.4	183660	19.8	0	0	0	0
						18.914	529588.4	183659.5	19.8	0	0	0	0
						19.411	529588.3	183659	19.8	0	0	0	0
						19.909	529588.3	183658.5	19.8	0	0	0	0
						20.407	529588.3	183658	19.8	0	0	0	0
						20.904	529588.3	183657.5	19.8	0	0	0	0
						21.402	529588.3	183657	19.8	0	0	0	0
						21.9	529588.3	183656.5	19.8	0	0	0	0
						22.398	529588.3	183656	19.8	0	0	0	0
						22.895	529588.3	183655.5	19.8	0	0	0	0
						23.393	529588.2	183655	19.8	0	0	0	0
						23.891	529588.2	183654.5	19.8	0	0	0	0
						24.388	529588.2	183654	19.8	0	0	0	0
						24.886	529588.2	183653.5	19.8	0	0	0	0
						25.384	529588.2	183653	19.8	0	0	0	0
						25.882	529588.2	183652.5	19.8	0	0	0	0
						26.379	529588.2	183652	19.8	0	0	0	0
						26.877	529588.1	183651.5	19.8	0	0	0	0
						27.375	529588.1	183651	19.8	0	0	0	0
						27.873	529588.1	183650.5	19.8	0	0	0	0
						28.37	529588.1	183650	19.8	0	0	0	0
						28.868	529588.1	183649.5	19.8	0	0	0	0
						29.366	529588.1	183649	19.8	0	0	0	0
						29.863	529588.1	183648.5	19.8	0	0	0	0
						30.361	529588.1	183648.1	19.8	0	0	0	0
						30.859	529588	183647.6	19.8	0	0	0	0
						31.357	529588	183647.1	19.8	0	0	0	0
						31.854	529588	183646.6	19.8	0	0	0	0
						32.352	529588	183646.1	19.8	0	0	0	0
						32.85	529588	183645.6	19.8	0	0	0	0
						33.348	529588	183645.1	19.8	0	0	0	0
						33.845	529588	183644.6	19.8	0	0	0	0
						34.343	529588	183644.1	19.8	0	0	0	0
						34.841	529587.9	183643.6	19.8	0	0	0	0
						35.338	529587.9	183643.1	19.8	0	0	0	0
						35.836	529587.9	183642.6	19.8	0	0	0	0
						36.334	529587.9	183642.1	19.8	0	0	0	0
						36.832	529587.9	183641.6	19.8	0	0	0	0
						37.329	529587.9	183641.1	19.8	0	0	0	0
						37.827	529587.9	183640.6	19.8	0	0	0	0
						38.325	529587.9	183640.1	19.8	0	0	0	0
						38.822	529587.8	183639.6	19.8	0	0	0	0
						39.32	529587.8	183639.1	19.8	0	0	0	0

		39.818	529587.8	183638.6	19.8	0	0	0	0
		40.316	529587.8	183638.1	19.8	0	0	0	0
		40.813	529587.8	183637.6	19.8	0	0	0	0
		41.311	529587.8	183637.1	19.8	0	0	0	0
		41.809	529587.8	183636.6	19.8	0	0	0	0
		42.307	529587.8	183636.1	19.8	0	0	0	0
		42.804	529587.7	183635.6	19.8	0	0	0	0
		43.302	529587.7	183635.1	19.8	0	0	0	0
		43.8	529587.7	183634.6	19.8	0	0	0	0
		44.297	529587.7	183634.1	19.8	0	0	0	0
		44.795	529587.7	183633.6	19.8	0	0	0	0
		45.293	529587.7	183633.1	19.8	0	0	0	0
		45.791	529587.7	183632.6	19.8	0	0	0	0
		46.288	529587.7	183632.1	19.8	0	0	0	0
		46.786	529587.6	183631.6	19.8	0	0	0	0
		47.284	529587.6	183631.1	19.8	0	0	0	0
		47.782	529587.6	183630.6	19.8	0	0	0	0
		48.279	529587.6	183630.1	19.8	0	0	0	0
		48.777	529587.6	183629.6	19.8	0	0	0	0
		49.275	529587.6	183629.1	19.8	0	0	0	0
		49.772	529587.6	183628.6	19.8	0	0	0	0
		50.27	529587.6	183628.1	19.8	0	0	0	0
		50.768	529587.5	183627.7	19.8	0	0	0	0
		51.266	529587.5	183627.2	19.8	0	0	0	0
		51.763	529587.5	183626.7	19.8	0	0	0	0
		52.261	529587.5	183626.2	19.8	0	0	0	0
		52.759	529587.5	183625.7	19.8	0	0	0	0
		53.256	529587.5	183625.2	19.8	0	0	0	0
2	2 On piles	0	529584.2	183623.3	19.8	0	0	0	0
		0.49594	529584.7	183623.4	19.8	0	0	0	0
		0.99187	529585.2	183623.5	19.8	0	0	0	0
		1.4878	529585.7	183623.5	19.8	0	0	0	0
		1.9837	529586.2	183623.6	19.8	0	0	0	0
		2.4797	529586.7	183623.7	19.8	0	0	0	0
		2.9756	529587.2	183623.7	19.8	0	0	0	0
		3.4716	529587.7	183623.8	19.8	0	0	0	0
		3.9675	529588.1	183623.9	19.8	0	0	0	0
		4.4634	529588.6	183623.9	19.8	0	0	0	0
		4.9594	529589.1	183624	19.8	0	0	0	0
		5.4553	529589.6	183624.1	19.8	0	0	0	0
		5.9512	529590.1	183624.1	19.8	0	0	0	0
		6.4472	529590.6	183624.2	19.8	0	0	0	0
		6.9431	529591.1	183624.3	19.8	0	0	0	0
		7.439	529591.6	183624.3	19.8	0	0	0	0
		7.935	529592.1	183624.4	19.8	0	0	0	0
		8.4309	529592.6	183624.5	19.8	0	0	0	0
		8.9268	529593.1	183624.5	19.8	0	0	0	0
		9.4228	529593.5	183624.6	19.8	0	0	0	0
		9.9187	529594	183624.7	19.8	0	0	0	0
		10.415	529594.5	183624.8	19.8	0	0	0	0
		10.911	529595	183624.8	19.8	0	0	0	0
		11.407	529595.5	183624.9	19.8	0	0	0	0
		11.902	529596	183625	19.8	0	0	0	0
		12.398	529596.5	183625	19.8	0	0	0	0
		12.894	529597	183625.1	19.8	0	0	0	0
		13.39	529597.5	183625.2	19.8	0	0	0	0
3	3 Shallow	0	529587.2	183610.1	17.5	0	0	0	0 d
		0.49257	529587.6	183610.2	17.5	0	0	0	0 d
		0.98514	529588.1	183610.2	17.5	0	0	0	0 d
		1.4777	529588.6	183610.3	17.5	0	0	0	0 d
		1.9703	529589.1	183610.3	17.5	0	0	0	0 d
		2.4628	529589.6	183610.4	17.5	0	0	0	0 d
		2.9554	529590.1	183610.4	17.5	0	0	0	0 d
		3.448	529590.6	183610.5	17.5	0	0	0	0 d
		3.9406	529591.1	183610.5	17.5	0	0	0	0 d
		4.4331	529591.6	183610.6	17.5	0	0	0	0 d
		4.9257	529592.1	183610.6	17.5	0	0	0	0 d
		5.4183	529592.5	183610.7	17.5	0	0	0	0 d
		5.9108	529593	183610.7	17.5	0	0	0	0 d
		6.4034	529593.5	183610.8	17.5	0	0	0	0 d
		6.896	529594	183610.8	17.5	0	0	0	0 d
		7.3885	529594.5	183610.9	17.5	0	0	0	0 d
		7.8811	529595	183611	17.5	0	0	0	0 d
		8.3737	529595.5	183611	17.5	0	0	0	0 d
		8.8662	529596	183611.1	17.5	0	0	0	0 d
		9.3588	529596.5	183611.1	17.5	0	0	0	0 d
		9.8514	529597	183611.2	17.5	0	0	0	0 d
		10.344	529597.4	183611.2	17.5	0	0	0	0 d
		10.837	529597.9	183611.3	17.5	0	0	0	0 d
4	4 Shallow	0	529597.9	183611.3	17.5	0	0	0	0 d
		0.49929	529598	183610.8	17.5	0	0	0	0 d
		0.99858	529598.1	183610.3	17.5	0	0	0	0 d
		1.4979	529598.1	183609.8	17.5	0	0	0	0 d
		1.9972	529598.2	183609.3	17.5	0	0	0	0 d
		2.4964	529598.3	183608.8	17.5	0	0	0	0 d
		2.9957	529598.4	183608.3	17.5	0	0	0	0 d
		3.495	529598.4	183607.8	17.5	0	0	0	0 d
		3.9943	529598.5	183607.3	17.5	0	0	0	0 d
		4.4936	529598.6	183606.8	17.5	0	0	0	0 d
		4.9929	529598.6	183606.3	17.5	0	0	0	0 d
		5.4922	529598.7	183605.8	17.5	0	0	0	0 d
		5.9915	529598.8	183605.3	17.5	0	0	0	0 d
		6.4908	529598.9	183604.8	17.5	0	0	0	0 d
		6.99	529598.9	183604.3	17.5	0	0	0	0 d
		7.4893	529599	183603.9	17.5	0	0	0	0 d
		7.9886	529599.1	183603.4	17.5	0	0	0	0 d
		8.4879	529599.1	183602.9	17.5	0	0	0	0 d
		8.9872	529599.2	183602.4	17.5	0	0	0	0 d
		9.4865	529599.3	183601.9	17.5	0	0	0	0 d
		9.9858	529599.4	183601.4	17.5	0	0	0	0 d
		10.485	529599.4	183600.9	17.5	0	0	0	0 d
		10.984	529599.5	183600.4	17.5	0	0	0	0 d
		11.484	529599.6	183599.9	17.5	0	0	0	0 d
		11.983	529599.6	183599.4	17.5	0	0	0	0 d
		12.482	529599.7	183598.9	17.5	0	0	0	0 d
		12.982	529599.8	183598.4	17.5	0	0	0	0 d
5	5 Shallow	0	529583.3	183596.4	17.5	0	0	0	0 d
		0.50441	529583.8	183596.4	17.5	0	0	0	0 d
		1.0088	529584.3	183596.5	17.5	0	0	0	0 d
		1.5132	529584.8	183596.6	17.5	0	0	0	0 d
		2.0176	529585.3	183596.6	17.5	0	0	0	0 d
		2.522	529585.8	183596.7	17.5	0	0	0	0 d
		3.0265	529586.3	183596.7	17.5	0	0	0	0 d
		3.5309	529586.8	183596.8	17.5	0	0	0	0 d
		4.0353	529587.3	183596.9	17.5	0	0	0	0 d
		4.5397	529587.8	183596.9	17.5	0	0	0	0 d
		5.0441	529588.3	183597	17.5	0	0	0	0 d
		5.5485	529588.8	183597.1	17.5	0	0	0	0 d
		6.0529	529589.3	183597.1	17.5	0	0	0	0 d
		6.5573	529589.8	183597.2	17.5	0	0	0	0 d
		7.0617	529590.3	183597.2	17.5	0	0	0	0 d
		7.5661	529590.8	183597.3	17.5	0	0	0	0 d

		8.0705	529591.3	183597.4	17.5	0	0	0	0 d
		8.5749	529591.8	183597.4	17.5	0	0	0	0 d
		9.0794	529592.3	183597.5	17.5	0	0	0	0 d
		9.5838	529592.8	183597.6	17.5	0	0	0	0 d
		10.088	529593.3	183597.6	17.5	0	0	0	0 d
		10.593	529593.8	183597.7	17.5	0	0	0	0 d
		11.097	529594.3	183597.7	17.5	0	0	0	0 d
		11.601	529594.8	183597.8	17.5	0	0	0	0 d
		12.106	529595.3	183597.9	17.5	0	0	0	0 d
		12.61	529595.8	183597.9	17.5	0	0	0	0 d
		13.115	529596.3	183598	17.5	0	0	0	0 d
		13.619	529596.8	183598	17.5	0	0	0	0 d
		14.123	529597.3	183598.1	17.5	0	0	0	0 d
		14.628	529597.8	183598.2	17.5	0	0	0	0 d
		15.132	529598.3	183598.2	17.5	0	0	0	0 d
		15.637	529598.8	183598.3	17.5	0	0	0	0 d
		16.141	529599.3	183598.4	17.5	0	0	0	0 d
		16.645	529599.8	183598.4	17.5	0	0	0	0 d
6	6 Shallow	0	529591.9	183591.8	17.5	0	0	0	0 d
		0.49392	529592.4	183591.9	17.5	0	0	0	0 d
		0.98783	529592.9	183592	17.5	0	0	0	0 d
		1.4817	529593.4	183592.1	17.5	0	0	0	0 d
		1.9757	529593.9	183592.2	17.5	0	0	0	0 d
		2.4696	529594.4	183592.2	17.5	0	0	0	0 d
		2.9635	529594.9	183592.3	17.5	0	0	0	0 d
		3.4574	529595.4	183592.4	17.5	0	0	0	0 d
		3.9513	529595.8	183592.5	17.5	0	0	0	0 d
		4.4452	529596.3	183592.6	17.5	0	0	0	0 d
		4.9392	529596.8	183592.6	17.5	0	0	0	0 d
		5.4331	529597.3	183592.7	17.5	0	0	0	0 d
		5.927	529597.8	183592.8	17.5	0	0	0	0 d
		6.4209	529598.3	183592.9	17.5	0	0	0	0 d
		6.9148	529598.8	183593	17.5	0	0	0	0 d
		7.4087	529599.3	183593	17.5	0	0	0	0 d
		7.9026	529599.7	183593.1	17.5	0	0	0	0 d
		8.3966	529600.2	183593.2	17.5	0	0	0	0 d
		8.8905	529600.7	183593.3	17.5	0	0	0	0 d
		9.3844	529601.2	183593.4	17.5	0	0	0	0 d
7	7 Shallow	0	529601.2	183593.4	17.5	0	0	0	0 d
		0.50194	529601.3	183592.9	17.5	0	0	0	0 d
		1.0039	529601.3	183592.4	17.5	0	0	0	0 d
		1.5058	529601.4	183591.9	17.5	0	0	0	0 d
		2.0078	529601.5	183591.4	17.5	0	0	0	0 d
		2.5097	529601.5	183590.9	17.5	0	0	0	0 d
		3.0116	529601.6	183590.4	17.5	0	0	0	0 d
		3.5136	529601.7	183589.9	17.5	0	0	0	0 d
		4.0155	529601.7	183589.4	17.5	0	0	0	0 d
		4.5174	529601.8	183588.9	17.5	0	0	0	0 d
		5.0194	529601.8	183588.4	17.5	0	0	0	0 d
		5.5213	529601.9	183587.9	17.5	0	0	0	0 d
		6.0233	529602	183587.4	17.5	0	0	0	0 d
		6.5252	529602	183586.9	17.5	0	0	0	0 d
		7.0271	529602.1	183586.4	17.5	0	0	0	0 d
		7.5291	529602.2	183585.9	17.5	0	0	0	0 d
		8.031	529602.2	183585.4	17.5	0	0	0	0 d
		8.533	529602.3	183584.9	17.5	0	0	0	0 d
		9.0349	529602.4	183584.4	17.5	0	0	0	0 d
		9.5368	529602.4	183583.9	17.5	0	0	0	0 d
		10.039	529602.5	183583.4	17.5	0	0	0	0 d
		10.541	529602.6	183582.9	17.5	0	0	0	0 d
		11.043	529602.6	183582.4	17.5	0	0	0	0 d
		11.545	529602.7	183581.9	17.5	0	0	0	0 d
		12.047	529602.7	183581.4	17.5	0	0	0	0 d
		12.548	529602.8	183580.9	17.5	0	0	0	0 d
		13.05	529602.9	183580.4	17.5	0	0	0	0 d
		13.552	529602.9	183579.9	17.5	0	0	0	0 d
		14.054	529603	183579.4	17.5	0	0	0	0 d
		14.556	529603.1	183578.9	17.5	0	0	0	0 d
		15.058	529603.1	183578.4	17.5	0	0	0	0 d
		15.56	529603.2	183577.9	17.5	0	0	0	0 d
		16.062	529603.3	183577.4	17.5	0	0	0	0 d
		16.564	529603.3	183576.9	17.5	0	0	0	0 d
		17.066	529603.4	183576.4	17.5	0	0	0	0 d
		17.568	529603.5	183575.9	17.5	0	0	0	0 d
		18.07	529603.5	183575.4	17.5	0	0	0	0 d
8	8 Shallow	0	529593.5	183573.3	17.5	0	0	0	0 d
		0.51247	529594	183573.4	17.5	0	0	0	0 d
		1.0249	529594.5	183573.5	17.5	0	0	0	0 d
		1.5374	529595	183573.6	17.5	0	0	0	0 d
		2.0499	529595.5	183573.8	17.5	0	0	0	0 d
		2.5624	529596	183573.9	17.5	0	0	0	0 d
		3.0748	529596.5	183574	17.5	0	0	0	0 d
		3.5873	529597	183574.1	17.5	0	0	0	0 d
		4.0998	529597.5	183574.2	17.5	0	0	0	0 d
		4.6122	529598	183574.3	17.5	0	0	0	0 d
		5.1247	529598.5	183574.4	17.5	0	0	0	0 d
		5.6372	529599	183574.5	17.5	0	0	0	0 d
		6.1497	529599.5	183574.6	17.5	0	0	0	0 d
		6.6621	529600	183574.7	17.5	0	0	0	0 d
		7.1746	529600.5	183574.8	17.5	0	0	0	0 d
		7.6871	529601	183574.9	17.5	0	0	0	0 d
		8.1995	529601.5	183575	17.5	0	0	0	0 d
		8.712	529602	183575.1	17.5	0	0	0	0 d
		9.2245	529602.5	183575.2	17.5	0	0	0	0 d
		9.737	529603	183575.3	17.5	0	0	0	0 d
		10.249	529603.5	183575.4	17.5	0	0	0	0 d
9	9 Shallow	0	529570.9	183569.9	17.3	0	0	0	0 d
		0.50028	529571.4	183569.9	17.3	0	0	0	0 d
		1.0006	529571.9	183569.9	17.3	0	0	0	0 d
		1.5009	529572.4	183570	17.3	0	0	0	0 d
		2.0011	529572.9	183570	17.3	0	0	0	0 d
		2.5014	529573.4	183570	17.3	0	0	0	0 d
		3.0017	529573.9	183570.1	17.3	0	0	0	0 d
		3.502	529574.4	183570.1	17.3	0	0	0	0 d
		4.0023	529574.9	183570.2	17.3	0	0	0	0 d
		4.5026	529575.4	183570.2	17.3	0	0	0	0 d
		5.0028	529575.9	183570.2	17.3	0	0	0	0 d
		5.5031	529576.4	183570.3	17.3	0	0	0	0 d
		6.0034	529576.9	183570.3	17.3	0	0	0	0 d
		6.5037	529577.4	183570.3	17.3	0	0	0	0 d
		7.004	529577.9	183570.4	17.3	0	0	0	0 d
		7.5043	529578.4	183570.4	17.3	0	0	0	0 d
		8.0045	529578.9	183570.4	17.3	0	0	0	0 d
		8.5048	529579.4	183570.5	17.3	0	0	0	0 d
		9.0051	529579.9	183570.5	17.3	0	0	0	0 d
		9.5054	529580.4	183570.6	17.3	0	0	0	0 d
		10.006	529580.9	183570.6	17.3	0	0	0	0 d
		10.506	529581.4	183570.6	17.3	0	0	0	0 d
		11.006	529581.9	183570.7	17.3	0	0	0	0 d
		11.507	529582.4	183570.7	17.3	0	0	0	0 d
		12.007	529582.9	183570.7	17.3	0	0	0	0 d
		12.507	529583.4	183570.8	17.3	0	0	0	0 d

		13.007	529583.9	183570.8	17.3	0	0	0	0 d
		13.508	529584.4	183570.9	17.3	0	0	0	0 d
		14.008	529584.9	183570.9	17.3	0	0	0	0 d
		14.508	529585.4	183570.9	17.3	0	0	0	0 d
		15.009	529585.9	183571	17.3	0	0	0	0 d
		15.509	529586.4	183571	17.3	0	0	0	0 d
		16.009	529586.9	183571	17.3	0	0	0	0 d
		16.509	529587.4	183571.1	17.3	0	0	0	0 d
		17.01	529587.9	183571.1	17.3	0	0	0	0 d
		17.51	529588.4	183571.1	17.3	0	0	0	0 d
		18.01	529588.9	183571.2	17.3	0	0	0	0 d
		18.511	529589.4	183571.2	17.3	0	0	0	0 d
		19.011	529589.9	183571.3	17.3	0	0	0	0 d
		19.511	529590.4	183571.3	17.3	0	0	0	0 d
		20.011	529590.9	183571.3	17.3	0	0	0	0 d
		20.512	529591.4	183571.4	17.3	0	0	0	0 d
		21.012	529591.9	183571.4	17.3	0	0	0	0 d
		21.512	529592.4	183571.4	17.3	0	0	0	0 d
		22.013	529592.9	183571.5	17.3	0	0	0	0 d
		22.513	529593.4	183571.5	17.3	0	0	0	0 d
		23.013	529593.9	183571.5	17.3	0	0	0	0 d
		23.513	529594.4	183571.6	17.3	0	0	0	0 d
		24.014	529594.9	183571.6	17.3	0	0	0	0 d
		24.514	529595.4	183571.7	17.3	0	0	0	0 d
		25.014	529595.9	183571.7	17.3	0	0	0	0 d
		25.515	529596.4	183571.7	17.3	0	0	0	0 d
		26.015	529596.9	183571.8	17.3	0	0	0	0 d
		26.515	529597.4	183571.8	17.3	0	0	0	0 d
		27.015	529597.9	183571.8	17.3	0	0	0	0 d
		27.516	529598.4	183571.9	17.3	0	0	0	0 d
		28.016	529598.9	183571.9	17.3	0	0	0	0 d
		28.516	529599.4	183572	17.3	0	0	0	0 d
		29.016	529599.9	183572	17.3	0	0	0	0 d
		29.517	529600.4	183572	17.3	0	0	0	0 d
		30.017	529600.9	183572.1	17.3	0	0	0	0 d
		30.517	529601.4	183572.1	17.3	0	0	0	0 d
		31.018	529601.9	183572.1	17.3	0	0	0	0 d
		31.518	529602.4	183572.2	17.3	0	0	0	0 d
10	10 Shallow	0	529602.4	183572.2	17.3	0	0	0	0 d
		0.50275	529602.4	183571.7	17.3	0	0	0	0 d
		1.0055	529602.4	183571.2	17.3	0	0	0	0 d
		1.5082	529602.5	183570.7	17.3	0	0	0	0 d
		2.011	529602.5	183570.2	17.3	0	0	0	0 d
		2.5137	529602.5	183569.7	17.3	0	0	0	0 d
		3.0165	529602.6	183569.2	17.3	0	0	0	0 d
		3.5192	529602.6	183568.7	17.3	0	0	0	0 d
		4.022	529602.6	183568.2	17.3	0	0	0	0 d
		4.5247	529602.7	183567.7	17.3	0	0	0	0 d
		5.0275	529602.7	183567.2	17.3	0	0	0	0 d
		5.5302	529602.7	183566.7	17.3	0	0	0	0 d
		6.033	529602.8	183566.2	17.3	0	0	0	0 d
		6.5357	529602.8	183565.7	17.3	0	0	0	0 d
		7.0385	529602.8	183565.2	17.3	0	0	0	0 d
		7.5412	529602.9	183564.6	17.3	0	0	0	0 d
		8.044	529602.9	183564.1	17.3	0	0	0	0 d
		8.5467	529602.9	183563.6	17.3	0	0	0	0 d
		9.0495	529603	183563.1	17.3	0	0	0	0 d
		9.5522	529603	183562.6	17.3	0	0	0	0 d
		10.055	529603	183562.1	17.3	0	0	0	0 d
		10.558	529603.1	183561.6	17.3	0	0	0	0 d
		11.06	529603.1	183561.1	17.3	0	0	0	0 d
		11.563	529603.1	183560.6	17.3	0	0	0	0 d
		12.066	529603.2	183560.1	17.3	0	0	0	0 d
		12.569	529603.2	183559.6	17.3	0	0	0	0 d
		13.071	529603.2	183559.1	17.3	0	0	0	0 d
		13.574	529603.3	183558.6	17.3	0	0	0	0 d
		14.077	529603.3	183558.1	17.3	0	0	0	0 d
		14.58	529603.3	183557.6	17.3	0	0	0	0 d
		15.082	529603.4	183557.1	17.3	0	0	0	0 d
		15.585	529603.4	183556.6	17.3	0	0	0	0 d
		16.088	529603.4	183556.1	17.3	0	0	0	0 d
		16.591	529603.5	183555.6	17.3	0	0	0	0 d
		17.093	529603.5	183555.1	17.3	0	0	0	0 d
		17.596	529603.5	183554.6	17.3	0	0	0	0 d
		18.099	529603.6	183554.1	17.3	0	0	0	0 d
		18.602	529603.6	183553.6	17.3	0	0	0	0 d
		19.104	529603.6	183553.1	17.3	0	0	0	0 d
		19.607	529603.7	183552.6	17.3	0	0	0	0 d
		20.11	529603.7	183552.1	17.3	0	0	0	0 d
		20.613	529603.7	183551.6	17.3	0	0	0	0 d
		21.115	529603.8	183551.1	17.3	0	0	0	0 d
		21.618	529603.8	183550.6	17.3	0	0	0	0 d
		22.121	529603.8	183550.1	17.3	0	0	0	0 d
		22.624	529603.9	183549.6	17.3	0	0	0	0 d
		23.126	529603.9	183549.1	17.3	0	0	0	0 d
		23.629	529603.9	183548.6	17.3	0	0	0	0 d
		24.132	529604	183548.1	17.3	0	0	0	0 d
		24.635	529604	183547.6	17.3	0	0	0	0 d
		25.137	529604	183547.1	17.3	0	0	0	0 d
		25.64	529604.1	183546.6	17.3	0	0	0	0 d
		26.143	529604.1	183546.1	17.3	0	0	0	0 d
		26.646	529604.1	183545.6	17.3	0	0	0	0 d
		27.148	529604.2	183545.1	17.3	0	0	0	0 d
		27.651	529604.2	183544.6	17.3	0	0	0	0 d
		28.154	529604.2	183544.1	17.3	0	0	0	0 d
		28.657	529604.3	183543.6	17.3	0	0	0	0 d
		29.159	529604.3	183543.1	17.3	0	0	0	0 d
		29.662	529604.3	183542.6	17.3	0	0	0	0 d
		30.165	529604.4	183542.1	17.3	0	0	0	0 d
		30.668	529604.4	183541.6	17.3	0	0	0	0 d
		31.17	529604.5	183541.1	17.3	0	0	0	0 d
		31.673	529604.5	183540.6	17.3	0	0	0	0 d
11	11 Shallow	0	529621.4	183565.7	17.3	0	0	0	0 d
		0.48392	529621.9	183565.8	17.3	0	0	0	0 d
		0.96785	529622.4	183565.9	17.3	0	0	0	0 d
		1.4518	529622.8	183566	17.3	0	0	0	0 d
		1.9357	529623.3	183566.1	17.3	0	0	0	0 d
		2.4196	529623.8	183566.1	17.3	0	0	0	0 d
		2.9035	529624.3	183566.2	17.3	0	0	0	0 d
		3.3875	529624.7	183566.3	17.3	0	0	0	0 d
		3.8714	529625.2	183566.4	17.3	0	0	0	0 d
		4.3553	529625.7	183566.5	17.3	0	0	0	0 d
		4.8392	529626.2	183566.5	17.3	0	0	0	0 d
		5.3232	529626.6	183566.6	17.3	0	0	0	0 d
		5.8071	529627.1	183566.7	17.3	0	0	0	0 d
		6.291	529627.6	183566.8	17.3	0	0	0	0 d
12	12 Shallow	0	529621.4	183565.7	17.3	0	0	0	0 d
		0.50403	529621.4	183565.2	17.3	0	0	0	0 d
		1.0081	529621.5	183564.7	17.3	0	0	0	0 d
		1.5121	529621.5	183564.2	17.3	0	0	0	0 d
		2.0161	529621.5	183563.7	17.3	0	0	0	0 d
		2.5202	529621.6	183563.2	17.3	0	0	0	0 d

		3.0242	529621.6	183562.7	17.3	0	0	0	0 d
		3.5282	529621.7	183562.2	17.3	0	0	0	0 d
		4.0322	529621.7	183561.7	17.3	0	0	0	0 d
		4.5363	529621.7	183561.2	17.3	0	0	0	0 d
		5.0403	529621.8	183560.7	17.3	0	0	0	0 d
		5.5443	529621.8	183560.2	17.3	0	0	0	0 d
		6.0484	529621.8	183559.7	17.3	0	0	0	0 d
		6.5524	529621.9	183559.2	17.3	0	0	0	0 d
		7.0564	529621.9	183558.7	17.3	0	0	0	0 d
		7.5605	529621.9	183558.2	17.3	0	0	0	0 d
		8.0645	529622	183557.7	17.3	0	0	0	0 d
		8.5685	529622	183557.2	17.3	0	0	0	0 d
		9.0725	529622	183556.7	17.3	0	0	0	0 d
		9.5766	529622.1	183556.2	17.3	0	0	0	0 d
		10.081	529622.1	183555.7	17.3	0	0	0	0 d
		10.585	529622.2	183555.2	17.3	0	0	0	0 d
		11.089	529622.2	183554.7	17.3	0	0	0	0 d
		11.593	529622.2	183554.2	17.3	0	0	0	0 d
		12.097	529622.3	183553.7	17.3	0	0	0	0 d
		12.601	529622.3	183553.2	17.3	0	0	0	0 d
		13.105	529622.3	183552.7	17.3	0	0	0	0 d
		13.609	529622.4	183552.2	17.3	0	0	0	0 d
		14.113	529622.4	183551.6	17.3	0	0	0	0 d
		14.617	529622.4	183551.1	17.3	0	0	0	0 d
		15.121	529622.5	183550.6	17.3	0	0	0	0 d
		15.625	529622.5	183550.1	17.3	0	0	0	0 d
		16.129	529622.5	183549.6	17.3	0	0	0	0 d
		16.633	529622.6	183549.1	17.3	0	0	0	0 d
		17.137	529622.6	183548.6	17.3	0	0	0	0 d
		17.641	529622.7	183548.1	17.3	0	0	0	0 d
		18.145	529622.7	183547.6	17.3	0	0	0	0 d
		18.649	529622.7	183547.1	17.3	0	0	0	0 d
		19.153	529622.8	183546.6	17.3	0	0	0	0 d
		19.657	529622.8	183546.1	17.3	0	0	0	0 d
		20.161	529622.8	183545.6	17.3	0	0	0	0 d
		20.665	529622.9	183545.1	17.3	0	0	0	0 d
		21.169	529622.9	183544.6	17.3	0	0	0	0 d
		21.673	529622.9	183544.1	17.3	0	0	0	0 d
		22.177	529623	183543.6	17.3	0	0	0	0 d
		22.681	529623	183543.1	17.3	0	0	0	0 d
		23.185	529623	183542.6	17.3	0	0	0	0 d
		23.689	529623.1	183542.1	17.3	0	0	0	0 d
		24.193	529623.1	183541.6	17.3	0	0	0	0 d
		24.697	529623.2	183541.1	17.3	0	0	0	0 d
		25.202	529623.2	183540.6	17.3	0	0	0	0 d
13	13 Shallow	0	529627.6	183566.8	17.3	0	0	0	0 d
		0.50439	529627.6	183566.3	17.3	0	0	0	0 d
		1.0088	529627.6	183565.8	17.3	0	0	0	0 d
		1.5132	529627.5	183565.3	17.3	0	0	0	0 d
		2.0175	529627.5	183564.8	17.3	0	0	0	0 d
		2.5219	529627.5	183564.3	17.3	0	0	0	0 d
		3.0263	529627.5	183563.8	17.3	0	0	0	0 d
		3.5307	529627.5	183563.3	17.3	0	0	0	0 d
		4.0351	529627.4	183562.8	17.3	0	0	0	0 d
		4.5395	529627.4	183562.3	17.3	0	0	0	0 d
		5.0439	529627.4	183561.8	17.3	0	0	0	0 d
		5.5482	529627.4	183561.3	17.3	0	0	0	0 d
		6.0526	529627.4	183560.7	17.3	0	0	0	0 d
		6.557	529627.4	183560.2	17.3	0	0	0	0 d
		7.0614	529627.3	183559.7	17.3	0	0	0	0 d
		7.5658	529627.3	183559.2	17.3	0	0	0	0 d
		8.0702	529627.3	183558.7	17.3	0	0	0	0 d
		8.5746	529627.3	183558.2	17.3	0	0	0	0 d
		9.0789	529627.3	183557.7	17.3	0	0	0	0 d
		9.5833	529627.2	183557.2	17.3	0	0	0	0 d
		10.088	529627.2	183556.7	17.3	0	0	0	0 d
		10.592	529627.2	183556.2	17.3	0	0	0	0 d
		11.096	529627.2	183555.7	17.3	0	0	0	0 d
		11.601	529627.2	183555.2	17.3	0	0	0	0 d
		12.105	529627.1	183554.7	17.3	0	0	0	0 d
		12.61	529627.1	183554.2	17.3	0	0	0	0 d
		13.114	529627.1	183553.7	17.3	0	0	0	0 d
		13.618	529627.1	183553.2	17.3	0	0	0	0 d
		14.123	529627.1	183552.7	17.3	0	0	0	0 d
		14.627	529627.1	183552.2	17.3	0	0	0	0 d
		15.132	529627	183551.7	17.3	0	0	0	0 d
		15.636	529627	183551.2	17.3	0	0	0	0 d
		16.14	529627	183550.7	17.3	0	0	0	0 d
		16.645	529627	183550.2	17.3	0	0	0	0 d
		17.149	529627	183549.7	17.3	0	0	0	0 d
		17.653	529626.9	183549.2	17.3	0	0	0	0 d
		18.158	529626.9	183548.7	17.3	0	0	0	0 d
		18.662	529626.9	183548.1	17.3	0	0	0	0 d
		19.167	529626.9	183547.6	17.3	0	0	0	0 d
		19.671	529626.9	183547.1	17.3	0	0	0	0 d
		20.175	529626.9	183546.6	17.3	0	0	0	0 d
		20.68	529626.8	183546.1	17.3	0	0	0	0 d
		21.184	529626.8	183545.6	17.3	0	0	0	0 d
		21.689	529626.8	183545.1	17.3	0	0	0	0 d
		22.193	529626.8	183544.6	17.3	0	0	0	0 d
		22.697	529626.8	183544.1	17.3	0	0	0	0 d
		23.202	529626.7	183543.6	17.3	0	0	0	0 d
		23.706	529626.7	183543.1	17.3	0	0	0	0 d
		24.211	529626.7	183542.6	17.3	0	0	0	0 d
		24.715	529626.7	183542.1	17.3	0	0	0	0 d
		25.219	529626.7	183541.6	17.3	0	0	0	0 d
		25.724	529626.6	183541.1	17.3	0	0	0	0 d
		26.228	529626.6	183540.6	17.3	0	0	0	0 d
14	14 Shallow	0	529623.2	183540.6	17.3	0	0	0	0 d
		0.49114	529623.7	183540.6	17.3	0	0	0	0 d
		0.98229	529624.2	183540.6	17.3	0	0	0	0 d
		1.4734	529624.7	183540.6	17.3	0	0	0	0 d
		1.9646	529625.2	183540.6	17.3	0	0	0	0 d
		2.4557	529625.6	183540.6	17.3	0	0	0	0 d
		2.9469	529626.1	183540.6	17.3	0	0	0	0 d
		3.438	529626.6	183540.6	17.3	0	0	0	0 d
15	15 Shallow	0	529640.8	183560.3	18	0	0	0	0 d
		0.50016	529641.2	183560.6	18	0	0	0	0 d
		1.0003	529641.7	183560.9	18	0	0	0	0 d
		1.5005	529642.1	183561.1	18	0	0	0	0 d
		2.0006	529642.5	183561.4	18	0	0	0	0 d
		2.5008	529642.9	183561.7	18	0	0	0	0 d
		3.0009	529643.3	183562	18	0	0	0	0 d
		3.5011	529643.8	183562.2	18	0	0	0	0 d
		4.0013	529644.2	183562.5	18	0	0	0	0 d
		4.5014	529644.6	183562.8	18	0	0	0	0 d
		5.0016	529645	183563	18	0	0	0	0 d
		5.5017	529645.4	183563.3	18	0	0	0	0 d
		6.0019	529645.9	183563.6	18	0	0	0	0 d
		6.502	529646.3	183563.8	18	0	0	0	0 d
		7.0022	529646.7	183564.1	18	0	0	0	0 d
		7.5023	529647.1	183564.4	18	0	0	0	0 d

		8.0025	529647.6	183564.6	18	0	0	0	0 d
		8.5027	529648	183564.9	18	0	0	0	0 d
		9.0028	529648.4	183565.2	18	0	0	0	0 d
		9.503	529648.8	183565.5	18	0	0	0	0 d
		10.003	529649.2	183565.7	18	0	0	0	0 d
		10.503	529649.7	183566	18	0	0	0	0 d
		11.003	529650.1	183566.3	18	0	0	0	0 d
		11.504	529650.5	183566.5	18	0	0	0	0 d
		12.004	529650.9	183566.8	18	0	0	0	0 d
		12.504	529651.3	183567.1	18	0	0	0	0 d
		13.004	529651.8	183567.3	18	0	0	0	0 d
16	16 Shallow	0	529640.8	183560.3	18	0	0	0	0 d
		0.49835	529641.1	183559.9	18	0	0	0	0 d
		0.9967	529641.4	183559.5	18	0	0	0	0 d
		1.4951	529641.6	183559.1	18	0	0	0	0 d
		1.9934	529641.9	183558.7	18	0	0	0	0 d
		2.4918	529642.2	183558.3	18	0	0	0	0 d
		2.9901	529642.4	183557.8	18	0	0	0	0 d
		3.4885	529642.7	183557.4	18	0	0	0	0 d
		3.9868	529643	183557	18	0	0	0	0 d
		4.4852	529643.2	183556.6	18	0	0	0	0 d
		4.9835	529643.5	183556.2	18	0	0	0	0 d
		5.4819	529643.8	183555.7	18	0	0	0	0 d
		5.9802	529644.1	183555.3	18	0	0	0	0 d
		6.4786	529644.3	183554.9	18	0	0	0	0 d
		6.9769	529644.6	183554.5	18	0	0	0	0 d
		7.4753	529644.9	183554.1	18	0	0	0	0 d
		7.9736	529645.1	183553.7	18	0	0	0	0 d
		8.472	529645.4	183553.2	18	0	0	0	0 d
		8.9703	529645.7	183552.8	18	0	0	0	0 d
		9.4687	529646	183552.4	18	0	0	0	0 d
		9.967	529646.2	183552	18	0	0	0	0 d
		10.465	529646.5	183551.6	18	0	0	0	0 d
		10.964	529646.8	183551.1	18	0	0	0	0 d
		11.462	529647	183550.7	18	0	0	0	0 d
		11.96	529647.3	183550.3	18	0	0	0	0 d
		12.459	529647.6	183549.9	18	0	0	0	0 d
		12.957	529647.9	183549.5	18	0	0	0	0 d
		13.455	529648.1	183549.1	18	0	0	0	0 d
		13.954	529648.4	183548.6	18	0	0	0	0 d
		14.452	529648.7	183548.2	18	0	0	0	0 d
		14.951	529648.9	183547.8	18	0	0	0	0 d
		15.449	529649.2	183547.4	18	0	0	0	0 d
		15.947	529649.5	183547	18	0	0	0	0 d
		16.446	529649.8	183546.5	18	0	0	0	0 d
		16.944	529650	183546.1	18	0	0	0	0 d
		17.442	529650.3	183545.7	18	0	0	0	0 d
		17.941	529650.6	183545.3	18	0	0	0	0 d
		18.439	529650.8	183544.9	18	0	0	0	0 d
		18.937	529651.1	183544.5	18	0	0	0	0 d
		19.436	529651.4	183544	18	0	0	0	0 d
		19.934	529651.7	183543.6	18	0	0	0	0 d
		20.432	529651.9	183543.2	18	0	0	0	0 d
		20.931	529652.2	183542.8	18	0	0	0	0 d
		21.429	529652.5	183542.4	18	0	0	0	0 d
		21.927	529652.7	183541.9	18	0	0	0	0 d
17	17 Shallow	0	529651.8	183567.3	18	0	0	0	0 d
		0.4993	529652	183566.9	18	0	0	0	0 d
		0.9986	529652.3	183566.5	18	0	0	0	0 d
		1.4979	529652.6	183566.1	18	0	0	0	0 d
		1.9972	529652.9	183565.7	18	0	0	0	0 d
		2.4965	529653.1	183565.2	18	0	0	0	0 d
		2.9958	529653.4	183564.8	18	0	0	0	0 d
		3.4951	529653.7	183564.4	18	0	0	0	0 d
		3.9944	529653.9	183564	18	0	0	0	0 d
		4.4937	529654.2	183563.6	18	0	0	0	0 d
		4.993	529654.5	183563.2	18	0	0	0	0 d
		5.4923	529654.8	183562.7	18	0	0	0	0 d
		5.9916	529655	183562.3	18	0	0	0	0 d
		6.4909	529655.3	183561.9	18	0	0	0	0 d
		6.9902	529655.6	183561.5	18	0	0	0	0 d
		7.4895	529655.8	183561.1	18	0	0	0	0 d
		7.9888	529656.1	183560.6	18	0	0	0	0 d
		8.4881	529656.4	183560.2	18	0	0	0	0 d
		8.9874	529656.7	183559.8	18	0	0	0	0 d
		9.4867	529656.9	183559.4	18	0	0	0	0 d
		9.986	529657.2	183559	18	0	0	0	0 d
		10.485	529657.5	183558.5	18	0	0	0	0 d
		10.985	529657.7	183558.1	18	0	0	0	0 d
		11.484	529658	183557.7	18	0	0	0	0 d
		11.983	529658.3	183557.3	18	0	0	0	0 d
		12.483	529658.6	183556.9	18	0	0	0	0 d
		12.982	529658.8	183556.5	18	0	0	0	0 d
		13.481	529659.1	183556	18	0	0	0	0 d
		13.98	529659.4	183555.6	18	0	0	0	0 d
		14.48	529659.6	183555.2	18	0	0	0	0 d
		14.979	529659.9	183554.8	18	0	0	0	0 d
		15.478	529660.2	183554.4	18	0	0	0	0 d
		15.978	529660.5	183553.9	18	0	0	0	0 d
		16.477	529660.7	183553.5	18	0	0	0	0 d
		16.976	529661	183553.1	18	0	0	0	0 d
		17.476	529661.3	183552.7	18	0	0	0	0 d
		17.975	529661.5	183552.3	18	0	0	0	0 d
		18.474	529661.8	183551.8	18	0	0	0	0 d
		18.973	529662.1	183551.4	18	0	0	0	0 d
		19.473	529662.4	183551	18	0	0	0	0 d
		19.972	529662.6	183550.6	18	0	0	0	0 d
		20.471	529662.9	183550.2	18	0	0	0	0 d
		20.971	529663.2	183549.7	18	0	0	0	0 d
		21.47	529663.4	183549.3	18	0	0	0	0 d
		21.969	529663.7	183548.9	18	0	0	0	0 d
		22.469	529664	183548.5	18	0	0	0	0 d
18	18 Shallow	0	529652.7	183541.9	18	0	0	0	0 d
		0.50094	529653.2	183542.2	18	0	0	0	0 d
		1.0019	529653.6	183542.4	18	0	0	0	0 d
		1.5028	529654	183542.7	18	0	0	0	0 d
		2.0038	529654.5	183542.9	18	0	0	0	0 d
		2.5047	529654.9	183543.2	18	0	0	0	0 d
		3.0056	529655.3	183543.5	18	0	0	0	0 d
		3.5066	529655.8	183543.7	18	0	0	0	0 d
		4.0075	529656.2	183544	18	0	0	0	0 d
		4.5085	529656.6	183544.2	18	0	0	0	0 d
		5.0094	529657.1	183544.5	18	0	0	0	0 d
		5.5103	529657.5	183544.7	18	0	0	0	0 d
		6.0113	529657.9	183545	18	0	0	0	0 d
		6.5122	529658.4	183545.2	18	0	0	0	0 d
		7.0132	529658.8	183545.5	18	0	0	0	0 d
		7.5141	529659.2	183545.7	18	0	0	0	0 d
		8.015	529659.7	183546	18	0	0	0	0 d
		8.516	529660.1	183546.2	18	0	0	0	0 d
		9.0169	529660.5	183546.5	18	0	0	0	0 d
		9.5178	529661	183546.7	18	0	0	0	0 d

		10.019	529661.4	183547	18	0	0	0	0 d
		10.52	529661.8	183547.2	18	0	0	0	0 d
		11.021	529662.3	183547.5	18	0	0	0	0 d
		11.522	529662.7	183547.7	18	0	0	0	0 d
		12.023	529663.1	183548	18	0	0	0	0 d
		12.523	529663.6	183548.2	18	0	0	0	0 d
		13.024	529664	183548.5	18	0	0	0	0 d
19	19 Shallow	0	529659.1	183572	18.5	0	0	0	0 d
		0.50201	529659.5	183572.2	18.5	0	0	0	0 d
		1.004	529660	183572.5	18.5	0	0	0	0 d
		1.506	529660.4	183572.8	18.5	0	0	0	0 d
		2.008	529660.8	183573	18.5	0	0	0	0 d
		2.51	529661.2	183573.3	18.5	0	0	0	0 d
		3.012	529661.7	183573.6	18.5	0	0	0	0 d
		3.514	529662.1	183573.8	18.5	0	0	0	0 d
		4.0161	529662.5	183574.1	18.5	0	0	0	0 d
		4.5181	529662.9	183574.4	18.5	0	0	0	0 d
		5.0201	529663.4	183574.6	18.5	0	0	0	0 d
		5.5221	529663.8	183574.9	18.5	0	0	0	0 d
		6.0241	529664.2	183575.2	18.5	0	0	0	0 d
		6.5261	529664.6	183575.4	18.5	0	0	0	0 d
		7.0281	529665.1	183575.7	18.5	0	0	0	0 d
		7.5301	529665.5	183576	18.5	0	0	0	0 d
		8.0321	529665.9	183576.2	18.5	0	0	0	0 d
		8.5341	529666.3	183576.5	18.5	0	0	0	0 d
		9.0361	529666.8	183576.8	18.5	0	0	0	0 d
		9.5381	529667.2	183577	18.5	0	0	0	0 d
		10.04	529667.6	183577.3	18.5	0	0	0	0 d
		10.542	529668	183577.6	18.5	0	0	0	0 d
		11.044	529668.5	183577.9	18.5	0	0	0	0 d
		11.546	529668.9	183578.1	18.5	0	0	0	0 d
		12.048	529669.3	183578.4	18.5	0	0	0	0 d
		12.55	529669.7	183578.7	18.5	0	0	0	0 d
		13.052	529670.2	183578.9	18.5	0	0	0	0 d
		13.554	529670.6	183579.2	18.5	0	0	0	0 d
		14.056	529671	183579.5	18.5	0	0	0	0 d
20	20 Shallow	0	529659.1	183572	18.5	0	0	0	0 d
		0.49945	529659.4	183571.5	18.5	0	0	0	0 d
		0.9989	529659.6	183571.1	18.5	0	0	0	0 d
		1.4984	529659.9	183570.7	18.5	0	0	0	0 d
		1.9978	529660.2	183570.3	18.5	0	0	0	0 d
		2.4973	529660.4	183569.8	18.5	0	0	0	0 d
		2.9967	529660.7	183569.4	18.5	0	0	0	0 d
		3.4962	529660.9	183569	18.5	0	0	0	0 d
		3.9956	529661.2	183568.6	18.5	0	0	0	0 d
		4.4951	529661.5	183568.1	18.5	0	0	0	0 d
		4.9945	529661.7	183567.7	18.5	0	0	0	0 d
		5.494	529662	183567.3	18.5	0	0	0	0 d
		5.9934	529662.2	183566.9	18.5	0	0	0	0 d
		6.4929	529662.5	183566.4	18.5	0	0	0	0 d
		6.9923	529662.8	183566	18.5	0	0	0	0 d
		7.4918	529663	183565.6	18.5	0	0	0	0 d
		7.9912	529663.3	183565.2	18.5	0	0	0	0 d
		8.4907	529663.6	183564.7	18.5	0	0	0	0 d
		8.9901	529663.8	183564.3	18.5	0	0	0	0 d
		9.4896	529664.1	183563.9	18.5	0	0	0	0 d
		9.989	529664.3	183563.5	18.5	0	0	0	0 d
		10.488	529664.6	183563	18.5	0	0	0	0 d
		10.988	529664.9	183562.6	18.5	0	0	0	0 d
		11.487	529665.1	183562.2	18.5	0	0	0	0 d
		11.987	529665.4	183561.8	18.5	0	0	0	0 d
		12.486	529665.6	183561.3	18.5	0	0	0	0 d
		12.986	529665.9	183560.9	18.5	0	0	0	0 d
		13.485	529666.2	183560.5	18.5	0	0	0	0 d
		13.985	529666.4	183560.1	18.5	0	0	0	0 d
		14.484	529666.7	183559.6	18.5	0	0	0	0 d
		14.984	529667	183559.2	18.5	0	0	0	0 d
		15.483	529667.2	183558.8	18.5	0	0	0	0 d
		15.982	529667.5	183558.3	18.5	0	0	0	0 d
		16.482	529667.7	183557.9	18.5	0	0	0	0 d
		16.981	529668	183557.5	18.5	0	0	0	0 d
		17.481	529668.3	183557.1	18.5	0	0	0	0 d
		17.98	529668.5	183556.6	18.5	0	0	0	0 d
		18.48	529668.8	183556.2	18.5	0	0	0	0 d
		18.979	529669	183555.8	18.5	0	0	0	0 d
		19.479	529669.3	183555.4	18.5	0	0	0	0 d
		19.978	529669.6	183554.9	18.5	0	0	0	0 d
		20.478	529669.8	183554.5	18.5	0	0	0	0 d
		20.977	529670.1	183554.1	18.5	0	0	0	0 d
		21.476	529670.3	183553.7	18.5	0	0	0	0 d
		21.976	529670.6	183553.2	18.5	0	0	0	0 d
		22.475	529670.9	183552.8	18.5	0	0	0	0 d
		22.975	529671.1	183552.4	18.5	0	0	0	0 d
		23.474	529671.4	183552	18.5	0	0	0	0 d
		23.974	529671.7	183551.5	18.5	0	0	0	0 d
		24.473	529671.9	183551.1	18.5	0	0	0	0 d
		24.973	529672.2	183550.7	18.5	0	0	0	0 d
		25.472	529672.4	183550.3	18.5	0	0	0	0 d
		25.972	529672.7	183549.8	18.5	0	0	0	0 d
		26.471	529673	183549.4	18.5	0	0	0	0 d
		26.97	529673.2	183549	18.5	0	0	0	0 d
		27.47	529673.5	183548.6	18.5	0	0	0	0 d
		27.969	529673.7	183548.1	18.5	0	0	0	0 d
		28.469	529674	183547.7	18.5	0	0	0	0 d
		28.968	529674.3	183547.3	18.5	0	0	0	0 d
		29.468	529674.5	183546.9	18.5	0	0	0	0 d
		29.967	529674.8	183546.4	18.5	0	0	0	0 d
		30.467	529675.1	183546	18.5	0	0	0	0 d
		30.966	529675.3	183545.6	18.5	0	0	0	0 d
		31.465	529675.6	183545.2	18.5	0	0	0	0 d
		31.965	529675.8	183544.7	18.5	0	0	0	0 d
		32.464	529676.1	183544.3	18.5	0	0	0	0 d
		32.964	529676.4	183543.9	18.5	0	0	0	0 d
		33.463	529676.6	183543.5	18.5	0	0	0	0 d
		33.963	529676.9	183543	18.5	0	0	0	0 d
		34.462	529677.1	183542.6	18.5	0	0	0	0 d
		34.962	529677.4	183542.2	18.5	0	0	0	0 d
		35.461	529677.7	183541.8	18.5	0	0	0	0 d
		35.961	529677.9	183541.3	18.5	0	0	0	0 d
		36.46	529678.2	183540.9	18.5	0	0	0	0 d
		36.959	529678.5	183540.5	18.5	0	0	0	0 d
		37.459	529678.7	183540	18.5	0	0	0	0 d
		37.958	529679	183539.6	18.5	0	0	0	0 d
		38.458	529679.2	183539.2	18.5	0	0	0	0 d
		38.957	529679.5	183538.8	18.5	0	0	0	0 d
		39.457	529679.8	183538.3	18.5	0	0	0	0 d
		39.956	529680	183537.9	18.5	0	0	0	0 d
		40.456	529680.3	183537.5	18.5	0	0	0	0 d
21	21 Shallow	0	529671	183579.5	18.5	0	0	0	0 d
		0.5028	529671.3	183579	18.5	0	0	0	0 d
		1.0056	529671.6	183578.6	18.5	0	0	0	0 d
		1.5084	529671.8	183578.2	18.5	0	0	0	0 d

		2.0112	529672.1	183577.8	18.5	0	0	0	0	d
		2.514	529672.4	183577.4	18.5	0	0	0	0	d
		3.0168	529672.7	183576.9	18.5	0	0	0	0	d
		3.5196	529672.9	183576.5	18.5	0	0	0	0	d
		4.0224	529673.2	183576.1	18.5	0	0	0	0	d
		4.5252	529673.5	183575.7	18.5	0	0	0	0	d
		5.028	529673.7	183575.2	18.5	0	0	0	0	d
		5.5308	529674	183574.8	18.5	0	0	0	0	d
		6.0336	529674.3	183574.4	18.5	0	0	0	0	d
		6.5364	529674.6	183574	18.5	0	0	0	0	d
		7.0392	529674.8	183573.6	18.5	0	0	0	0	d
		7.542	529675.1	183573.1	18.5	0	0	0	0	d
		8.0448	529675.4	183572.7	18.5	0	0	0	0	d
		8.5476	529675.7	183572.3	18.5	0	0	0	0	d
		9.0504	529675.9	183571.9	18.5	0	0	0	0	d
		9.5532	529676.2	183571.5	18.5	0	0	0	0	d
		10.056	529676.5	183571	18.5	0	0	0	0	d
		10.559	529676.8	183570.6	18.5	0	0	0	0	d
		11.062	529677	183570.2	18.5	0	0	0	0	d
		11.564	529677.3	183569.8	18.5	0	0	0	0	d
		12.067	529677.6	183569.3	18.5	0	0	0	0	d
		12.57	529677.9	183568.9	18.5	0	0	0	0	d
		13.073	529678.1	183568.5	18.5	0	0	0	0	d
		13.576	529678.4	183568.1	18.5	0	0	0	0	d
		14.078	529678.7	183567.7	18.5	0	0	0	0	d
		14.581	529679	183567.2	18.5	0	0	0	0	d
		15.084	529679.2	183566.8	18.5	0	0	0	0	d
		15.587	529679.5	183566.4	18.5	0	0	0	0	d
		16.09	529679.8	183566	18.5	0	0	0	0	d
		16.592	529680.1	183565.6	18.5	0	0	0	0	d
		17.095	529680.3	183565.1	18.5	0	0	0	0	d
		17.598	529680.6	183564.7	18.5	0	0	0	0	d
		18.101	529680.9	183564.3	18.5	0	0	0	0	d
		18.604	529681.2	183563.9	18.5	0	0	0	0	d
		19.106	529681.4	183563.5	18.5	0	0	0	0	d
		19.609	529681.7	183563	18.5	0	0	0	0	d
		20.112	529682	183562.6	18.5	0	0	0	0	d
		20.615	529682.3	183562.2	18.5	0	0	0	0	d
		21.118	529682.5	183561.8	18.5	0	0	0	0	d
		21.62	529682.8	183561.3	18.5	0	0	0	0	d
		22.123	529683.1	183560.9	18.5	0	0	0	0	d
		22.626	529683.4	183560.5	18.5	0	0	0	0	d
		23.129	529683.6	183560.1	18.5	0	0	0	0	d
		23.632	529683.9	183559.7	18.5	0	0	0	0	d
		24.134	529684.2	183559.2	18.5	0	0	0	0	d
		24.637	529684.5	183558.8	18.5	0	0	0	0	d
		25.14	529684.7	183558.4	18.5	0	0	0	0	d
		25.643	529685	183558	18.5	0	0	0	0	d
		26.146	529685.3	183557.6	18.5	0	0	0	0	d
		26.648	529685.6	183557.1	18.5	0	0	0	0	d
		27.151	529685.8	183556.7	18.5	0	0	0	0	d
		27.654	529686.1	183556.3	18.5	0	0	0	0	d
		28.157	529686.4	183555.9	18.5	0	0	0	0	d
		28.66	529686.7	183555.4	18.5	0	0	0	0	d
		29.162	529686.9	183555	18.5	0	0	0	0	d
		29.665	529687.2	183554.6	18.5	0	0	0	0	d
		30.168	529687.5	183554.2	18.5	0	0	0	0	d
		30.671	529687.8	183553.8	18.5	0	0	0	0	d
		31.174	529688	183553.3	18.5	0	0	0	0	d
		31.676	529688.3	183552.9	18.5	0	0	0	0	d
		32.179	529688.6	183552.5	18.5	0	0	0	0	d
		32.682	529688.9	183552.1	18.5	0	0	0	0	d
		33.185	529689.1	183551.7	18.5	0	0	0	0	d
		33.688	529689.4	183551.2	18.5	0	0	0	0	d
		34.19	529689.7	183550.8	18.5	0	0	0	0	d
		34.693	529690	183550.4	18.5	0	0	0	0	d
		35.196	529690.2	183550	18.5	0	0	0	0	d
		35.699	529690.5	183549.6	18.5	0	0	0	0	d
		36.202	529690.8	183549.1	18.5	0	0	0	0	d
		36.704	529691.1	183548.7	18.5	0	0	0	0	d
		37.207	529691.3	183548.3	18.5	0	0	0	0	d
		37.71	529691.6	183547.9	18.5	0	0	0	0	d
		38.213	529691.9	183547.4	18.5	0	0	0	0	d
		38.716	529692.1	183547	18.5	0	0	0	0	d
		39.218	529692.4	183546.6	18.5	0	0	0	0	d
		39.721	529692.7	183546.2	18.5	0	0	0	0	d
		40.224	529693	183545.8	18.5	0	0	0	0	d
		40.727	529693.2	183545.3	18.5	0	0	0	0	d
22	22 Shallow	0	529680.3	183537.5	18.5	0	0	0	0	d
		0.50517	529680.7	183537.8	18.5	0	0	0	0	d
		1.0103	529681.1	183538	18.5	0	0	0	0	d
		1.5155	529681.6	183538.3	18.5	0	0	0	0	d
		2.0207	529682	183538.5	18.5	0	0	0	0	d
		2.5258	529682.4	183538.8	18.5	0	0	0	0	d
		3.031	529682.9	183539.1	18.5	0	0	0	0	d
		3.5362	529683.3	183539.3	18.5	0	0	0	0	d
		4.0414	529683.7	183539.6	18.5	0	0	0	0	d
		4.5465	529684.2	183539.8	18.5	0	0	0	0	d
		5.0517	529684.6	183540.1	18.5	0	0	0	0	d
		5.5569	529685	183540.4	18.5	0	0	0	0	d
		6.062	529685.5	183540.6	18.5	0	0	0	0	d
		6.5672	529685.9	183540.9	18.5	0	0	0	0	d
		7.0724	529686.3	183541.2	18.5	0	0	0	0	d
		7.5775	529686.8	183541.4	18.5	0	0	0	0	d
		8.0827	529687.2	183541.7	18.5	0	0	0	0	d
		8.5879	529687.6	183541.9	18.5	0	0	0	0	d
		9.0931	529688.1	183542.2	18.5	0	0	0	0	d
		9.5982	529688.5	183542.5	18.5	0	0	0	0	d
		10.103	529688.9	183542.7	18.5	0	0	0	0	d
		10.609	529689.4	183543	18.5	0	0	0	0	d
		11.114	529689.8	183543.2	18.5	0	0	0	0	d
		11.619	529690.2	183543.5	18.5	0	0	0	0	d
		12.124	529690.7	183543.8	18.5	0	0	0	0	d
		12.629	529691.1	183544	18.5	0	0	0	0	d
		13.134	529691.5	183544.3	18.5	0	0	0	0	d
		13.64	529692	183544.6	18.5	0	0	0	0	d
		14.145	529692.4	183544.8	18.5	0	0	0	0	d
		14.65	529692.8	183545.1	18.5	0	0	0	0	d
		15.155	529693.2	183545.3	18.5	0	0	0	0	d
23	23 Shallow	0	529684.1	183588.5	19	0	0	0	0	d
		0.50096	529684.5	183588.8	19	0	0	0	0	d
		1.0019	529684.9	183589	19	0	0	0	0	d
		1.5029	529685.3	183589.3	19	0	0	0	0	d
		2.0038	529685.8	183589.6	19	0	0	0	0	d
		2.5048	529686.2	183589.9	19	0	0	0	0	d
		3.0057	529686.6	183590.2	19	0	0	0	0	d
		3.5067	529687	183590.4	19	0	0	0	0	d
		4.0076	529687.4	183590.7	19	0	0	0	0	d
		4.5086	529687.8	183591	19	0	0	0	0	d
		5.0096	529688.3	183591.3	19	0	0	0	0	d
		5.5105	529688.7	183591.6	19	0	0	0	0	d
		6.0115	529689.1	183591.8	19	0	0	0	0	d

		6.5124	529689.5	183592.1	19	0	0	0	0	d
		7.0134	529689.9	183592.4	19	0	0	0	0	d
		7.5143	529690.3	183592.7	19	0	0	0	0	d
		8.0153	529690.7	183592.9	19	0	0	0	0	d
		8.5162	529691.2	183593.2	19	0	0	0	0	d
		9.0172	529691.6	183593.5	19	0	0	0	0	d
		9.5182	529692	183593.8	19	0	0	0	0	d
		10.019	529692.4	183594.1	19	0	0	0	0	d
		10.52	529692.8	183594.3	19	0	0	0	0	d
		11.021	529693.2	183594.6	19	0	0	0	0	d
		11.522	529693.7	183594.9	19	0	0	0	0	d
		12.023	529694.1	183595.2	19	0	0	0	0	d
		12.524	529694.5	183595.5	19	0	0	0	0	d
		13.025	529694.9	183595.7	19	0	0	0	0	d
		13.526	529695.3	183596	19	0	0	0	0	d
		14.027	529695.7	183596.3	19	0	0	0	0	d
		14.528	529696.2	183596.6	19	0	0	0	0	d
		15.029	529696.6	183596.8	19	0	0	0	0	d
		15.53	529697	183597.1	19	0	0	0	0	d
		16.031	529697.4	183597.4	19	0	0	0	0	d
24	24 Shallow	0	529684.1	183588.5	19	0	0	0	0	d
		0.50222	529684.4	183588.1	19	0	0	0	0	d
		1.0044	529684.6	183587.7	19	0	0	0	0	d
		1.5066	529684.9	183587.2	19	0	0	0	0	d
		2.0089	529685.2	183586.8	19	0	0	0	0	d
		2.5111	529685.5	183586.4	19	0	0	0	0	d
		3.0133	529685.7	183586	19	0	0	0	0	d
		3.5155	529686	183585.6	19	0	0	0	0	d
		4.0177	529686.3	183585.1	19	0	0	0	0	d
		4.5199	529686.6	183584.7	19	0	0	0	0	d
		5.0222	529686.9	183584.3	19	0	0	0	0	d
		5.5244	529687.1	183583.9	19	0	0	0	0	d
		6.0266	529687.4	183583.5	19	0	0	0	0	d
		6.5288	529687.7	183583	19	0	0	0	0	d
		7.031	529688	183582.6	19	0	0	0	0	d
		7.5332	529688.2	183582.2	19	0	0	0	0	d
		8.0355	529688.5	183581.8	19	0	0	0	0	d
		8.5377	529688.8	183581.4	19	0	0	0	0	d
		9.0399	529689.1	183580.9	19	0	0	0	0	d
		9.5421	529689.3	183580.5	19	0	0	0	0	d
		10.044	529689.6	183580.1	19	0	0	0	0	d
		10.547	529689.9	183579.7	19	0	0	0	0	d
		11.049	529690.2	183579.3	19	0	0	0	0	d
		11.551	529690.4	183578.8	19	0	0	0	0	d
		12.053	529690.7	183578.4	19	0	0	0	0	d
		12.555	529691	183578	19	0	0	0	0	d
		13.058	529691.3	183577.6	19	0	0	0	0	d
		13.56	529691.6	183577.2	19	0	0	0	0	d
		14.062	529691.8	183576.8	19	0	0	0	0	d
		14.564	529692.1	183576.3	19	0	0	0	0	d
		15.066	529692.4	183575.9	19	0	0	0	0	d
		15.569	529692.7	183575.5	19	0	0	0	0	d
		16.071	529692.9	183575.1	19	0	0	0	0	d
		16.573	529693.2	183574.7	19	0	0	0	0	d
		17.075	529693.5	183574.2	19	0	0	0	0	d
		17.578	529693.8	183573.8	19	0	0	0	0	d
		18.08	529694	183573.4	19	0	0	0	0	d
		18.582	529694.3	183573	19	0	0	0	0	d
		19.084	529694.6	183572.6	19	0	0	0	0	d
		19.586	529694.9	183572.1	19	0	0	0	0	d
		20.089	529695.1	183571.7	19	0	0	0	0	d
		20.591	529695.4	183571.3	19	0	0	0	0	d
		21.093	529695.7	183570.9	19	0	0	0	0	d
		21.595	529696	183570.5	19	0	0	0	0	d
		22.098	529696.3	183570	19	0	0	0	0	d
		22.6	529696.5	183569.6	19	0	0	0	0	d
		23.102	529696.8	183569.2	19	0	0	0	0	d
		23.604	529697.1	183568.8	19	0	0	0	0	d
		24.106	529697.4	183568.4	19	0	0	0	0	d
		24.609	529697.6	183567.9	19	0	0	0	0	d
		25.111	529697.9	183567.5	19	0	0	0	0	d
		25.613	529698.2	183567.1	19	0	0	0	0	d
		26.115	529698.5	183566.7	19	0	0	0	0	d
		26.617	529698.7	183566.3	19	0	0	0	0	d
		27.12	529699	183565.9	19	0	0	0	0	d
		27.622	529699.3	183565.4	19	0	0	0	0	d
		28.124	529699.6	183565	19	0	0	0	0	d
		28.626	529699.8	183564.6	19	0	0	0	0	d
		29.129	529700.1	183564.2	19	0	0	0	0	d
		29.631	529700.4	183563.8	19	0	0	0	0	d
		30.133	529700.7	183563.3	19	0	0	0	0	d
		30.635	529701	183562.9	19	0	0	0	0	d
		31.137	529701.2	183562.5	19	0	0	0	0	d
		31.64	529701.5	183562.1	19	0	0	0	0	d
		32.142	529701.8	183561.7	19	0	0	0	0	d
		32.644	529702.1	183561.2	19	0	0	0	0	d
		33.146	529702.3	183560.8	19	0	0	0	0	d
		33.648	529702.6	183560.4	19	0	0	0	0	d
		34.151	529702.9	183560	19	0	0	0	0	d
		34.653	529703.2	183559.6	19	0	0	0	0	d
		35.155	529703.4	183559.1	19	0	0	0	0	d
		35.657	529703.7	183558.7	19	0	0	0	0	d
		36.16	529704	183558.3	19	0	0	0	0	d
		36.662	529704.3	183557.9	19	0	0	0	0	d
		37.164	529704.5	183557.5	19	0	0	0	0	d
25	25 Shallow	0	529697.4	183597.4	19	0	0	0	0	d
		0.49776	529697.7	183597	19	0	0	0	0	d
		0.99552	529698	183596.6	19	0	0	0	0	d
		1.4933	529698.2	183596.2	19	0	0	0	0	d
		1.991	529698.5	183595.7	19	0	0	0	0	d
		2.4888	529698.8	183595.3	19	0	0	0	0	d
		2.9866	529699.1	183594.9	19	0	0	0	0	d
		3.4843	529699.3	183594.5	19	0	0	0	0	d
		3.9821	529699.6	183594.1	19	0	0	0	0	d
		4.4799	529699.9	183593.7	19	0	0	0	0	d
		4.9776	529700.1	183593.2	19	0	0	0	0	d
		5.4754	529700.4	183592.8	19	0	0	0	0	d
		5.9731	529700.7	183592.4	19	0	0	0	0	d
		6.4709	529701	183592	19	0	0	0	0	d
		6.9687	529701.2	183591.6	19	0	0	0	0	d
		7.4664	529701.5	183591.2	19	0	0	0	0	d
		7.9642	529701.8	183590.7	19	0	0	0	0	d
		8.4619	529702.1	183590.3	19	0	0	0	0	d
		8.9597	529702.3	183589.9	19	0	0	0	0	d
		9.4575	529702.6	183589.5	19	0	0	0	0	d
		9.9552	529702.9	183589.1	19	0	0	0	0	d
		10.453	529703.1	183588.7	19	0	0	0	0	d
		10.951	529703.4	183588.3	19	0	0	0	0	d
		11.449	529703.7	183587.8	19	0	0	0	0	d
		11.946	529704	183587.4	19	0	0	0	0	d
		12.444	529704.2	183587	19	0	0	0	0	d
		12.942	529704.5	183586.6	19	0	0	0	0	d

		13.44	529704.8	183586.2	19	0	0	0	0 d
		13.937	529705.1	183585.8	19	0	0	0	0 d
		14.435	529705.3	183585.3	19	0	0	0	0 d
		14.933	529705.6	183584.9	19	0	0	0	0 d
		15.431	529705.9	183584.5	19	0	0	0	0 d
		15.928	529706.2	183584.1	19	0	0	0	0 d
		16.426	529706.4	183583.7	19	0	0	0	0 d
		16.924	529706.7	183583.3	19	0	0	0	0 d
		17.422	529707	183582.8	19	0	0	0	0 d
		17.919	529707.2	183582.4	19	0	0	0	0 d
		18.417	529707.5	183582	19	0	0	0	0 d
		18.915	529707.8	183581.6	19	0	0	0	0 d
		19.413	529708.1	183581.2	19	0	0	0	0 d
		19.91	529708.3	183580.8	19	0	0	0	0 d
		20.408	529708.6	183580.3	19	0	0	0	0 d
		20.906	529708.9	183579.9	19	0	0	0	0 d
		21.404	529709.2	183579.5	19	0	0	0	0 d
		21.901	529709.4	183579.1	19	0	0	0	0 d
		22.399	529709.7	183578.7	19	0	0	0	0 d
		22.897	529710	183578.3	19	0	0	0	0 d
		23.395	529710.3	183577.9	19	0	0	0	0 d
		23.893	529710.5	183577.4	19	0	0	0	0 d
		24.39	529710.8	183577	19	0	0	0	0 d
		24.888	529711.1	183576.6	19	0	0	0	0 d
		25.386	529711.3	183576.2	19	0	0	0	0 d
		25.884	529711.6	183575.8	19	0	0	0	0 d
		26.381	529711.9	183575.4	19	0	0	0	0 d
		26.879	529712.2	183574.9	19	0	0	0	0 d
		27.377	529712.4	183574.5	19	0	0	0	0 d
		27.875	529712.7	183574.1	19	0	0	0	0 d
		28.372	529713	183573.7	19	0	0	0	0 d
		28.87	529713.3	183573.3	19	0	0	0	0 d
		29.368	529713.5	183572.9	19	0	0	0	0 d
		29.866	529713.8	183572.4	19	0	0	0	0 d
		30.363	529714.1	183572	19	0	0	0	0 d
		30.861	529714.4	183571.6	19	0	0	0	0 d
		31.359	529714.6	183571.2	19	0	0	0	0 d
		31.857	529714.9	183570.8	19	0	0	0	0 d
		32.354	529715.2	183570.4	19	0	0	0	0 d
		32.852	529715.4	183569.9	19	0	0	0	0 d
		33.35	529715.7	183569.5	19	0	0	0	0 d
		33.848	529716	183569.1	19	0	0	0	0 d
		34.346	529716.3	183568.7	19	0	0	0	0 d
		34.843	529716.5	183568.3	19	0	0	0	0 d
		35.341	529716.8	183567.9	19	0	0	0	0 d
		35.839	529717.1	183567.5	19	0	0	0	0 d
		36.337	529717.4	183567	19	0	0	0	0 d
		36.834	529717.6	183566.6	19	0	0	0	0 d
26	26 Shallow	0	529704.5	183557.5	19	0	0	0	0 d
		0.49902	529705	183557.8	19	0	0	0	0 d
		0.99803	529705.4	183558	19	0	0	0	0 d
		1.4971	529705.8	183558.3	19	0	0	0	0 d
		1.9961	529706.2	183558.6	19	0	0	0	0 d
		2.4951	529706.6	183558.9	19	0	0	0	0 d
		2.9941	529707	183559.2	19	0	0	0	0 d
		3.4931	529707.4	183559.5	19	0	0	0	0 d
		3.9921	529707.8	183559.8	19	0	0	0	0 d
		4.4912	529708.2	183560	19	0	0	0	0 d
		4.9902	529708.6	183560.3	19	0	0	0	0 d
		5.4892	529709	183560.6	19	0	0	0	0 d
		5.9882	529709.5	183560.9	19	0	0	0	0 d
		6.4872	529709.9	183561.2	19	0	0	0	0 d
		6.9862	529710.3	183561.5	19	0	0	0	0 d
		7.4853	529710.7	183561.8	19	0	0	0	0 d
		7.9843	529711.1	183562	19	0	0	0	0 d
		8.4833	529711.5	183562.3	19	0	0	0	0 d
		8.9823	529711.9	183562.6	19	0	0	0	0 d
		9.4813	529712.3	183562.9	19	0	0	0	0 d
		9.9803	529712.7	183563.2	19	0	0	0	0 d
		10.479	529713.1	183563.5	19	0	0	0	0 d
		10.978	529713.5	183563.8	19	0	0	0	0 d
		11.477	529714	183564	19	0	0	0	0 d
		11.976	529714.4	183564.3	19	0	0	0	0 d
		12.475	529714.8	183564.6	19	0	0	0	0 d
		12.974	529715.2	183564.9	19	0	0	0	0 d
		13.473	529715.6	183565.2	19	0	0	0	0 d
		13.972	529716	183565.5	19	0	0	0	0 d
		14.471	529716.4	183565.8	19	0	0	0	0 d
		14.971	529716.8	183566	19	0	0	0	0 d
		15.47	529717.2	183566.3	19	0	0	0	0 d
		15.969	529717.6	183566.6	19	0	0	0	0 d
27	27 Shallow	0	529708.2	183604	19.5	0	0	0	0 d
		0.49577	529708.6	183604.3	19.5	0	0	0	0 d
		0.99154	529709	183604.6	19.5	0	0	0	0 d
		1.4873	529709.4	183604.9	19.5	0	0	0	0 d
		1.9831	529709.8	183605.1	19.5	0	0	0	0 d
		2.4789	529710.2	183605.4	19.5	0	0	0	0 d
		2.9746	529710.6	183605.7	19.5	0	0	0	0 d
		3.4704	529711	183606	19.5	0	0	0	0 d
		3.9662	529711.4	183606.2	19.5	0	0	0	0 d
		4.462	529711.9	183606.5	19.5	0	0	0	0 d
		4.9577	529712.3	183606.8	19.5	0	0	0	0 d
		5.4535	529712.7	183607.1	19.5	0	0	0	0 d
		5.9493	529713.1	183607.4	19.5	0	0	0	0 d
		6.445	529713.5	183607.6	19.5	0	0	0	0 d
		6.9408	529713.9	183607.9	19.5	0	0	0	0 d
		7.4366	529714.3	183608.2	19.5	0	0	0	0 d
		7.9324	529714.7	183608.5	19.5	0	0	0	0 d
		8.4281	529715.1	183608.7	19.5	0	0	0	0 d
		8.9239	529715.5	183609	19.5	0	0	0	0 d
28	28 Shallow	0	529708.2	183604	19.5	0	0	0	0 d
		0.50258	529708.4	183603.6	19.5	0	0	0	0 d
		1.0052	529708.7	183603.2	19.5	0	0	0	0 d
		1.5077	529709	183602.8	19.5	0	0	0	0 d
		2.0103	529709.3	183602.4	19.5	0	0	0	0 d
		2.5129	529709.5	183601.9	19.5	0	0	0	0 d
		3.0155	529709.8	183601.5	19.5	0	0	0	0 d
		3.5181	529710.1	183601.1	19.5	0	0	0	0 d
		4.0207	529710.4	183600.7	19.5	0	0	0	0 d
		4.5232	529710.7	183600.3	19.5	0	0	0	0 d
		5.0258	529710.9	183599.8	19.5	0	0	0	0 d
		5.5284	529711.2	183599.4	19.5	0	0	0	0 d
		6.031	529711.5	183599	19.5	0	0	0	0 d
		6.5336	529711.8	183598.6	19.5	0	0	0	0 d
		7.0361	529712	183598.2	19.5	0	0	0	0 d
		7.5387	529712.3	183597.7	19.5	0	0	0	0 d
		8.0413	529712.6	183597.3	19.5	0	0	0	0 d
		8.5439	529712.9	183596.9	19.5	0	0	0	0 d
		9.0465	529713.2	183596.5	19.5	0	0	0	0 d
		9.5491	529713.4	183596.1	19.5	0	0	0	0 d
		10.052	529713.7	183595.7	19.5	0	0	0	0 d
		10.554	529714	183595.2	19.5	0	0	0	0 d

			11.057	529714.3	183594.8	19.5	0	0	0	0 d
			11.559	529714.6	183594.4	19.5	0	0	0	0 d
			12.062	529714.8	183594	19.5	0	0	0	0 d
			12.565	529715.1	183593.6	19.5	0	0	0	0 d
			13.067	529715.4	183593.1	19.5	0	0	0	0 d
			13.57	529715.7	183592.7	19.5	0	0	0	0 d
			14.072	529715.9	183592.3	19.5	0	0	0	0 d
			14.575	529716.2	183591.9	19.5	0	0	0	0 d
			15.077	529716.5	183591.5	19.5	0	0	0	0 d
			15.58	529716.8	183591	19.5	0	0	0	0 d
			16.083	529717.1	183590.6	19.5	0	0	0	0 d
			16.585	529717.3	183590.2	19.5	0	0	0	0 d
			17.088	529717.6	183589.8	19.5	0	0	0	0 d
			17.59	529717.9	183589.4	19.5	0	0	0	0 d
			18.093	529718.2	183589	19.5	0	0	0	0 d
			18.596	529718.4	183588.5	19.5	0	0	0	0 d
			19.098	529718.7	183588.1	19.5	0	0	0	0 d
			19.601	529719	183587.7	19.5	0	0	0	0 d
			20.103	529719.3	183587.3	19.5	0	0	0	0 d
			20.606	529719.6	183586.9	19.5	0	0	0	0 d
			21.108	529719.8	183586.4	19.5	0	0	0	0 d
			21.611	529720.1	183586	19.5	0	0	0	0 d
			22.114	529720.4	183585.6	19.5	0	0	0	0 d
			22.616	529720.7	183585.2	19.5	0	0	0	0 d
			23.119	529720.9	183584.8	19.5	0	0	0	0 d
			23.621	529721.2	183584.4	19.5	0	0	0	0 d
			24.124	529721.5	183583.9	19.5	0	0	0	0 d
			24.627	529721.8	183583.5	19.5	0	0	0	0 d
			25.129	529722.1	183583.1	19.5	0	0	0	0 d
			25.632	529722.3	183582.7	19.5	0	0	0	0 d
			26.134	529722.6	183582.3	19.5	0	0	0	0 d
			26.637	529722.9	183581.8	19.5	0	0	0	0 d
			27.139	529723.2	183581.4	19.5	0	0	0	0 d
			27.642	529723.4	183581	19.5	0	0	0	0 d
			28.145	529723.7	183580.6	19.5	0	0	0	0 d
			28.647	529724	183580.2	19.5	0	0	0	0 d
			29.15	529724.3	183579.7	19.5	0	0	0	0 d
			29.652	529724.6	183579.3	19.5	0	0	0	0 d
			30.155	529724.8	183578.9	19.5	0	0	0	0 d
			30.657	529725.1	183578.5	19.5	0	0	0	0 d
			31.16	529725.4	183578.1	19.5	0	0	0	0 d
			31.663	529725.7	183577.7	19.5	0	0	0	0 d
			32.165	529726	183577.2	19.5	0	0	0	0 d
			32.668	529726.2	183576.8	19.5	0	0	0	0 d
			33.17	529726.5	183576.4	19.5	0	0	0	0 d
			33.673	529726.8	183576	19.5	0	0	0	0 d
			34.176	529727.1	183575.6	19.5	0	0	0	0 d
			34.678	529727.3	183575.1	19.5	0	0	0	0 d
			35.181	529727.6	183574.7	19.5	0	0	0	0 d
			35.683	529727.9	183574.3	19.5	0	0	0	0 d
			36.186	529728.2	183573.9	19.5	0	0	0	0 d
			36.688	529728.5	183573.5	19.5	0	0	0	0 d
29	29	Shallow	0	529715.5	183609	19.5	0	0	0	0 d
			0.50112	529715.8	183608.6	19.5	0	0	0	0 d
			1.0022	529716.1	183608.2	19.5	0	0	0	0 d
			1.5034	529716.4	183607.8	19.5	0	0	0	0 d
			2.0045	529716.6	183607.3	19.5	0	0	0	0 d
			2.5056	529716.9	183606.9	19.5	0	0	0	0 d
			3.0067	529717.2	183606.5	19.5	0	0	0	0 d
			3.5079	529717.4	183606.1	19.5	0	0	0	0 d
			4.009	529717.7	183605.6	19.5	0	0	0	0 d
			4.5101	529718	183605.2	19.5	0	0	0	0 d
			5.0112	529718.2	183604.8	19.5	0	0	0	0 d
			5.5124	529718.5	183604.4	19.5	0	0	0	0 d
			6.0135	529718.8	183603.9	19.5	0	0	0	0 d
			6.5146	529719	183603.5	19.5	0	0	0	0 d
			7.0157	529719.3	183603.1	19.5	0	0	0	0 d
			7.5169	529719.6	183602.7	19.5	0	0	0	0 d
			8.018	529719.9	183602.3	19.5	0	0	0	0 d
			8.5191	529720.1	183601.8	19.5	0	0	0	0 d
			9.0202	529720.4	183601.4	19.5	0	0	0	0 d
			9.5213	529720.7	183601	19.5	0	0	0	0 d
			10.022	529720.9	183600.6	19.5	0	0	0	0 d
			10.524	529721.2	183600.1	19.5	0	0	0	0 d
			11.025	529721.5	183599.7	19.5	0	0	0	0 d
			11.526	529721.7	183599.3	19.5	0	0	0	0 d
			12.027	529722	183598.9	19.5	0	0	0	0 d
			12.528	529722.3	183598.5	19.5	0	0	0	0 d
			13.029	529722.6	183598	19.5	0	0	0	0 d
			13.53	529722.8	183597.6	19.5	0	0	0	0 d
			14.031	529723.1	183597.2	19.5	0	0	0	0 d
			14.533	529723.4	183596.8	19.5	0	0	0	0 d
			15.034	529723.6	183596.3	19.5	0	0	0	0 d
			15.535	529723.9	183595.9	19.5	0	0	0	0 d
			16.036	529724.2	183595.5	19.5	0	0	0	0 d
			16.537	529724.4	183595.1	19.5	0	0	0	0 d
			17.038	529724.7	183594.7	19.5	0	0	0	0 d
			17.539	529725	183594.2	19.5	0	0	0	0 d
			18.04	529725.2	183593.8	19.5	0	0	0	0 d
			18.542	529725.5	183593.4	19.5	0	0	0	0 d
			19.043	529725.8	183593	19.5	0	0	0	0 d
			19.544	529726.1	183592.5	19.5	0	0	0	0 d
			20.045	529726.3	183592.1	19.5	0	0	0	0 d
			20.546	529726.6	183591.7	19.5	0	0	0	0 d
			21.047	529726.9	183591.3	19.5	0	0	0	0 d
			21.548	529727.1	183590.8	19.5	0	0	0	0 d
			22.049	529727.4	183590.4	19.5	0	0	0	0 d
			22.551	529727.7	183590	19.5	0	0	0	0 d
			23.052	529727.9	183589.6	19.5	0	0	0	0 d
			23.553	529728.2	183589.2	19.5	0	0	0	0 d
			24.054	529728.5	183588.7	19.5	0	0	0	0 d
			24.555	529728.7	183588.3	19.5	0	0	0	0 d
			25.056	529729	183587.9	19.5	0	0	0	0 d
			25.557	529729.3	183587.5	19.5	0	0	0	0 d
			26.058	529729.6	183587	19.5	0	0	0	0 d
			26.56	529729.8	183586.6	19.5	0	0	0	0 d
			27.061	529730.1	183586.2	19.5	0	0	0	0 d
			27.562	529730.4	183585.8	19.5	0	0	0	0 d
			28.063	529730.6	183585.4	19.5	0	0	0	0 d
			28.564	529730.9	183584.9	19.5	0	0	0	0 d
			29.065	529731.2	183584.5	19.5	0	0	0	0 d
			29.566	529731.4	183584.1	19.5	0	0	0	0 d
			30.067	529731.7	183583.7	19.5	0	0	0	0 d
			30.569	529732	183583.2	19.5	0	0	0	0 d
			31.07	529732.2	183582.8	19.5	0	0	0	0 d
			31.571	529732.5	183582.4	19.5	0	0	0	0 d
			32.072	529732.8	183582	19.5	0	0	0	0 d
			32.573	529733.1	183581.6	19.5	0	0	0	0 d
			33.074	529733.3	183581.1	19.5	0	0	0	0 d
			33.575	529733.6	183580.7	19.5	0	0	0	0 d
			34.076	529733.9	183580.3	19.5	0	0	0	0 d
			34.578	529734.1	183579.9	19.5	0	0	0	0 d

		35.079	529734.4	183579.4	19.5	0	0	0	0 d
		35.58	529734.7	183579	19.5	0	0	0	0 d
		36.081	529734.9	183578.6	19.5	0	0	0	0 d
		36.582	529735.2	183578.2	19.5	0	0	0	0 d
30	30 Shallow	0	529728.5	183573.5	19.5	0	0	0	0 d
		0.51423	529728.9	183573.8	19.5	0	0	0	0 d
		1.0285	529729.3	183574.1	19.5	0	0	0	0 d
		1.5427	529729.7	183574.3	19.5	0	0	0	0 d
		2.0569	529730.1	183574.6	19.5	0	0	0	0 d
		2.5711	529730.6	183574.9	19.5	0	0	0	0 d
		3.0854	529731	183575.2	19.5	0	0	0	0 d
		3.5996	529731.4	183575.5	19.5	0	0	0	0 d
		4.1138	529731.8	183575.8	19.5	0	0	0	0 d
		4.6281	529732.3	183576.1	19.5	0	0	0	0 d
		5.1423	529732.7	183576.4	19.5	0	0	0	0 d
		5.6565	529733.1	183576.7	19.5	0	0	0	0 d
		6.1707	529733.5	183577	19.5	0	0	0	0 d
		6.685	529733.9	183577.3	19.5	0	0	0	0 d
		7.1992	529734.4	183577.6	19.5	0	0	0	0 d
		7.7134	529734.8	183577.9	19.5	0	0	0	0 d
		8.2276	529735.2	183578.2	19.5	0	0	0	0 d
31	31 Shallow	0	529718	183610.8	20.5	0	0	0	0 d
		0.50182	529718.5	183611.1	20.5	0	0	0	0 d
		1.0036	529718.9	183611.4	20.5	0	0	0	0 d
		1.5055	529719.3	183611.7	20.5	0	0	0	0 d
		2.0073	529719.7	183611.9	20.5	0	0	0	0 d
		2.5091	529720.1	183612.2	20.5	0	0	0	0 d
		3.0109	529720.6	183612.5	20.5	0	0	0	0 d
		3.5127	529721	183612.8	20.5	0	0	0	0 d
		4.0146	529721.4	183613	20.5	0	0	0	0 d
		4.5164	529721.8	183613.3	20.5	0	0	0	0 d
		5.0182	529722.2	183613.6	20.5	0	0	0	0 d
		5.52	529722.7	183613.9	20.5	0	0	0	0 d
		6.0218	529723.1	183614.1	20.5	0	0	0	0 d
		6.5237	529723.5	183614.4	20.5	0	0	0	0 d
		7.0255	529723.9	183614.7	20.5	0	0	0	0 d
		7.5273	529724.3	183615	20.5	0	0	0	0 d
		8.0291	529724.8	183615.2	20.5	0	0	0	0 d
		8.5309	529725.2	183615.5	20.5	0	0	0	0 d
		9.0328	529725.6	183615.8	20.5	0	0	0	0 d
		9.5346	529726	183616.1	20.5	0	0	0	0 d
		10.036	529726.4	183616.3	20.5	0	0	0	0 d
		10.538	529726.9	183616.6	20.5	0	0	0	0 d
		11.04	529727.3	183616.9	20.5	0	0	0	0 d
		11.542	529727.7	183617.1	20.5	0	0	0	0 d
		12.044	529728.1	183617.4	20.5	0	0	0	0 d
		12.546	529728.5	183617.7	20.5	0	0	0	0 d
		13.047	529729	183618	20.5	0	0	0	0 d
		13.549	529729.4	183618.2	20.5	0	0	0	0 d
		14.051	529729.8	183618.5	20.5	0	0	0	0 d
		14.553	529730.2	183618.8	20.5	0	0	0	0 d
		15.055	529730.6	183619.1	20.5	0	0	0	0 d
		15.556	529731.1	183619.3	20.5	0	0	0	0 d
		16.058	529731.5	183619.6	20.5	0	0	0	0 d
		16.56	529731.9	183619.9	20.5	0	0	0	0 d
		17.062	529732.3	183620.2	20.5	0	0	0	0 d
		17.564	529732.7	183620.4	20.5	0	0	0	0 d
		18.066	529733.2	183620.7	20.5	0	0	0	0 d
		18.567	529733.6	183621	20.5	0	0	0	0 d
		19.069	529734	183621.3	20.5	0	0	0	0 d
		19.571	529734.4	183621.5	20.5	0	0	0	0 d
		20.073	529734.8	183621.8	20.5	0	0	0	0 d
		20.575	529735.3	183622.1	20.5	0	0	0	0 d
		21.076	529735.7	183622.4	20.5	0	0	0	0 d
		21.578	529736.1	183622.6	20.5	0	0	0	0 d
		22.08	529736.5	183622.9	20.5	0	0	0	0 d
		22.582	529736.9	183623.2	20.5	0	0	0	0 d
		23.084	529737.4	183623.5	20.5	0	0	0	0 d
		23.586	529737.8	183623.7	20.5	0	0	0	0 d
		24.087	529738.2	183624	20.5	0	0	0	0 d
		24.589	529738.6	183624.3	20.5	0	0	0	0 d
		25.091	529739.1	183624.5	20.5	0	0	0	0 d
		25.593	529739.5	183624.8	20.5	0	0	0	0 d
		26.095	529739.9	183625.1	20.5	0	0	0	0 d
		26.596	529740.3	183625.4	20.5	0	0	0	0 d
		27.098	529740.7	183625.6	20.5	0	0	0	0 d
		27.6	529741.2	183625.9	20.5	0	0	0	0 d
		28.102	529741.6	183626.2	20.5	0	0	0	0 d
		28.604	529742	183626.5	20.5	0	0	0	0 d
		29.106	529742.4	183626.7	20.5	0	0	0	0 d
		29.607	529742.8	183627	20.5	0	0	0	0 d
		30.109	529743.3	183627.3	20.5	0	0	0	0 d
		30.611	529743.7	183627.6	20.5	0	0	0	0 d
		31.113	529744.1	183627.8	20.5	0	0	0	0 d
		31.615	529744.5	183628.1	20.5	0	0	0	0 d
		32.117	529744.9	183628.4	20.5	0	0	0	0 d
		32.618	529745.4	183628.7	20.5	0	0	0	0 d
		33.12	529745.8	183628.9	20.5	0	0	0	0 d
		33.622	529746.2	183629.2	20.5	0	0	0	0 d
		34.124	529746.6	183629.5	20.5	0	0	0	0 d
		34.626	529747	183629.8	20.5	0	0	0	0 d
		35.127	529747.5	183630	20.5	0	0	0	0 d
		35.629	529747.9	183630.3	20.5	0	0	0	0 d
		36.131	529748.3	183630.6	20.5	0	0	0	0 d
		36.633	529748.7	183630.9	20.5	0	0	0	0 d
		37.135	529749.1	183631.1	20.5	0	0	0	0 d
		37.637	529749.6	183631.4	20.5	0	0	0	0 d
		38.138	529750	183631.7	20.5	0	0	0	0 d
		38.64	529750.4	183632	20.5	0	0	0	0 d
		39.142	529750.8	183632.2	20.5	0	0	0	0 d
		39.644	529751.2	183632.5	20.5	0	0	0	0 d
		40.146	529751.7	183632.8	20.5	0	0	0	0 d
		40.647	529752.1	183633	20.5	0	0	0	0 d
		41.149	529752.5	183633.3	20.5	0	0	0	0 d
		41.651	529752.9	183633.6	20.5	0	0	0	0 d
		42.153	529753.3	183633.9	20.5	0	0	0	0 d
		42.655	529753.8	183634.1	20.5	0	0	0	0 d
32	32 Shallow	0	529718	183610.8	20.5	0	0	0	0 d
		0.49682	529718.3	183610.4	20.5	0	0	0	0 d
		0.99363	529718.6	183610	20.5	0	0	0	0 d
		1.4904	529718.9	183609.6	20.5	0	0	0	0 d
		1.9873	529719.1	183609.2	20.5	0	0	0	0 d
		2.4841	529719.4	183608.8	20.5	0	0	0	0 d
		2.9809	529719.7	183608.4	20.5	0	0	0	0 d
		3.4777	529720	183607.9	20.5	0	0	0	0 d
		3.9745	529720.2	183607.5	20.5	0	0	0	0 d
		4.4713	529720.5	183607.1	20.5	0	0	0	0 d
		4.9682	529720.8	183606.7	20.5	0	0	0	0 d
		5.465	529721.1	183606.3	20.5	0	0	0	0 d
		5.9618	529721.3	183605.9	20.5	0	0	0	0 d
		6.4586	529721.6	183605.5	20.5	0	0	0	0 d
		6.9554	529721.9	183605	20.5	0	0	0	0 d

		7.4522	529722.2	183604.6	20.5	0	0	0	0 d
		7.949	529722.4	183604.2	20.5	0	0	0	0 d
		8.4459	529722.7	183603.8	20.5	0	0	0	0 d
		8.9427	529723	183603.4	20.5	0	0	0	0 d
		9.4395	529723.2	183603	20.5	0	0	0	0 d
		9.9363	529723.5	183602.6	20.5	0	0	0	0 d
		10.433	529723.8	183602.1	20.5	0	0	0	0 d
33	33 Shallow	0	529723.8	183602.1	20.5	0	0	0	0 d
		0.51275	529724.2	183602.4	20.5	0	0	0	0 d
		1.0255	529724.6	183602.7	20.5	0	0	0	0 d
		1.5383	529725.1	183603	20.5	0	0	0	0 d
		2.051	529725.5	183603.3	20.5	0	0	0	0 d
		2.5638	529725.9	183603.6	20.5	0	0	0	0 d
		3.0765	529726.3	183603.9	20.5	0	0	0	0 d
		3.5893	529726.8	183604.2	20.5	0	0	0	0 d
		4.102	529727.2	183604.4	20.5	0	0	0	0 d
		4.6148	529727.6	183604.7	20.5	0	0	0	0 d
		5.1275	529728	183605	20.5	0	0	0	0 d
		5.6403	529728.5	183605.3	20.5	0	0	0	0 d
		6.1531	529728.9	183605.6	20.5	0	0	0	0 d
		6.6658	529729.3	183605.9	20.5	0	0	0	0 d
		7.1786	529729.7	183606.2	20.5	0	0	0	0 d
		7.6913	529730.2	183606.5	20.5	0	0	0	0 d
		8.2041	529730.6	183606.7	20.5	0	0	0	0 d
		8.7168	529731	183607	20.5	0	0	0	0 d
		9.2296	529731.4	183607.3	20.5	0	0	0	0 d
34	34 Shallow	0	529731.4	183607.3	20.5	0	0	0	0 d
		0.50313	529731.7	183606.9	20.5	0	0	0	0 d
		1.0063	529732	183606.5	20.5	0	0	0	0 d
		1.5094	529732.3	183606	20.5	0	0	0	0 d
		2.0125	529732.5	183605.6	20.5	0	0	0	0 d
		2.5157	529732.8	183605.2	20.5	0	0	0	0 d
		3.0188	529733.1	183604.8	20.5	0	0	0	0 d
		3.5219	529733.3	183604.3	20.5	0	0	0	0 d
		4.0251	529733.6	183603.9	20.5	0	0	0	0 d
		4.5282	529733.9	183603.5	20.5	0	0	0	0 d
		5.0313	529734.2	183603.1	20.5	0	0	0	0 d
		5.5345	529734.4	183602.7	20.5	0	0	0	0 d
		6.0376	529734.7	183602.2	20.5	0	0	0	0 d
		6.5407	529735	183601.8	20.5	0	0	0	0 d
		7.0439	529735.2	183601.4	20.5	0	0	0	0 d
		7.547	529735.5	183601	20.5	0	0	0	0 d
		8.0501	529735.8	183600.5	20.5	0	0	0	0 d
		8.5533	529736	183600.1	20.5	0	0	0	0 d
		9.0564	529736.3	183599.7	20.5	0	0	0	0 d
		9.5595	529736.6	183599.3	20.5	0	0	0	0 d
		10.063	529736.9	183598.8	20.5	0	0	0	0 d
		10.566	529737.1	183598.4	20.5	0	0	0	0 d
		11.069	529737.4	183598	20.5	0	0	0	0 d
		11.572	529737.7	183597.6	20.5	0	0	0	0 d
		12.075	529737.9	183597.1	20.5	0	0	0	0 d
		12.578	529738.2	183596.7	20.5	0	0	0	0 d
		13.081	529738.5	183596.3	20.5	0	0	0	0 d
		13.585	529738.8	183595.9	20.5	0	0	0	0 d
		14.088	529739	183595.4	20.5	0	0	0	0 d
		14.591	529739.3	183595	20.5	0	0	0	0 d
		15.094	529739.6	183594.6	20.5	0	0	0	0 d
		15.597	529739.8	183594.2	20.5	0	0	0	0 d
		16.1	529740.1	183593.8	20.5	0	0	0	0 d
		16.603	529740.4	183593.3	20.5	0	0	0	0 d
		17.107	529740.7	183592.9	20.5	0	0	0	0 d
		17.61	529740.9	183592.5	20.5	0	0	0	0 d
		18.113	529741.2	183592.1	20.5	0	0	0	0 d
		18.616	529741.5	183591.6	20.5	0	0	0	0 d
		19.119	529741.7	183591.2	20.5	0	0	0	0 d
		19.622	529742	183590.8	20.5	0	0	0	0 d
		20.125	529742.3	183590.4	20.5	0	0	0	0 d
		20.628	529742.6	183589.9	20.5	0	0	0	0 d
		21.132	529742.8	183589.5	20.5	0	0	0	0 d
		21.635	529743.1	183589.1	20.5	0	0	0	0 d
		22.138	529743.4	183588.7	20.5	0	0	0	0 d
		22.641	529743.6	183588.2	20.5	0	0	0	0 d
		23.144	529743.9	183587.8	20.5	0	0	0	0 d
		23.647	529744.2	183587.4	20.5	0	0	0	0 d
		24.15	529744.4	183587	20.5	0	0	0	0 d
		24.654	529744.7	183586.5	20.5	0	0	0	0 d
		25.157	529745	183586.1	20.5	0	0	0	0 d
		25.66	529745.3	183585.7	20.5	0	0	0	0 d
		26.163	529745.5	183585.3	20.5	0	0	0	0 d
		26.666	529745.8	183584.8	20.5	0	0	0	0 d
		27.169	529746.1	183584.4	20.5	0	0	0	0 d
		27.672	529746.3	183584	20.5	0	0	0	0 d
		28.175	529746.6	183583.6	20.5	0	0	0	0 d
35	35 Shallow	0	529746.6	183583.6	20.5	0	0	0	0 d
		0.50586	529747	183583.8	20.5	0	0	0	0 d
		1.0117	529747.5	183584.1	20.5	0	0	0	0 d
		1.5176	529747.9	183584.4	20.5	0	0	0	0 d
		2.0234	529748.3	183584.6	20.5	0	0	0	0 d
		2.5293	529748.8	183584.9	20.5	0	0	0	0 d
		3.0352	529749.2	183585.2	20.5	0	0	0	0 d
		3.541	529749.6	183585.4	20.5	0	0	0	0 d
		4.0469	529750.1	183585.7	20.5	0	0	0	0 d
		4.5527	529750.5	183586	20.5	0	0	0	0 d
		5.0586	529750.9	183586.2	20.5	0	0	0	0 d
		5.5644	529751.4	183586.5	20.5	0	0	0	0 d
		6.0703	529751.8	183586.7	20.5	0	0	0	0 d
		6.5762	529752.2	183587	20.5	0	0	0	0 d
		7.082	529752.7	183587.3	20.5	0	0	0	0 d
		7.5879	529753.1	183587.5	20.5	0	0	0	0 d
		8.0937	529753.5	183587.8	20.5	0	0	0	0 d
		8.5996	529753.9	183588.1	20.5	0	0	0	0 d
		9.1055	529754.4	183588.3	20.5	0	0	0	0 d
		9.6113	529754.8	183588.6	20.5	0	0	0	0 d
		10.117	529755.2	183588.9	20.5	0	0	0	0 d
		10.623	529755.7	183589.1	20.5	0	0	0	0 d
		11.129	529756.1	183589.4	20.5	0	0	0	0 d
		11.635	529756.5	183589.7	20.5	0	0	0	0 d
		12.141	529757	183589.9	20.5	0	0	0	0 d
36	36 Shallow	0	529757	183589.9	20.5	0	0	0	0 d
		0.49823	529756.7	183590.3	20.5	0	0	0	0 d
		0.99647	529756.4	183590.8	20.5	0	0	0	0 d
		1.4947	529756.2	183591.2	20.5	0	0	0	0 d
		1.9929	529755.9	183591.6	20.5	0	0	0	0 d
		2.4912	529755.6	183592	20.5	0	0	0	0 d
		2.9894	529755.4	183592.4	20.5	0	0	0	0 d
		3.4876	529755.1	183592.9	20.5	0	0	0	0 d
		3.9859	529754.8	183593.3	20.5	0	0	0	0 d
		4.4841	529754.6	183593.7	20.5	0	0	0	0 d
		4.9823	529754.3	183594.1	20.5	0	0	0	0 d
		5.4806	529754	183594.5	20.5	0	0	0	0 d
		5.9788	529753.8	183595	20.5	0	0	0	0 d
		6.477	529753.5	183595.4	20.5	0	0	0	0 d

		6.9753	529753.2	183595.8	20.5	0	0	0	0	d
		7.4735	529752.9	183596.2	20.5	0	0	0	0	d
		7.9717	529752.7	183596.6	20.5	0	0	0	0	d
		8.47	529752.4	183597.1	20.5	0	0	0	0	d
		8.9682	529752.1	183597.5	20.5	0	0	0	0	d
		9.4664	529751.9	183597.9	20.5	0	0	0	0	d
		9.9647	529751.6	183598.3	20.5	0	0	0	0	d
		10.463	529751.3	183598.7	20.5	0	0	0	0	d
		10.961	529751.1	183599.2	20.5	0	0	0	0	d
		11.459	529750.8	183599.6	20.5	0	0	0	0	d
		11.958	529750.5	183600	20.5	0	0	0	0	d
		12.456	529750.3	183600.4	20.5	0	0	0	0	d
		12.954	529750	183600.8	20.5	0	0	0	0	d
		13.452	529749.7	183601.3	20.5	0	0	0	0	d
		13.951	529749.5	183601.7	20.5	0	0	0	0	d
		14.449	529749.2	183602.1	20.5	0	0	0	0	d
		14.947	529748.9	183602.5	20.5	0	0	0	0	d
		15.445	529748.7	183602.9	20.5	0	0	0	0	d
		15.943	529748.4	183603.4	20.5	0	0	0	0	d
		16.442	529748.1	183603.8	20.5	0	0	0	0	d
		16.94	529747.9	183604.2	20.5	0	0	0	0	d
		17.438	529747.6	183604.6	20.5	0	0	0	0	d
		17.936	529747.3	183605	20.5	0	0	0	0	d
		18.435	529747.1	183605.5	20.5	0	0	0	0	d
		18.933	529746.8	183605.9	20.5	0	0	0	0	d
		19.431	529746.5	183606.3	20.5	0	0	0	0	d
		19.929	529746.2	183606.7	20.5	0	0	0	0	d
		20.428	529746	183607.1	20.5	0	0	0	0	d
		20.926	529745.7	183607.6	20.5	0	0	0	0	d
		21.424	529745.4	183608	20.5	0	0	0	0	d
		21.922	529745.2	183608.4	20.5	0	0	0	0	d
		22.421	529744.9	183608.8	20.5	0	0	0	0	d
		22.919	529744.6	183609.2	20.5	0	0	0	0	d
		23.417	529744.4	183609.7	20.5	0	0	0	0	d
		23.915	529744.1	183610.1	20.5	0	0	0	0	d
		24.413	529743.8	183610.5	20.5	0	0	0	0	d
		24.912	529743.6	183610.9	20.5	0	0	0	0	d
		25.41	529743.3	183611.3	20.5	0	0	0	0	d
		25.908	529743	183611.8	20.5	0	0	0	0	d
		26.406	529742.8	183612.2	20.5	0	0	0	0	d
		26.905	529742.5	183612.6	20.5	0	0	0	0	d
37	37 Shallow	0	529742.5	183612.6	20.5	0	0	0	0	d
		0.49862	529742.9	183612.9	20.5	0	0	0	0	d
		0.99724	529743.3	183613.1	20.5	0	0	0	0	d
		1.4959	529743.8	183613.4	20.5	0	0	0	0	d
		1.9945	529744.2	183613.7	20.5	0	0	0	0	d
		2.4931	529744.6	183613.9	20.5	0	0	0	0	d
		2.9917	529745	183614.2	20.5	0	0	0	0	d
		3.4903	529745.5	183614.4	20.5	0	0	0	0	d
		3.9889	529745.9	183614.7	20.5	0	0	0	0	d
		4.4876	529746.3	183615	20.5	0	0	0	0	d
		4.9862	529746.7	183615.2	20.5	0	0	0	0	d
		5.4848	529747.2	183615.5	20.5	0	0	0	0	d
		5.9834	529747.6	183615.8	20.5	0	0	0	0	d
		6.482	529748	183616	20.5	0	0	0	0	d
		6.9807	529748.4	183616.3	20.5	0	0	0	0	d
		7.4793	529748.9	183616.5	20.5	0	0	0	0	d
		7.9779	529749.3	183616.8	20.5	0	0	0	0	d
		8.4765	529749.7	183617.1	20.5	0	0	0	0	d
		8.9751	529750.1	183617.3	20.5	0	0	0	0	d
		9.4737	529750.6	183617.6	20.5	0	0	0	0	d
		9.9724	529751	183617.9	20.5	0	0	0	0	d
		10.471	529751.4	183618.1	20.5	0	0	0	0	d
		10.97	529751.8	183618.4	20.5	0	0	0	0	d
		11.468	529752.2	183618.6	20.5	0	0	0	0	d
		11.967	529752.7	183618.9	20.5	0	0	0	0	d
		12.465	529753.1	183619.2	20.5	0	0	0	0	d
		12.964	529753.5	183619.4	20.5	0	0	0	0	d
		13.463	529753.9	183619.7	20.5	0	0	0	0	d
		13.961	529754.4	183620	20.5	0	0	0	0	d
		14.46	529754.8	183620.2	20.5	0	0	0	0	d
		14.959	529755.2	183620.5	20.5	0	0	0	0	d
		15.457	529755.6	183620.7	20.5	0	0	0	0	d
		15.956	529756.1	183621	20.5	0	0	0	0	d
		16.454	529756.5	183621.3	20.5	0	0	0	0	d
		16.953	529756.9	183621.5	20.5	0	0	0	0	d
		17.452	529757.3	183621.8	20.5	0	0	0	0	d
		17.95	529757.8	183622.1	20.5	0	0	0	0	d
		18.449	529758.2	183622.3	20.5	0	0	0	0	d
		18.947	529758.6	183622.6	20.5	0	0	0	0	d
		19.446	529759	183622.8	20.5	0	0	0	0	d
		19.945	529759.5	183623.1	20.5	0	0	0	0	d
		20.443	529759.9	183623.4	20.5	0	0	0	0	d
		20.942	529760.3	183623.6	20.5	0	0	0	0	d
		21.441	529760.7	183623.9	20.5	0	0	0	0	d
38	38 Shallow	0	529760.7	183623.9	20.5	0	0	0	0	d
		0.49588	529760.5	183624.3	20.5	0	0	0	0	d
		0.99175	529760.2	183624.7	20.5	0	0	0	0	d
		1.4876	529759.9	183625.1	20.5	0	0	0	0	d
		1.9835	529759.6	183625.5	20.5	0	0	0	0	d
		2.4794	529759.3	183625.9	20.5	0	0	0	0	d
		2.9753	529759.1	183626.4	20.5	0	0	0	0	d
		3.4711	529758.8	183626.8	20.5	0	0	0	0	d
		3.967	529758.5	183627.2	20.5	0	0	0	0	d
		4.4629	529758.2	183627.6	20.5	0	0	0	0	d
		4.9588	529757.9	183628	20.5	0	0	0	0	d
		5.4546	529757.7	183628.4	20.5	0	0	0	0	d
		5.9505	529757.4	183628.8	20.5	0	0	0	0	d
		6.4464	529757.1	183629.2	20.5	0	0	0	0	d
		6.9423	529756.8	183629.6	20.5	0	0	0	0	d
		7.4382	529756.5	183630	20.5	0	0	0	0	d
		7.934	529756.3	183630.5	20.5	0	0	0	0	d
		8.4299	529756	183630.9	20.5	0	0	0	0	d
		8.9258	529755.7	183631.3	20.5	0	0	0	0	d
		9.4217	529755.4	183631.7	20.5	0	0	0	0	d
		9.9175	529755.2	183632.1	20.5	0	0	0	0	d
		10.413	529754.9	183632.5	20.5	0	0	0	0	d
		10.909	529754.6	183632.9	20.5	0	0	0	0	d
		11.405	529754.3	183633.3	20.5	0	0	0	0	d
		11.901	529754	183633.7	20.5	0	0	0	0	d
		12.397	529753.8	183634.1	20.5	0	0	0	0	d
39	39 Shallow	0	529690.6	183644	20.5	-39.416	-3.2054	-35.056	18.302	d
		0.49331	529691	183644.2	20.5	-38.63	-3.1415	-34.357	17.937	d
		0.98662	529691.4	183644.5	20.5	-37.853	-3.0783	-33.666	17.577	d
		1.4799	529691.8	183644.8	20.5	-37.085	-3.0158	-32.983	17.22	d
		1.9732	529692.3	183645	20.5	-36.325	-2.954	-32.307	16.867	d
		2.4665	529692.7	183645.3	20.5	-35.574	-2.8929	-31.639	16.518	d
		2.9599	529693.1	183645.6	20.5	-34.83	-2.8324	-30.978	16.173	d
		3.4532	529693.5	183645.8	20.5	-34.095	-2.7726	-30.324	15.832	d
		3.9465	529693.9	183646.1	20.5	-33.368	-2.7135	-29.677	15.494	d
		4.4398	529694.3	183646.3	20.5	-32.648	-2.655	-29.037	15.16	d
		4.9331	529694.8	183646.6	20.5	-31.936	-2.5971	-28.404	14.829	d

		5.4264	529695.2	183646.9	20.5	-31.232	-2.5398	-27.777	14.502 d
		5.9197	529695.6	183647.1	20.5	-30.534	-2.4831	-27.157	14.178 d
		6.413	529696	183647.4	20.5	-29.844	-2.4269	-26.543	13.857 d
		6.9063	529696.4	183647.7	20.5	-29.16	-2.3713	-25.935	13.54 d
		7.3996	529696.9	183647.9	20.5	-28.483	-2.3163	-25.333	13.226 d
		7.8929	529697.3	183648.2	20.5	-27.813	-2.2618	-24.737	12.915 d
		8.3863	529697.7	183648.4	20.5	-27.149	-2.2078	-24.146	12.606 d
		8.8796	529698.1	183648.7	20.5	-26.492	-2.1543	-23.561	12.301 d
		9.3729	529698.5	183649	20.5	-25.84	-2.1013	-22.982	11.998 d
		9.8662	529698.9	183649.2	20.5	-25.194	-2.0488	-22.407	11.699 d
		10.359	529699.4	183649.5	20.5	-24.554	-1.9968	-21.838	11.401 d
		10.853	529699.8	183649.8	20.5	-23.92	-1.9452	-21.274	11.107 d
		11.346	529700.2	183650	20.5	-23.291	-1.894	-20.715	10.815 d
		11.839	529700.6	183650.3	20.5	-22.667	-1.8433	-20.16	10.525 d
		12.333	529701	183650.5	20.5	-22.048	-1.793	-19.609	10.238 d
		12.826	529701.4	183650.8	20.5	-21.434	-1.7431	-19.063	9.9527 d
		13.319	529701.9	183651.1	20.5	-20.825	-1.6935	-18.522	9.6698 d
		13.813	529702.3	183651.3	20.5	-20.22	-1.6443	-17.984	9.389 d
		14.306	529702.7	183651.6	20.5	-19.62	-1.5955	-17.45	9.1103 d
		14.799	529703.1	183651.9	20.5	-19.024	-1.5471	-16.92	8.8335 d
		15.293	529703.5	183652.1	20.5	-18.432	-1.4989	-16.393	8.5587 d
40	40 Shallow	0	529690.6	183644	20.5	-39.416	-3.2054	-19.57	-34.365 d
		0.50049	529690.9	183643.6	20.5	0	0	0	0 d
		1.001	529691.2	183643.1	20.5	0	0	0	0 d
		1.5015	529691.4	183642.7	20.5	0	0	0	0 d
		2.002	529691.7	183642.3	20.5	0	0	0	0 d
		2.5024	529692	183641.9	20.5	0	0	0	0 d
		3.0029	529692.3	183641.5	20.5	0	0	0	0 d
		3.5034	529692.6	183641.1	20.5	0	0	0	0 d
		4.0039	529692.8	183640.7	20.5	0	0	0	0 d
		4.5044	529693.1	183640.3	20.5	0	0	0	0 d
		5.0049	529693.4	183639.8	20.5	0	0	0	0 d
		5.5054	529693.7	183639.4	20.5	0	0	0	0 d
		6.0059	529694	183639	20.5	0	0	0	0 d
		6.5064	529694.3	183638.6	20.5	0	0	0	0 d
		7.0069	529694.5	183638.2	20.5	0	0	0	0 d
		7.5073	529694.8	183637.8	20.5	0	0	0	0 d
		8.0078	529695.1	183637.4	20.5	0	0	0	0 d
		8.5083	529695.4	183636.9	20.5	0	0	0	0 d
		9.0088	529695.7	183636.5	20.5	0	0	0	0 d
		9.5093	529696	183636.1	20.5	0	0	0	0 d
		10.01	529696.2	183635.7	20.5	0	0	0	0 d
		10.51	529696.5	183635.3	20.5	0	0	0	0 d
		11.011	529696.8	183634.9	20.5	0	0	0	0 d
		11.511	529697.1	183634.5	20.5	0	0	0	0 d
		12.012	529697.4	183634.1	20.5	0	0	0	0 d
		12.512	529697.6	183633.6	20.5	0	0	0	0 d
		13.013	529697.9	183633.2	20.5	0	0	0	0 d
		13.513	529698.2	183632.8	20.5	0	0	0	0 d
		14.014	529698.5	183632.4	20.5	0	0	0	0 d
		14.514	529698.8	183632	20.5	0	0	0	0 d
		15.015	529699.1	183631.6	20.5	0	0	0	0 d
		15.515	529699.3	183631.2	20.5	0	0	0	0 d
		16.016	529699.6	183630.7	20.5	0	0	0	0 d
		16.516	529699.9	183630.3	20.5	0	0	0	0 d
		17.017	529700.2	183629.9	20.5	0	0	0	0 d
		17.517	529700.5	183629.5	20.5	0	0	0	0 d
		18.018	529700.7	183629.1	20.5	0	0	0	0 d
		18.518	529701	183628.7	20.5	0	0	0	0 d
		19.019	529701.3	183628.3	20.5	0	0	0	0 d
		19.519	529701.6	183627.9	20.5	0	0	0	0 d
		20.02	529701.9	183627.4	20.5	0	0	0	0 d
		20.52	529702.2	183627	20.5	0	0	0	0 d
		21.021	529702.4	183626.6	20.5	0	0	0	0 d
		21.521	529702.7	183626.2	20.5	0	0	0	0 d
		22.022	529703	183625.8	20.5	0	0	0	0 d
		22.522	529703.3	183625.4	20.5	0	0	0	0 d
		23.023	529703.6	183625	20.5	0	0	0	0 d
		23.523	529703.8	183624.5	20.5	0	0	0	0 d
		24.024	529704.1	183624.1	20.5	0	0	0	0 d
		24.524	529704.4	183623.7	20.5	0	0	0	0 d
		25.024	529704.7	183623.3	20.5	0	0	0	0 d
		25.525	529705	183622.9	20.5	0	0	0	0 d
		26.025	529705.3	183622.5	20.5	0	0	0	0 d
		26.526	529705.5	183622.1	20.5	0	0	0	0 d
		27.026	529705.8	183621.6	20.5	0	0	0	0 d
		27.527	529706.1	183621.2	20.5	0	0	0	0 d
		28.027	529706.4	183620.8	20.5	0	0	0	0 d
		28.528	529706.7	183620.4	20.5	0	0	0	0 d
		29.028	529707	183620	20.5	0	0	0	0 d
		29.529	529707.2	183619.6	20.5	0	0	0	0 d
		30.029	529707.5	183619.2	20.5	0	0	0	0 d
		30.53	529707.8	183618.8	20.5	0	0	0	0 d
		31.03	529708.1	183618.3	20.5	0	0	0	0 d
41	41 Shallow	0	529703.5	183652.1	20.5	-18.432	-1.4989	-8.7446	-16.295 d
		0.50181	529703.8	183651.7	20.5	-18.113	-1.4729	-8.593	-16.012 d
		1.0036	529704.1	183651.3	20.5	-17.794	-1.447	-8.4419	-15.731 d
		1.5054	529704.3	183650.9	20.5	-17.477	-1.4212	-8.2913	-15.45 d
		2.0072	529704.6	183650.4	20.5	-17.16	-1.3955	-8.1412	-15.171 d
		2.509	529704.9	183650	20.5	-16.845	-1.3699	-7.9917	-14.892 d
		3.0109	529705.2	183649.6	20.5	-16.531	-1.3443	-7.8426	-14.614 d
		3.5127	529705.4	183649.2	20.5	-16.218	-1.3188	-7.6939	-14.337 d
		4.0145	529705.7	183648.8	20.5	-15.905	-1.2934	-7.5458	-14.061 d
		4.5163	529706	183648.3	20.5	-15.594	-1.2681	-7.398	-13.786 d
		5.0181	529706.3	183647.9	20.5	-15.283	-1.2429	-7.2507	-13.511 d
		5.5199	529706.5	183647.5	20.5	-14.974	-1.2177	-7.1039	-13.237 d
		6.0217	529706.8	183647.1	20.5	-14.665	-1.1926	-6.9574	-12.964 d
		6.5235	529707.1	183646.6	20.5	-14.357	-1.1675	-6.8113	-12.692 d
		7.0253	529707.3	183646.2	20.5	-14.05	-1.1425	-6.6656	-12.421 d
		7.5271	529707.6	183645.8	20.5	-13.743	-1.1176	-6.5202	-12.15 d
		8.029	529707.9	183645.4	20.5	-13.438	-1.0928	-6.3752	-11.88 d
		8.5308	529708.2	183645	20.5	0	0	0	0 d
		9.0326	529708.4	183644.5	20.5	0	0	0	0 d
		9.5344	529708.7	183644.1	20.5	0	0	0	0 d
		10.036	529709	183643.7	20.5	0	0	0	0 d
		10.538	529709.2	183643.3	20.5	0	0	0	0 d
		11.04	529709.5	183642.9	20.5	0	0	0	0 d
		11.542	529709.8	183642.4	20.5	0	0	0	0 d
		12.043	529710.1	183642	20.5	0	0	0	0 d
		12.545	529710.3	183641.6	20.5	0	0	0	0 d
		13.047	529710.6	183641.2	20.5	0	0	0	0 d
		13.549	529710.9	183640.7	20.5	0	0	0	0 d
		14.051	529711.2	183640.3	20.5	0	0	0	0 d
		14.552	529711.4	183639.9	20.5	0	0	0	0 d
		15.054	529711.7	183639.5	20.5	0	0	0	0 d
		15.556	529712	183639.1	20.5	0	0	0	0 d
		16.058	529712.2	183638.6	20.5	0	0	0	0 d
		16.56	529712.5	183638.2	20.5	0	0	0	0 d
		17.062	529712.8	183637.8	20.5	0	0	0	0 d
		17.563	529713.1	183637.4	20.5	0	0	0	0 d
		18.065	529713.3	183637	20.5	0	0	0	0 d
		18.567	529713.6	183636.5	20.5	0	0	0	0 d

		19.069	529713.9	183636.1	20.5	0	0	0	0	d
		19.571	529714.1	183635.7	20.5	0	0	0	0	d
		20.072	529714.4	183635.3	20.5	0	0	0	0	d
		20.574	529714.7	183634.8	20.5	0	0	0	0	d
		21.076	529715	183634.4	20.5	0	0	0	0	d
		21.578	529715.2	183634	20.5	0	0	0	0	d
		22.08	529715.5	183633.6	20.5	0	0	0	0	d
		22.581	529715.8	183633.2	20.5	0	0	0	0	d
		23.083	529716.1	183632.7	20.5	0	0	0	0	d
		23.585	529716.3	183632.3	20.5	0	0	0	0	d
		24.087	529716.6	183631.9	20.5	0	0	0	0	d
		24.589	529716.9	183631.5	20.5	0	0	0	0	d
		25.09	529717.1	183631.1	20.5	0	0	0	0	d
		25.592	529717.4	183630.6	20.5	0	0	0	0	d
		26.094	529717.7	183630.2	20.5	0	0	0	0	d
		26.596	529718	183629.8	20.5	0	0	0	0	d
		27.098	529718.2	183629.4	20.5	0	0	0	0	d
		27.6	529718.5	183628.9	20.5	0	0	0	0	d
		28.101	529718.8	183628.5	20.5	0	0	0	0	d
		28.603	529719.1	183628.1	20.5	0	0	0	0	d
		29.105	529719.3	183627.7	20.5	0	0	0	0	d
		29.607	529719.6	183627.3	20.5	0	0	0	0	d
		30.109	529719.9	183626.8	20.5	0	0	0	0	d
		30.61	529720.1	183626.4	20.5	0	0	0	0	d
42	42 Shallow	0	529708.1	183618.3	20.5	0	0	0	0	d
		0.50046	529708.5	183618.6	20.5	0	0	0	0	d
		1.0009	529708.9	183618.9	20.5	0	0	0	0	d
		1.5014	529709.3	183619.2	20.5	0	0	0	0	d
		2.0018	529709.7	183619.5	20.5	0	0	0	0	d
		2.5023	529710.2	183619.7	20.5	0	0	0	0	d
		3.0027	529710.6	183620	20.5	0	0	0	0	d
		3.5032	529711	183620.3	20.5	0	0	0	0	d
		4.0036	529711.4	183620.6	20.5	0	0	0	0	d
		4.5041	529711.8	183620.8	20.5	0	0	0	0	d
		5.0046	529712.2	183621.1	20.5	0	0	0	0	d
		5.505	529712.7	183621.4	20.5	0	0	0	0	d
		6.0055	529713.1	183621.7	20.5	0	0	0	0	d
		6.5059	529713.5	183622	20.5	0	0	0	0	d
		7.0064	529713.9	183622.2	20.5	0	0	0	0	d
		7.5068	529714.3	183622.5	20.5	0	0	0	0	d
		8.0073	529714.7	183622.8	20.5	0	0	0	0	d
		8.5077	529715.2	183623.1	20.5	0	0	0	0	d
		9.0082	529715.6	183623.4	20.5	0	0	0	0	d
		9.5087	529716	183623.6	20.5	0	0	0	0	d
		10.009	529716.4	183623.9	20.5	0	0	0	0	d
		10.51	529716.8	183624.2	20.5	0	0	0	0	d
		11.01	529717.2	183624.5	20.5	0	0	0	0	d
		11.51	529717.6	183624.7	20.5	0	0	0	0	d
		12.011	529718.1	183625	20.5	0	0	0	0	d
		12.511	529718.5	183625.3	20.5	0	0	0	0	d
		13.012	529718.9	183625.6	20.5	0	0	0	0	d
		13.512	529719.3	183625.9	20.5	0	0	0	0	d
		14.013	529719.7	183626.1	20.5	0	0	0	0	d
		14.513	529720.1	183626.4	20.5	0	0	0	0	d
43	43 Shallow	0	529712.2	183657.7	20.85	-6.7816	-0.55148	-6.0185	3.1735	d
		0.50878	529712.6	183657.9	20.85	-6.2206	-0.50586	-5.5207	2.911	d
		1.0176	529713	183658.2	20.85	-5.6599	-0.46027	-5.0231	2.6486	d
		1.5263	529713.5	183658.5	20.85	-5.0993	-0.41468	-4.5256	2.3863	d
		2.0351	529713.9	183658.7	20.85	-4.5386	-0.36909	-4.028	2.1239	d
		2.5439	529714.3	183659	20.85	-3.9777	-0.32347	-3.5301	1.8614	d
		3.0527	529714.8	183659.3	20.85	-3.4163	-0.27782	-3.0319	1.5987	d
		3.5615	529715.2	183659.6	20.85	-2.8636	-0.23287	-2.5414	1.34	d
		4.0702	529715.6	183659.8	20.85	-2.4598	-0.20004	-2.1831	1.1511	d
		4.579	529716	183660.1	20.85	-2.0561	-0.16721	-1.8248	0.96218	d
		5.0878	529716.5	183660.4	20.85	-1.6524	-0.13438	-1.4665	0.77326	d
		5.5966	529716.9	183660.7	20.85	-1.2487	-0.10155	-1.1082	0.58434	d
		6.1053	529717.3	183660.9	20.85	-0.845	-0.06872	-0.74992	0.39542	d
44	44 Shallow	0	529712.2	183657.7	20.85	-6.7816	-0.55148	-3.4942	-5.8382	d
		0.50343	529712.5	183657.2	20.85	-6.4593	-0.52527	-3.3281	-5.5607	d
		1.0069	529712.8	183656.8	20.85	-6.1371	-0.49907	-3.1621	-5.2834	d
		1.5103	529713.1	183656.4	20.85	-5.815	-0.47288	-2.9961	-5.0061	d
		2.0137	529713.3	183656	20.85	-5.4929	-0.44669	-2.8302	-4.7288	d
		2.5172	529713.6	183655.6	20.85	-5.1709	-0.4205	-2.6643	-4.4516	d
		3.0206	529713.9	183655.2	20.85	-4.8488	-0.39431	-2.4983	-4.1743	d
		3.524	529714.2	183654.8	20.85	-4.5267	-0.36812	-2.3324	-3.897	d
		4.0275	529714.5	183654.4	20.85	-4.2045	-0.34191	-2.1663	-3.6196	d
		4.5309	529714.8	183654	20.85	-3.8822	-0.3157	-2.0003	-3.3421	d
		5.0343	529715.1	183653.6	20.85	-3.5597	-0.28948	-1.8341	-3.0645	d
45	45 Shallow	0	529712.5	183652	20.85	-6.913	-0.56217	-6.2386	3.0307	d
		0.49859	529713	183652.3	20.85	-6.3539	-0.51671	-5.7341	2.7856	d
		0.99717	529713.4	183652.5	20.85	-5.7952	-0.47127	-5.2298	2.5407	d
		1.4958	529713.8	183652.8	20.85	-5.2366	-0.42584	-4.7257	2.2958	d
		1.9943	529714.2	183653.1	20.85	-4.6779	-0.38041	-4.2215	2.0508	d
		2.4929	529714.7	183653.3	20.85	-4.119	-0.33496	-3.7172	1.8058	d
		2.9915	529715.1	183653.6	20.85	-3.5597	-0.28948	-3.2124	1.5606	d
46	46 Shallow	0	529712.5	183652	20.85	-6.913	-0.56217	-3.7379	-5.8424	d
		0.49001	529712.8	183651.6	20.85	-6.5838	-0.5354	-3.5599	-5.5642	d
		0.98002	529713.1	183651.3	20.85	-6.2546	-0.50863	-3.3819	-5.286	d
		1.47	529713.4	183650.9	20.85	-5.9256	-0.48188	-3.204	-5.0079	d
		1.96	529713.7	183650.5	20.85	-5.5966	-0.45512	-3.0261	-4.7299	d
		2.4501	529714	183650.1	20.85	-5.2677	-0.42837	-2.8483	-4.4519	d
		2.9401	529714.3	183649.7	20.85	-4.9387	-0.40162	-2.6704	-4.1739	d
		3.4301	529714.6	183649.3	20.85	-4.6097	-0.37487	-2.4925	-3.8958	d
		3.9201	529714.9	183648.9	20.85	-4.2807	-0.34811	-2.3146	-3.6177	d
		4.4101	529715.2	183648.5	20.85	-3.9514	-0.32133	-2.1366	-3.3395	d
		4.9001	529715.5	183648.1	20.85	-3.6221	-0.29455	-1.9585	-3.0611	d
		5.3901	529715.8	183647.7	20.85	-3.2925	-0.26775	-1.7803	-2.7826	d
		5.8801	529716.1	183647.4	20.85	-2.9627	-0.24093	-1.602	-2.5039	d
		6.3701	529716.4	183647	20.85	-2.7045	-0.21994	-1.4624	-2.2857	d
		6.8602	529716.7	183646.6	20.85	-2.4676	-0.20067	-1.3343	-2.0855	d
		7.3502	529717	183646.2	20.85	-2.2308	-0.18141	-1.2062	-1.8853	d
47	47 Shallow	0	529711.8	183642.8	20.85	0	0	0	0	d
		0.51408	529712.3	183643.1	20.85	0	0	0	0	d
		1.0282	529712.7	183643.4	20.85	0	0	0	0	d
		1.5422	529713.1	183643.6	20.85	0	0	0	0	d
		2.0563	529713.5	183643.9	20.85	0	0	0	0	d
		2.5704	529714	183644.2	20.85	0	0	0	0	d
		3.0845	529714.4	183644.5	20.85	0	0	0	0	d
		3.5985	529714.8	183644.8	20.85	0	0	0	0	d
		4.1126	529715.3	183645.1	20.85	0	0	0	0	d
		4.6267	529715.7	183645.3	20.85	0	0	0	0	d
		5.1408	529716.1	183645.6	20.85	0	0	0	0	d
		5.6548	529716.6	183645.9	20.85	0	0	0	0	d
		6.1689	529717	183646.2	20.85	-2.2308	-0.18141	-1.9628	1.0754	d
48	48 Shallow	0	529711.8	183642.8	20.85	0	0	0	0	d
		0.49738	529712.1	183642.4	20.85	0	0	0	0	d
		0.99476	529712.4	183642	20.85	0	0	0	0	d
		1.4921	529712.7	183641.6	20.85	0	0	0	0	d
		1.9895	529712.9	183641.1	20.85	0	0	0	0	d
		2.4869	529713.2	183640.7	20.85	0	0	0	0	d
		2.9843	529713.5	183640.3	20.85	0	0	0	0	d
		3.4817	529713.8	183639.9	20.85	0	0	0	0	d

			3.979	529714	183639.5	20.85	0	0	0	0 d
			4.4764	529714.3	183639.1	20.85	0	0	0	0 d
			4.9738	529714.6	183638.7	20.85	0	0	0	0 d
			5.4712	529714.9	183638.2	20.85	0	0	0	0 d
			5.9686	529715.1	183637.8	20.85	0	0	0	0 d
			6.4659	529715.4	183637.4	20.85	0	0	0	0 d
			6.9633	529715.7	183637	20.85	0	0	0	0 d
			7.4607	529716	183636.6	20.85	0	0	0	0 d
			7.9581	529716.2	183636.2	20.85	0	0	0	0 d
			8.4554	529716.5	183635.8	20.85	0	0	0	0 d
			8.9528	529716.8	183635.3	20.85	0	0	0	0 d
			9.4502	529717.1	183634.9	20.85	0	0	0	0 d
			9.9476	529717.3	183634.5	20.85	0	0	0	0 d
			10.445	529717.6	183634.1	20.85	0	0	0	0 d
			10.942	529717.9	183633.7	20.85	0	0	0	0 d
			11.44	529718.2	183633.3	20.85	0	0	0	0 d
			11.937	529718.4	183632.9	20.85	0	0	0	0 d
			12.434	529718.7	183632.4	20.85	0	0	0	0 d
			12.932	529719	183632	20.85	0	0	0	0 d
			13.429	529719.3	183631.6	20.85	0	0	0	0 d
			13.927	529719.5	183631.2	20.85	0	0	0	0 d
			14.424	529719.8	183630.8	20.85	0	0	0	0 d
			14.921	529720.1	183630.4	20.85	0	0	0	0 d
			15.419	529720.4	183630	20.85	0	0	0	0 d
			15.916	529720.6	183629.5	20.85	0	0	0	0 d
			16.414	529720.9	183629.1	20.85	0	0	0	0 d
			16.911	529721.2	183628.7	20.85	0	0	0	0 d
			17.408	529721.5	183628.3	20.85	0	0	0	0 d
			17.906	529721.7	183627.9	20.85	0	0	0	0 d
			18.403	529722	183627.5	20.85	0	0	0	0 d
49	49	Shallow	0	529722	183627.5	20.85	0	0	0	0 d
			0.50361	529722.4	183627.7	20.85	0	0	0	0 d
			1.0072	529722.9	183628	20.85	0	0	0	0 d
			1.5108	529723.3	183628.3	20.85	0	0	0	0 d
			2.0144	529723.7	183628.6	20.85	0	0	0	0 d
			2.5181	529724.1	183628.8	20.85	0	0	0	0 d
			3.0217	529724.6	183629.1	20.85	0	0	0	0 d
			3.5253	529725	183629.4	20.85	0	0	0	0 d
			4.0289	529725.4	183629.6	20.85	0	0	0	0 d
			4.5325	529725.8	183629.9	20.85	0	0	0	0 d
			5.0361	529726.3	183630.2	20.85	0	0	0	0 d
			5.5397	529726.7	183630.5	20.85	0	0	0	0 d
			6.0433	529727.1	183630.7	20.85	0	0	0	0 d
			6.547	529727.5	183631	20.85	0	0	0	0 d
			7.0506	529727.9	183631.3	20.85	0	0	0	0 d
			7.5542	529728.4	183631.6	20.85	0	0	0	0 d
			8.0578	529728.8	183631.8	20.85	0	0	0	0 d
			8.5614	529729.2	183632.1	20.85	0	0	0	0 d
			9.065	529729.6	183632.4	20.85	0	0	0	0 d
			9.5686	529730.1	183632.6	20.85	0	0	0	0 d
			10.072	529730.5	183632.9	20.85	0	0	0	0 d
			10.576	529730.9	183633.2	20.85	0	0	0	0 d
			11.079	529731.3	183633.5	20.85	0	0	0	0 d
			11.583	529731.8	183633.7	20.85	0	0	0	0 d
			12.087	529732.2	183634	20.85	0	0	0	0 d
			12.59	529732.6	183634.3	20.85	0	0	0	0 d
			13.094	529733	183634.5	20.85	0	0	0	0 d
			13.598	529733.5	183634.8	20.85	0	0	0	0 d
			14.101	529733.9	183635.1	20.85	0	0	0	0 d
			14.605	529734.3	183635.4	20.85	0	0	0	0 d
			15.108	529734.7	183635.6	20.85	0	0	0	0 d
			15.612	529735.1	183635.9	20.85	0	0	0	0 d
			16.116	529735.6	183636.2	20.85	0	0	0	0 d
			16.619	529736	183636.5	20.85	0	0	0	0 d
			17.123	529736.4	183636.7	20.85	0	0	0	0 d
			17.626	529736.8	183637	20.85	0	0	0	0 d
			18.13	529737.3	183637.3	20.85	0	0	0	0 d
			18.634	529737.7	183637.5	20.85	0	0	0	0 d
			19.137	529738.1	183637.8	20.85	0	0	0	0 d
			19.641	529738.5	183638.1	20.85	0	0	0	0 d
			20.144	529739	183638.4	20.85	0	0	0	0 d
			20.648	529739.4	183638.6	20.85	0	0	0	0 d
			21.152	529739.8	183638.9	20.85	0	0	0	0 d
			21.655	529740.2	183639.2	20.85	0	0	0	0 d
			22.159	529740.7	183639.4	20.85	0	0	0	0 d
			22.663	529741.1	183639.7	20.85	0	0	0	0 d
			23.166	529741.5	183640	20.85	0	0	0	0 d
			23.67	529741.9	183640.3	20.85	0	0	0	0 d
			24.173	529742.3	183640.5	20.85	0	0	0	0 d
			24.677	529742.8	183640.8	20.85	0	0	0	0 d
			25.181	529743.2	183641.1	20.85	0	0	0	0 d
			25.684	529743.6	183641.4	20.85	0	0	0	0 d
			26.188	529744	183641.6	20.85	0	0	0	0 d
			26.691	529744.5	183641.9	20.85	0	0	0	0 d
			27.195	529744.9	183642.2	20.85	0	0	0	0 d
			27.699	529745.3	183642.4	20.85	0	0	0	0 d
50	50	Shallow	0	529745.3	183642.4	20.85	0	0	0	0 d
			0.49949	529745.1	183642.9	20.85	0	0	0	0 d
			0.99899	529744.8	183643.3	20.85	0	0	0	0 d
			1.4985	529744.5	183643.7	20.85	0	0	0	0 d
			1.998	529744.3	183644.1	20.85	0	0	0	0 d
			2.4975	529744	183644.6	20.85	0	0	0	0 d
			2.997	529743.8	183645	20.85	0	0	0	0 d
			3.4965	529743.5	183645.4	20.85	0	0	0	0 d
			3.9959	529743.2	183645.9	20.85	0	0	0	0 d
			4.4954	529743	183646.3	20.85	0	0	0	0 d
			4.9949	529742.7	183646.7	20.85	0	0	0	0 d
			5.4944	529742.4	183647.1	20.85	0	0	0	0 d
			5.9939	529742.2	183647.6	20.85	0	0	0	0 d
			6.4934	529741.9	183648	20.85	0	0	0	0 d
			6.9929	529741.7	183648.4	20.85	0	0	0	0 d
			7.4924	529741.4	183648.8	20.85	0	0	0	0 d
			7.9919	529741.1	183649.3	20.85	0	0	0	0 d
			8.4914	529740.9	183649.7	20.85	0	0	0	0 d
			8.9909	529740.6	183650.1	20.85	0	0	0	0 d
			9.4904	529740.4	183650.5	20.85	0	0	0	0 d
			9.9899	529740.1	183651	20.85	0	0	0	0 d
			10.489	529739.8	183651.4	20.85	0	0	0	0 d
			10.989	529739.6	183651.8	20.85	0	0	0	0 d
			11.488	529739.3	183652.2	20.85	0	0	0	0 d
			11.988	529739.1	183652.7	20.85	0	0	0	0 d
			12.487	529738.8	183653.1	20.85	0	0	0	0 d
			12.987	529738.5	183653.5	20.85	0	0	0	0 d
			13.486	529738.3	183653.9	20.85	0	0	0	0 d
			13.986	529738	183654.4	20.85	0	0	0	0 d
			14.485	529737.8	183654.8	20.85	0	0	0	0 d
			14.985	529737.5	183655.2	20.85	0	0	0	0 d
			15.484	529737.2	183655.7	20.85	0	0	0	0 d
			15.984	529737	183656.1	20.85	0	0	0	0 d
			16.483	529736.7	183656.5	20.85	0	0	0	0 d
			16.983	529736.5	183656.9	20.85	0	0	0	0 d
			17.482	529736.2	183657.4	20.85	0	0	0	0 d

		17.982	529735.9	183657.8	20.85	0	0	0	0	d
		18.481	529735.7	183658.2	20.85	0	0	0	0	d
		18.981	529735.4	183658.6	20.85	0	0	0	0	d
		19.48	529735.1	183659.1	20.85	0	0	0	0	d
		19.98	529734.9	183659.5	20.85	0	0	0	0	d
		20.479	529734.6	183659.9	20.85	0	0	0	0	d
		20.979	529734.4	183660.3	20.85	0	0	0	0	d
		21.478	529734.1	183660.8	20.85	0	0	0	0	d
		21.978	529733.8	183661.2	20.85	0	0	0	0	d
		22.477	529733.6	183661.6	20.85	0	0	0	0	d
		22.977	529733.3	183662	20.85	0	0	0	0	d
		23.476	529733.1	183662.5	20.85	0	0	0	0	d
		23.976	529732.8	183662.9	20.85	0	0	0	0	d
		24.475	529732.5	183663.3	20.85	0	0	0	0	d
		24.975	529732.3	183663.7	20.85	0	0	0	0	d
		25.474	529732	183664.2	20.85	0	0	0	0	d
		25.974	529731.8	183664.6	20.85	0	0	0	0	d
		26.473	529731.5	183665	20.85	0	0	0	0	d
51	51 Shallow	0	529720.1	183656.9	20.85	0	0	0	0	d
		0.50023	529720.5	183657.2	20.85	0	0	0	0	d
		1.0005	529720.9	183657.5	20.85	0	0	0	0	d
		1.5007	529721.3	183657.8	20.85	0	0	0	0	d
		2.0009	529721.7	183658.1	20.85	0	0	0	0	d
		2.5011	529722.1	183658.4	20.85	0	0	0	0	d
		3.0014	529722.5	183658.7	20.85	0	0	0	0	d
		3.5016	529722.9	183658.9	20.85	0	0	0	0	d
		4.0018	529723.3	183659.2	20.85	0	0	0	0	d
		4.502	529723.8	183659.5	20.85	0	0	0	0	d
		5.0023	529724.2	183659.8	20.85	0	0	0	0	d
		5.5025	529724.6	183660.1	20.85	0	0	0	0	d
		6.0027	529725	183660.4	20.85	0	0	0	0	d
		6.503	529725.4	183660.7	20.85	0	0	0	0	d
		7.0032	529725.8	183661	20.85	0	0	0	0	d
		7.5034	529726.2	183661.3	20.85	0	0	0	0	d
		8.0036	529726.6	183661.5	20.85	0	0	0	0	d
		8.5039	529727	183661.8	20.85	0	0	0	0	d
		9.0041	529727.4	183662.1	20.85	0	0	0	0	d
		9.5043	529727.8	183662.4	20.85	0	0	0	0	d
		10.005	529728.2	183662.7	20.85	0	0	0	0	d
		10.505	529728.6	183663	20.85	0	0	0	0	d
		11.005	529729.1	183663.3	20.85	0	0	0	0	d
		11.505	529729.5	183663.6	20.85	0	0	0	0	d
		12.005	529729.9	183663.9	20.85	0	0	0	0	d
		12.506	529730.3	183664.2	20.85	0	0	0	0	d
		13.006	529730.7	183664.4	20.85	0	0	0	0	d
		13.506	529731.1	183664.7	20.85	0	0	0	0	d
		14.006	529731.5	183665	20.85	0	0	0	0	d
52	52 Shallow	0	529717.3	183660.9	20.85	-0.845	-0.06872	-0.42063	-0.73608	d
		0.48717	529717.6	183660.5	20.85	-0.62818	-0.05108	-0.3127	-0.54721	d
		0.97435	529717.9	183660.1	20.85	-0.41135	-0.03345	-0.20477	-0.35833	d
		1.4615	529718.2	183659.7	20.85	-0.19453	-0.01582	-0.09683	-0.16945	d
		1.9487	529718.4	183659.3	20.85	0	0	0	0	d
		2.4359	529718.7	183658.9	20.85	0	0	0	0	d
		2.923	529719	183658.5	20.85	0	0	0	0	d
		3.4102	529719.3	183658.1	20.85	0	0	0	0	d
		3.8974	529719.5	183657.7	20.85	0	0	0	0	d
		4.3846	529719.8	183657.3	20.85	0	0	0	0	d
		4.8717	529720.1	183656.9	20.85	0	0	0	0	d
53	53 Shallow	0	529678.9	183692	20.85	-28.078	-18.997	-33.9	-0.19913	d
		0.49934	529679.3	183692.2	20.85	-27.391	-18.532	-33.071	-0.19427	d
		0.99867	529679.7	183692.5	20.85	-26.713	-18.073	-32.252	-0.18946	d
		1.498	529680.1	183692.8	20.85	-26.043	-17.62	-31.443	-0.1847	d
		1.9973	529680.5	183693.1	20.85	-25.38	-17.172	-30.643	-0.18	d
		2.4967	529681	183693.3	20.85	-24.726	-16.729	-29.853	-0.17536	d
		2.996	529681.4	183693.6	20.85	-24.078	-16.291	-29.071	-0.17077	d
		3.4954	529681.8	183693.9	20.85	-23.438	-15.858	-28.298	-0.16623	d
		3.9947	529682.2	183694.2	20.85	-22.805	-15.43	-27.534	-0.16174	d
		4.494	529682.6	183694.5	20.85	-22.179	-15.006	-26.778	-0.1573	d
		4.9934	529683	183694.7	20.85	-21.559	-14.587	-26.03	-0.15291	d
		5.4927	529683.5	183695	20.85	-20.946	-14.172	-25.29	-0.14856	d
		5.992	529683.9	183695.3	20.85	-20.339	-13.761	-24.557	-0.14425	d
		6.4914	529684.3	183695.6	20.85	-19.738	-13.355	-23.831	-0.13999	d
		6.9907	529684.7	183695.8	20.85	-19.143	-12.952	-23.113	-0.13577	d
		7.49	529685.1	183696.1	20.85	-18.553	-12.553	-22.401	-0.13159	d
		7.9894	529685.5	183696.4	20.85	-17.969	-12.158	-21.695	-0.12744	d
		8.4887	529685.9	183696.7	20.85	-17.39	-11.766	-20.996	-0.12334	d
		8.988	529686.4	183696.9	20.85	-16.816	-11.377	-20.303	-0.11926	d
		9.4874	529686.8	183697.2	20.85	-16.247	-10.992	-19.616	-0.11523	d
		9.9867	529687.2	183697.5	20.85	-15.682	-10.61	-18.934	-0.11122	d
		10.486	529687.6	183697.8	20.85	-15.121	-10.231	-18.257	-0.10724	d
		10.985	529688	183698.1	20.85	-14.565	-9.8544	-17.585	-0.1033	d
		11.485	529688.4	183698.3	20.85	-14.013	-9.4807	-16.918	-0.09938	d
		11.984	529688.8	183698.6	20.85	-13.464	-9.1094	-16.256	-0.09549	d
		12.483	529689.3	183698.9	20.85	-12.919	-8.7406	-15.598	-0.09162	d
		12.983	529689.7	183699.2	20.85	-12.377	-8.374	-14.943	-0.08778	d
		13.482	529690.1	183699.4	20.85	-11.838	-8.0095	-14.293	-0.08396	d
		13.981	529690.5	183699.7	20.85	-11.302	-7.6469	-13.646	-0.08016	d
		14.481	529690.9	183700	20.85	-10.769	-7.2862	-13.002	-0.07638	d
		14.98	529691.3	183700.3	20.85	-10.238	-6.9272	-12.361	-0.07261	d
		15.479	529691.8	183700.6	20.85	-9.71	-6.5697	-11.724	-0.06887	d
		15.979	529692.2	183700.8	20.85	-9.1837	-6.2136	-11.088	-0.06513	d
		16.478	529692.6	183701.1	20.85	-8.6593	-5.8588	-10.455	-0.06141	d
		16.977	529693	183701.4	20.85	-8.1365	-5.5051	-9.8237	-0.05771	d
		17.477	529693.4	183701.7	20.85	-7.6152	-5.1523	-9.1943	-0.05401	d
		17.976	529693.8	183701.9	20.85	-7.0952	-4.8005	-8.5664	-0.05032	d
		18.475	529694.2	183702.2	20.85	-6.5762	-4.4493	-7.9398	-0.04664	d
		18.975	529694.7	183702.5	20.85	-6.058	-4.0987	-7.3142	-0.04297	d
		19.474	529695.1	183702.8	20.85	-5.5405	-3.7486	-6.6893	-0.0393	d
		19.973	529695.5	183703.1	20.85	-5.0234	-3.3987	-6.065	-0.03563	d
		20.473	529695.9	183703.3	20.85	-4.5065	-3.049	-5.4409	-0.03196	d
		20.972	529696.3	183703.6	20.85	-3.9896	-2.6993	-4.8169	-0.0283	d
		21.471	529696.7	183703.9	20.85	-3.4725	-2.3495	-4.1926	-0.02463	d
		21.971	529697.2	183704.2	20.85	-2.9551	-1.9994	-3.5679	-0.02096	d
		22.47	529697.6	183704.4	20.85	-2.4371	-1.6489	-2.9424	-0.01728	d
		22.969	529698	183704.7	20.85	-2.0542	-1.3898	-2.4801	-0.01457	d
		23.469	529698.4	183705	20.85	-1.682	-1.138	-2.0307	-0.01193	d
		23.968	529698.8	183705.3	20.85	-1.3098	-0.88616	-1.5813	-0.00929	d
		24.467	529699.2	183705.5	20.85	-0.93755	-0.63433	-1.132	-0.00665	d
		24.967	529699.6	183705.8	20.85	-0.56534	-0.3825	-0.68257	-0.00401	d
		25.466	529700.1	183706.1	20.85	-0.19314	-0.13067	-0.23319	-0.00137	d
		25.965	529700.5	183706.4	20.85	0	0	0	0	d
		26.465	529700.9	183706.7	20.85	0	0	0	0	d
		26.964	529701.3	183706.9	20.85	0	0	0	0	d
		27.463	529701.7	183707.2	20.85	0	0	0	0	d
		27.963	529702.1	183707.5	20.85	0	0	0	0	d
		28.462	529702.6	183707.8	20.85	0	0	0	0	d
		28.961	529703	183708	20.85	0	0	0	0	d
		29.461	529703.4	183708.3	20.85	0	0	0	0	d
		29.96	529703.8	183708.6	20.85	0	0	0	0	d
		30.459	529704.2	183708.9	20.85	0	0	0	0	d
		30.959	529704.6	183709.2	20.85	0	0	0	0	d
		31.458	529705	183709.4	20.85	0	0	0	0	d

54	54 Shallow	0	529678.9	183692	20.85	-28.078	-18.997	3.0345	-33.764 d
		0.50324	529679.1	183691.5	20.85	-28.14	-19.039	3.0413	-33.839 d
		1.0065	529679.4	183691.1	20.85	-28.202	-19.081	3.048	-33.914 d
		1.5097	529679.6	183690.6	20.85	-28.265	-19.124	3.0548	-33.989 d
		2.013	529679.9	183690.2	20.85	-28.327	-19.166	3.0615	-34.065 d
		2.5162	529680.1	183689.8	20.85	-28.39	-19.208	3.0683	-34.14 d
		3.0195	529680.3	183689.3	20.85	-28.453	-19.251	3.0751	-34.215 d
		3.5227	529680.6	183688.9	20.85	-28.515	-19.293	3.0818	-34.291 d
		4.0259	529680.8	183688.4	20.85	-28.578	-19.336	3.0886	-34.366 d
		4.5292	529681.1	183688	20.85	-28.641	-19.378	3.0954	-34.442 d
		5.0324	529681.3	183687.6	20.85	-28.704	-19.421	3.1022	-34.518 d
		5.5357	529681.6	183687.1	20.85	-28.767	-19.463	3.1091	-34.593 d
		6.0389	529681.8	183686.7	20.85	-28.83	-19.506	3.1159	-34.669 d
		6.5422	529682.1	183686.2	20.85	-28.893	-19.549	3.1227	-34.745 d
		7.0454	529682.3	183685.8	20.85	-28.957	-19.592	3.1295	-34.821 d
		7.5486	529682.5	183685.4	20.85	-29.02	-19.635	3.1364	-34.898 d
		8.0519	529682.8	183684.9	20.85	-29.083	-19.677	3.1432	-34.974 d
55	55 Shallow	0	529682.8	183684.9	20.85	-29.083	-19.677	-35.109	-0.65925 d
		0.49168	529683.2	183685.2	20.85	-28.395	-19.212	-34.278	-0.64365 d
		0.98337	529683.6	183685.4	20.85	-27.716	-18.752	-33.457	-0.62824 d
		1.4751	529684	183685.7	20.85	-27.044	-18.298	-32.647	-0.61302 d
		1.9667	529684.4	183686	20.85	-26.38	-17.849	-31.845	-0.59797 d
		2.4584	529684.8	183686.3	20.85	-25.724	-17.405	-31.054	-0.5831 d
		2.9501	529685.3	183686.5	20.85	-25.076	-16.966	-30.271	-0.5684 d
		3.4418	529685.7	183686.8	20.85	-24.435	-16.532	-29.497	-0.55387 d
		3.9335	529686.1	183687.1	20.85	-23.801	-16.103	-28.731	-0.5395 d
		4.4252	529686.5	183687.3	20.85	-23.173	-15.679	-27.974	-0.52528 d
		4.9168	529686.9	183687.6	20.85	-22.553	-15.259	-27.225	-0.51122 d
		5.4085	529687.3	183687.9	20.85	-21.939	-14.844	-26.484	-0.4973 d
		5.9002	529687.7	183688.1	20.85	-21.331	-14.433	-25.751	-0.48353 d
		6.3919	529688.1	183688.4	20.85	-20.73	-14.026	-25.025	-0.46989 d
		6.8836	529688.6	183688.7	20.85	-20.134	-13.623	-24.306	-0.4564 d
		7.3753	529689	183688.9	20.85	-19.545	-13.224	-23.594	-0.44303 d
		7.8669	529689.4	183689.2	20.85	-18.96	-12.828	-22.888	-0.42978 d
		8.3586	529689.8	183689.5	20.85	-18.382	-12.437	-22.19	-0.41666 d
		8.8503	529690.2	183689.7	20.85	-17.808	-12.048	-21.497	-0.40366 d
56	56 Shallow	0	529690.2	183689.7	20.85	-17.808	-12.048	0.005841	-21.501 d
		0.49694	529690.5	183689.3	20.85	-17.808	-12.049	0.005841	-21.501 d
		0.99388	529690.8	183688.9	20.85	-17.808	-12.049	0.005841	-21.501 d
		1.4908	529691	183688.5	20.85	-17.808	-12.049	0.005841	-21.501 d
		1.9878	529691.3	183688.1	20.85	-17.808	-12.049	0.005841	-21.502 d
		2.4847	529691.6	183687.7	20.85	-17.809	-12.049	0.005841	-21.502 d
		2.9816	529691.9	183687.3	20.85	-17.809	-12.049	0.005841	-21.502 d
		3.4786	529692.2	183686.9	20.85	-17.809	-12.049	0.005841	-21.502 d
		3.9755	529692.4	183686.4	20.85	-17.809	-12.049	0.005841	-21.502 d
		4.4724	529692.7	183686	20.85	-17.809	-12.049	0.005841	-21.502 d
		4.9694	529693	183685.6	20.85	-17.809	-12.05	0.005841	-21.503 d
		5.4663	529693.3	183685.2	20.85	-17.809	-12.05	0.005841	-21.503 d
		5.9633	529693.5	183684.8	20.85	-17.81	-12.05	0.005841	-21.503 d
		6.4602	529693.8	183684.4	20.85	-17.81	-12.05	0.005841	-21.503 d
		6.9571	529694.1	183684	20.85	-17.81	-12.05	0.005841	-21.503 d
		7.4541	529694.4	183683.6	20.85	-17.81	-12.05	0.005841	-21.504 d
		7.951	529694.7	183683.1	20.85	-17.81	-12.05	0.005841	-21.504 d
		8.448	529694.9	183682.7	20.85	-17.81	-12.05	0.005841	-21.504 d
		8.9449	529695.2	183682.3	20.85	-17.811	-12.05	0.005841	-21.504 d
		9.4418	529695.5	183681.9	20.85	-17.811	-12.05	0.005842	-21.504 d
		9.9388	529695.8	183681.5	20.85	-17.811	-12.051	0.005842	-21.505 d
		10.436	529696	183681.1	20.85	-17.811	-12.051	0.005842	-21.505 d
		10.933	529696.3	183680.7	20.85	-17.811	-12.051	0.005842	-21.505 d
		11.43	529696.6	183680.3	20.85	-17.811	-12.051	0.005842	-21.505 d
		11.927	529696.9	183679.9	20.85	-17.812	-12.051	0.005842	-21.505 d
		12.423	529697.2	183679.4	20.85	-17.812	-12.051	0.005842	-21.505 d
		12.92	529697.4	183679	20.85	-17.812	-12.051	0.005842	-21.506 d
		13.417	529697.7	183678.6	20.85	-17.976	-11.57	-0.48521	-21.372 d
		13.914	529698	183678.2	20.85	-18.232	-10.752	-1.306	-21.126 d
		14.411	529698.3	183677.8	20.85	-18.463	-9.9279	-2.1176	-20.855 d
		14.908	529698.6	183677.4	20.85	-18.665	-9.1028	-2.9144	-20.561 d
		15.405	529698.8	183677	20.85	-18.838	-8.2824	-3.6911	-20.245 d
		15.902	529699.1	183676.6	20.85	-18.981	-7.4717	-4.4426	-19.909 d
		16.399	529699.4	183676.1	20.85	-19.092	-6.6755	-5.1646	-19.555 d
		16.896	529699.7	183675.7	20.85	-19.172	-5.8982	-5.8531	-19.186 d
		17.393	529699.9	183675.3	20.85	-19.219	-5.1437	-6.5045	-18.802 d
		17.89	529700.2	183674.9	20.85	-19.234	-4.4153	-7.1161	-18.406 d
		18.387	529700.5	183674.5	20.85	-19.216	-3.716	-7.6856	-18 d
		18.884	529700.8	183674.1	20.85	-19.166	-3.0481	-8.211	-17.585 d
		19.381	529701.1	183673.7	20.85	-19.085	-2.4134	-8.6912	-17.162 d
		19.878	529701.3	183673.3	20.85	-18.973	-1.8133	-9.1254	-16.732 d
		20.374	529701.6	183672.9	20.85	-18.736	-1.5236	-9.2328	-16.374 d
		20.871	529701.9	183672.4	20.85	-18.406	-1.4968	-9.0703	-16.086 d
		21.368	529702.2	183672	20.85	-18.078	-1.4701	-8.9083	-15.799 d
		21.865	529702.5	183671.6	20.85	-17.75	-1.4435	-8.747	-15.513 d
		22.362	529702.7	183671.2	20.85	-17.424	-1.4169	-8.5862	-15.227 d
		22.859	529703	183670.8	20.85	-17.099	-1.3905	-8.426	-14.943 d
		23.356	529703.3	183670.4	20.85	-16.775	-1.3641	-8.2663	-14.66 d
		23.853	529703.6	183670	20.85	-16.452	-1.3379	-8.1071	-14.378 d
		24.35	529703.8	183669.6	20.85	-16.13	-1.3117	-7.9484	-14.096 d
		24.847	529704.1	183669.1	20.85	-15.809	-1.2856	-7.7902	-13.816 d
57	57 Shallow	0	529697.1	183664.7	20.85	-26.093	-2.1219	-23.198	12.133 d
		0.49054	529697.5	183665	20.85	-25.449	-2.0695	-22.625	11.833 d
		0.98108	529697.9	183665.2	20.85	-24.81	-2.0176	-22.058	11.536 d
		1.4716	529698.3	183665.5	20.85	-24.178	-1.9661	-21.495	11.242 d
		1.9622	529698.7	183665.7	20.85	-23.55	-1.9151	-20.937	10.95 d
		2.4527	529699.1	183666	20.85	-22.928	-1.8645	-20.384	10.661 d
		2.9432	529699.6	183666.3	20.85	-22.311	-1.8143	-19.835	10.374 d
		3.4338	529700	183666.5	20.85	-21.698	-1.7645	-19.291	10.089 d
		3.9243	529700.4	183666.8	20.85	-21.091	-1.7151	-18.751	9.8067 d
		4.4149	529700.8	183667.1	20.85	-20.488	-1.6661	-18.215	9.5263 d
		4.9054	529701.2	183667.3	20.85	-19.889	-1.6174	-17.682	9.248 d
		5.3959	529701.6	183667.6	20.85	-19.295	-1.5691	-17.154	8.9716 d
		5.8865	529702	183667.8	20.85	-18.705	-1.5211	-16.629	8.6972 d
		6.377	529702.5	183668.1	20.85	-18.118	-1.4734	-16.108	8.4245 d
		6.8676	529702.9	183668.4	20.85	-17.536	-1.426	-15.59	8.1536 d
		7.3581	529703.3	183668.6	20.85	-16.957	-1.3789	-15.075	7.8844 d
		7.8487	529703.7	183668.9	20.85	-16.381	-1.3321	-14.563	7.6167 d
		8.3392	529704.1	183669.1	20.85	-15.809	-1.2856	-14.055	7.3506 d
58	58 Shallow	0	529697.1	183664.7	20.85	-26.093	-2.1219	-12.334	-23.091 d
		0.48741	529697.3	183664.3	20.85	-25.752	-2.0942	-12.173	-22.789 d
		0.97482	529697.6	183663.9	20.85	-25.412	-2.0666	-12.013	-22.489 d
		1.4622	529697.9	183663.5	20.85	-25.075	-2.0391	-11.853	-22.19 d
		1.9496	529698.1	183663.1	20.85	-24.738	-2.0117	-11.694	-21.893 d
		2.4371	529698.4	183662.6	20.85	-24.404	-1.9845	-11.536	-21.596 d
		2.9245	529698.7	183662.2	20.85	-24.071	-1.9574	-11.378	-21.302 d
		3.4119	529698.9	183661.8	20.85	-23.739	-1.9305	-11.222	-21.008 d
		3.8993	529699.2	183661.4	20.85	-23.409	-1.9036	-11.065	-20.716 d
		4.3867	529699.4	183661	20.85	-23.08	-1.8769	-10.91	-20.425 d
		4.8741	529699.7	183660.6	20.85	-22.753	-1.8503	-10.755	-20.135 d
		5.3615	529700	183660.2	20.85	-22.427	-1.8237	-10.601	-19.847 d
		5.8489	529700.2	183659.8	20.85	-22.102	-1.7974	-10.448	-19.559 d
		6.3364	529700.5	183659.4	20.85	-21.779	-1.7711	-10.295	-19.273 d
		6.8238	529700.8	183659	20.85	-21.457	-1.7449	-10.143	-18.989 d
		7.3112	529701	183658.5	20.85	-21.136	-1.7188	-9.9913	-18.705 d
		7.7986	529701.3	183658.1	20.85	-20.817	-1.6929	-9.8404	-18.422 d

		8.286	529701.6	183657.7	20.85	-20.499	-1.667	-9.69	-18.141	d
		8.7734	529701.8	183657.3	20.85	-20.182	-1.6412	-9.5403	-17.86	d
		9.2608	529702.1	183656.9	20.85	-19.867	-1.6156	-9.3911	-17.581	d
59	59 Shallow	0	529702.1	183656.9	20.85	-19.867	-1.6156	-17.511	9.5212	d
		0.50257	529702.5	183657.2	20.85	-19.263	-1.5665	-16.979	9.2319	d
		1.0051	529702.9	183657.5	20.85	-18.664	-1.5177	-16.451	8.9447	d
		1.5077	529703.3	183657.7	20.85	-18.068	-1.4693	-15.926	8.6594	d
		2.0103	529703.8	183658	20.85	-17.477	-1.4212	-15.405	8.376	d
		2.5129	529704.2	183658.3	20.85	-16.889	-1.3734	-14.887	8.0943	d
		3.0154	529704.6	183658.6	20.85	-16.305	-1.3259	-14.372	7.8143	d
		3.518	529705	183658.8	20.85	-15.724	-1.2787	-13.86	7.5359	d
		4.0206	529705.4	183659.1	20.85	-15.146	-1.2317	-13.351	7.259	d
		4.5232	529705.9	183659.4	20.85	-14.572	-1.185	-12.844	6.9836	d
		5.0257	529706.3	183659.7	20.85	-14	-1.1385	-12.34	6.7095	d
		5.5283	529706.7	183659.9	20.85	-13.43	-1.0922	-11.838	6.4366	d
		6.0309	529707.1	183660.2	20.85	-12.864	-1.0461	-11.339	6.165	d
		6.5335	529707.5	183660.5	20.85	-12.299	-1.0002	-10.841	5.8945	d
		7.036	529708	183660.8	20.85	-11.737	-0.95446	-10.345	5.625	d
		7.5386	529708.4	183661	20.85	-11.177	-0.90889	-9.8515	5.3565	d
		8.0412	529708.8	183661.3	20.85	-10.618	-0.86347	-9.3591	5.0888	d
		8.5437	529709.2	183661.6	20.85	-10.061	-0.81818	-8.8683	4.8219	d
		9.0463	529709.7	183661.9	20.85	-9.5057	-0.77301	-8.3787	4.5557	d
		9.5489	529710.1	183662.1	20.85	-8.9515	-0.72795	-7.8902	4.2901	d
		10.051	529710.5	183662.4	20.85	-8.3985	-0.68297	-7.4027	4.025	d
		10.554	529710.9	183662.7	20.85	-7.8464	-0.63807	-6.9161	3.7604	d
		11.057	529711.3	183663	20.85	-7.295	-0.59324	-6.4301	3.4962	d
		11.559	529711.8	183663.2	20.85	-6.7443	-0.54845	-5.9446	3.2322	d
		12.062	529712.2	183663.5	20.85	-6.194	-0.5037	-5.4596	2.9685	d
		12.564	529712.6	183663.8	20.85	-5.6439	-0.45897	-4.9747	2.7049	d
		13.067	529713	183664.1	20.85	-5.0939	-0.41424	-4.49	2.4413	d
		13.569	529713.4	183664.3	20.85	-4.5439	-0.36951	-4.0051	2.1777	d
		14.072	529713.9	183664.6	20.85	-3.9935	-0.32476	-3.52	1.9139	d
		14.575	529714.3	183664.9	20.85	-3.4428	-0.27997	-3.0346	1.65	d
		15.077	529714.7	183665.2	20.85	-2.8902	-0.23504	-2.5476	1.3852	d
		15.58	529715.1	183665.4	20.85	-2.4942	-0.20283	-2.1984	1.1953	d
		16.082	529715.5	183665.7	20.85	-2.0981	-0.17062	-1.8493	1.0055	d
		16.585	529716	183666	20.85	-1.702	-0.13841	-1.5002	0.81571	d
		17.087	529716.4	183666.3	20.85	-1.306	-0.1062	-1.1511	0.62589	d
		17.59	529716.8	183666.5	20.85	-0.9099	-0.07399	-0.80202	0.43608	d
		18.093	529717.2	183666.8	20.85	-0.51383	-0.04179	-0.45291	0.24626	d
		18.595	529717.6	183667.1	20.85	-0.11776	-0.00958	-0.1038	0.056439	d
		19.098	529718.1	183667.4	20.85	0	0	0	0	d
		19.6	529718.5	183667.6	20.85	0	0	0	0	d
		20.103	529718.9	183667.9	20.85	0	0	0	0	d
		20.606	529719.3	183668.2	20.85	0	0	0	0	d
		21.108	529719.7	183668.5	20.85	0	0	0	0	d
		21.611	529720.2	183668.7	20.85	0	0	0	0	d
		22.113	529720.6	183669	20.85	0	0	0	0	d
		22.616	529721	183669.3	20.85	0	0	0	0	d
		23.118	529721.4	183669.6	20.85	0	0	0	0	d
		23.621	529721.8	183669.8	20.85	0	0	0	0	d
		24.124	529722.3	183670.1	20.85	0	0	0	0	d
		24.626	529722.7	183670.4	20.85	0	0	0	0	d
		25.129	529723.1	183670.7	20.85	0	0	0	0	d
		25.631	529723.5	183670.9	20.85	0	0	0	0	d
		26.134	529724	183671.2	20.85	0	0	0	0	d
		26.636	529724.4	183671.5	20.85	0	0	0	0	d
		27.139	529724.8	183671.8	20.85	0	0	0	0	d
		27.642	529725.2	183672	20.85	0	0	0	0	d
		28.144	529725.6	183672.3	20.85	0	0	0	0	d
		28.647	529726.1	183672.6	20.85	0	0	0	0	d
		29.149	529726.5	183672.9	20.85	0	0	0	0	d
		29.652	529726.9	183673.1	20.85	0	0	0	0	d
		30.154	529727.3	183673.4	20.85	0	0	0	0	d
60	60 Shallow	0	529705	183709.4	20.85	0	0	0	0	d
		0.49823	529705.3	183709	20.85	0	0	0	0	d
		0.99646	529705.6	183708.6	20.85	0	0	0	0	d
		1.4947	529705.8	183708.2	20.85	0	0	0	0	d
		1.9929	529706.1	183707.7	20.85	0	0	0	0	d
		2.4911	529706.4	183707.3	20.85	0	0	0	0	d
		2.9894	529706.6	183706.9	20.85	0	0	0	0	d
		3.4876	529706.9	183706.5	20.85	0	0	0	0	d
		3.9858	529707.1	183706	20.85	0	0	0	0	d
		4.4841	529707.4	183705.6	20.85	0	0	0	0	d
		4.9823	529707.7	183705.2	20.85	0	0	0	0	d
		5.4805	529707.9	183704.8	20.85	0	0	0	0	d
		5.9787	529708.2	183704.3	20.85	0	0	0	0	d
		6.477	529708.4	183703.9	20.85	0	0	0	0	d
		6.9752	529708.7	183703.5	20.85	0	0	0	0	d
		7.4734	529709	183703.1	20.85	0	0	0	0	d
		7.9717	529709.2	183702.7	20.85	0	0	0	0	d
		8.4699	529709.5	183702.2	20.85	0	0	0	0	d
		8.9681	529709.8	183701.8	20.85	0	0	0	0	d
		9.4663	529710	183701.4	20.85	0	0	0	0	d
		9.9646	529710.3	183701	20.85	0	0	0	0	d
		10.463	529710.5	183700.5	20.85	0	0	0	0	d
		10.961	529710.8	183700.1	20.85	0	0	0	0	d
		11.459	529711.1	183699.7	20.85	0	0	0	0	d
		11.957	529711.3	183699.3	20.85	0	0	0	0	d
		12.456	529711.6	183698.8	20.85	0	0	0	0	d
		12.954	529711.9	183698.4	20.85	0	0	0	0	d
		13.452	529712.1	183698	20.85	0	0	0	0	d
		13.95	529712.4	183697.6	20.85	0	0	0	0	d
		14.449	529712.6	183697.1	20.85	0	0	0	0	d
		14.947	529712.9	183696.7	20.85	0	0	0	0	d
		15.445	529713.2	183696.3	20.85	0	0	0	0	d
		15.943	529713.4	183695.9	20.85	0	0	0	0	d
		16.442	529713.7	183695.4	20.85	0	0	0	0	d
		16.94	529714	183695	20.85	0	0	0	0	d
		17.438	529714.2	183694.6	20.85	0	0	0	0	d
		17.936	529714.5	183694.2	20.85	0	0	0	0	d
		18.434	529714.7	183693.8	20.85	0	0	0	0	d
		18.933	529715	183693.3	20.85	0	0	0	0	d
		19.431	529715.3	183692.9	20.85	0	0	0	0	d
		19.929	529715.5	183692.5	20.85	0	0	0	0	d
		20.427	529715.8	183692.1	20.85	0	0	0	0	d
		20.926	529716	183691.6	20.85	0	0	0	0	d
		21.424	529716.3	183691.2	20.85	0	0	0	0	d
		21.922	529716.6	183690.8	20.85	0	0	0	0	d
		22.42	529716.8	183690.4	20.85	0	0	0	0	d
		22.919	529717.1	183689.9	20.85	0	0	0	0	d
		23.417	529717.4	183689.5	20.85	0	0	0	0	d
		23.915	529717.6	183689.1	20.85	0	0	0	0	d
		24.413	529717.9	183688.7	20.85	0	0	0	0	d
		24.911	529718.1	183688.2	20.85	0	0	0	0	d
		25.41	529718.4	183687.8	20.85	0	0	0	0	d
		25.908	529718.7	183687.4	20.85	0	0	0	0	d
		26.406	529718.9	183687	20.85	0	0	0	0	d
		26.904	529719.2	183686.5	20.85	0	0	0	0	d
		27.403	529719.5	183686.1	20.85	0	0	0	0	d
		27.901	529719.7	183685.7	20.85	0	0	0	0	d
		28.399	529720	183685.3	20.85	0	0	0	0	d

		28.897	529720.2	183684.9	20.85	0	0	0	0	d
		29.395	529720.5	183684.4	20.85	0	0	0	0	d
		29.894	529720.8	183684	20.85	0	0	0	0	d
		30.392	529721	183683.6	20.85	0	0	0	0	d
		30.89	529721.3	183683.2	20.85	0	0	0	0	d
		31.388	529721.6	183682.7	20.85	0	0	0	0	d
		31.887	529721.8	183682.3	20.85	0	0	0	0	d
		32.385	529722.1	183681.9	20.85	0	0	0	0	d
		32.883	529722.3	183681.5	20.85	0	0	0	0	d
		33.381	529722.6	183681	20.85	0	0	0	0	d
		33.88	529722.9	183680.6	20.85	0	0	0	0	d
		34.378	529723.1	183680.2	20.85	0	0	0	0	d
		34.876	529723.4	183679.8	20.85	0	0	0	0	d
		35.374	529723.6	183679.3	20.85	0	0	0	0	d
		35.872	529723.9	183678.9	20.85	0	0	0	0	d
		36.371	529724.2	183678.5	20.85	0	0	0	0	d
		36.869	529724.4	183678.1	20.85	0	0	0	0	d
		37.367	529724.7	183677.7	20.85	0	0	0	0	d
		37.865	529725	183677.2	20.85	0	0	0	0	d
		38.364	529725.2	183676.8	20.85	0	0	0	0	d
		38.862	529725.5	183676.4	20.85	0	0	0	0	d
		39.36	529725.7	183676	20.85	0	0	0	0	d
		39.858	529726	183675.5	20.85	0	0	0	0	d
		40.356	529726.3	183675.1	20.85	0	0	0	0	d
		40.855	529726.5	183674.7	20.85	0	0	0	0	d
		41.353	529726.8	183674.3	20.85	0	0	0	0	d
		41.851	529727.1	183673.8	20.85	0	0	0	0	d
		42.349	529727.3	183673.4	20.85	0	0	0	0	d
61	61 On piles	0	529737.2	183695.8	22.85	0	0	0	0	
		0.50203	529737.6	183696.1	22.85	0	0	0	0	
		1.0041	529738.1	183696.3	22.85	0	0	0	0	
		1.5061	529738.5	183696.5	22.85	0	0	0	0	
		2.0081	529738.9	183696.8	22.85	0	0	0	0	
		2.5101	529739.4	183697	22.85	0	0	0	0	
		3.0122	529739.8	183697.3	22.85	0	0	0	0	
		3.5142	529740.3	183697.5	22.85	0	0	0	0	
		4.0162	529740.7	183697.8	22.85	0	0	0	0	
		4.5182	529741.1	183698	22.85	0	0	0	0	
		5.0203	529741.6	183698.3	22.85	0	0	0	0	
		5.5223	529742	183698.5	22.85	0	0	0	0	
		6.0243	529742.4	183698.7	22.85	0	0	0	0	
		6.5263	529742.9	183699	22.85	0	0	0	0	
		7.0284	529743.3	183699.2	22.85	0	0	0	0	
		7.5304	529743.8	183699.5	22.85	0	0	0	0	
		8.0324	529744.2	183699.7	22.85	0	0	0	0	
		8.5344	529744.6	183700	22.85	0	0	0	0	
		9.0365	529745.1	183700.2	22.85	0	0	0	0	
		9.5385	529745.5	183700.5	22.85	0	0	0	0	
		10.041	529746	183700.7	22.85	0	0	0	0	
		10.543	529746.4	183700.9	22.85	0	0	0	0	
		11.045	529746.8	183701.2	22.85	0	0	0	0	
		11.547	529747.3	183701.4	22.85	0	0	0	0	
		12.049	529747.7	183701.7	22.85	0	0	0	0	
		12.551	529748.1	183701.9	22.85	0	0	0	0	
		13.053	529748.6	183702.2	22.85	0	0	0	0	
		13.555	529749	183702.4	22.85	0	0	0	0	
		14.057	529749.5	183702.7	22.85	0	0	0	0	
		14.559	529749.9	183702.9	22.85	0	0	0	0	
		15.061	529750.3	183703.2	22.85	0	0	0	0	
		15.563	529750.8	183703.4	22.85	0	0	0	0	
		16.065	529751.2	183703.6	22.85	0	0	0	0	
		16.567	529751.7	183703.9	22.85	0	0	0	0	
		17.069	529752.1	183704.1	22.85	0	0	0	0	
		17.571	529752.5	183704.4	22.85	0	0	0	0	
		18.073	529753	183704.6	22.85	0	0	0	0	
		18.575	529753.4	183704.9	22.85	0	0	0	0	
		19.077	529753.8	183705.1	22.85	0	0	0	0	
62	62 On piles	0	529737.2	183695.8	22.85	0	0	0	0	
		0.50049	529737.5	183695.4	22.85	0	0	0	0	
		1.001	529737.7	183695	22.85	0	0	0	0	
		1.5015	529738	183694.5	22.85	0	0	0	0	
		2.002	529738.3	183694.1	22.85	0	0	0	0	
		2.5025	529738.5	183693.7	22.85	0	0	0	0	
		3.003	529738.8	183693.3	22.85	0	0	0	0	
		3.5035	529739.1	183692.9	22.85	0	0	0	0	
		4.0039	529739.4	183692.4	22.85	0	0	0	0	
		4.5044	529739.6	183692	22.85	0	0	0	0	
		5.0049	529739.9	183691.6	22.85	0	0	0	0	
		5.5054	529740.2	183691.2	22.85	0	0	0	0	
		6.0059	529740.5	183690.8	22.85	0	0	0	0	
		6.5064	529740.7	183690.3	22.85	0	0	0	0	
		7.0069	529741	183689.9	22.85	0	0	0	0	
		7.5074	529741.3	183689.5	22.85	0	0	0	0	
		8.0079	529741.5	183689.1	22.85	0	0	0	0	
		8.5084	529741.8	183688.7	22.85	0	0	0	0	
		9.0089	529742.1	183688.2	22.85	0	0	0	0	
		9.5094	529742.4	183687.8	22.85	0	0	0	0	
		10.01	529742.6	183687.4	22.85	0	0	0	0	
		10.51	529742.9	183687	22.85	0	0	0	0	
		11.011	529743.2	183686.6	22.85	0	0	0	0	
		11.511	529743.4	183686.1	22.85	0	0	0	0	
		12.012	529743.7	183685.7	22.85	0	0	0	0	
		12.512	529744	183685.3	22.85	0	0	0	0	
		13.013	529744.3	183684.9	22.85	0	0	0	0	
		13.513	529744.5	183684.5	22.85	0	0	0	0	
		14.014	529744.8	183684	22.85	0	0	0	0	
		14.514	529745.1	183683.6	22.85	0	0	0	0	
		15.015	529745.4	183683.2	22.85	0	0	0	0	
		15.515	529745.6	183682.8	22.85	0	0	0	0	
		16.016	529745.9	183682.4	22.85	0	0	0	0	
		16.516	529746.2	183681.9	22.85	0	0	0	0	
		17.017	529746.4	183681.5	22.85	0	0	0	0	
		17.517	529746.7	183681.1	22.85	0	0	0	0	
		18.018	529747	183680.7	22.85	0	0	0	0	
		18.518	529747.3	183680.3	22.85	0	0	0	0	
		19.019	529747.5	183679.8	22.85	0	0	0	0	
		19.519	529747.8	183679.4	22.85	0	0	0	0	
		20.02	529748.1	183679	22.85	0	0	0	0	
		20.52	529748.3	183678.6	22.85	0	0	0	0	
		21.021	529748.6	183678.2	22.85	0	0	0	0	
		21.521	529748.9	183677.7	22.85	0	0	0	0	
		22.022	529749.2	183677.3	22.85	0	0	0	0	
		22.522	529749.4	183676.9	22.85	0	0	0	0	
		23.023	529749.7	183676.5	22.85	0	0	0	0	
		23.523	529750	183676.1	22.85	0	0	0	0	
		24.024	529750.3	183675.6	22.85	0	0	0	0	
		24.524	529750.5	183675.2	22.85	0	0	0	0	
		25.025	529750.8	183674.8	22.85	0	0	0	0	
		25.525	529751.1	183674.4	22.85	0	0	0	0	
		26.026	529751.3	183674	22.85	0	0	0	0	
		26.526	529751.6	183673.5	22.85	0	0	0	0	
		27.027	529751.9	183673.1	22.85	0	0	0	0	

		27.527	529752.2	183672.7	22.85	0	0	0	0
		28.028	529752.4	183672.3	22.85	0	0	0	0
		28.528	529752.7	183671.9	22.85	0	0	0	0
		29.029	529753	183671.4	22.85	0	0	0	0
		29.529	529753.2	183671	22.85	0	0	0	0
		30.03	529753.5	183670.6	22.85	0	0	0	0
		30.53	529753.8	183670.2	22.85	0	0	0	0
		31.031	529754.1	183669.8	22.85	0	0	0	0
		31.531	529754.3	183669.3	22.85	0	0	0	0
		32.032	529754.6	183668.9	22.85	0	0	0	0
		32.532	529754.9	183668.5	22.85	0	0	0	0
		33.033	529755.2	183668.1	22.85	0	0	0	0
		33.533	529755.4	183667.7	22.85	0	0	0	0
		34.034	529755.7	183667.2	22.85	0	0	0	0
		34.534	529756	183666.8	22.85	0	0	0	0
		35.035	529756.2	183666.4	22.85	0	0	0	0
		35.535	529756.5	183666	22.85	0	0	0	0
		36.036	529756.8	183665.6	22.85	0	0	0	0
		36.536	529757.1	183665.1	22.85	0	0	0	0
		37.037	529757.3	183664.7	22.85	0	0	0	0
		37.537	529757.6	183664.3	22.85	0	0	0	0
		38.038	529757.9	183663.9	22.85	0	0	0	0
		38.538	529758.1	183663.5	22.85	0	0	0	0
		39.039	529758.4	183663	22.85	0	0	0	0
		39.539	529758.7	183662.6	22.85	0	0	0	0
		40.039	529759	183662.2	22.85	0	0	0	0
		40.54	529759.2	183661.8	22.85	0	0	0	0
		41.04	529759.5	183661.4	22.85	0	0	0	0
		41.541	529759.8	183660.9	22.85	0	0	0	0
		42.041	529760	183660.5	22.85	0	0	0	0
		42.542	529760.3	183660.1	22.85	0	0	0	0
		43.042	529760.6	183659.7	22.85	0	0	0	0
		43.543	529760.9	183659.3	22.85	0	0	0	0
		44.043	529761.1	183658.8	22.85	0	0	0	0
		44.544	529761.4	183658.4	22.85	0	0	0	0
		45.044	529761.7	183658	22.85	0	0	0	0
		45.545	529762	183657.6	22.85	0	0	0	0
		46.045	529762.2	183657.2	22.85	0	0	0	0
		46.546	529762.5	183656.7	22.85	0	0	0	0
		47.046	529762.8	183656.3	22.85	0	0	0	0
		47.547	529763	183655.9	22.85	0	0	0	0
		48.047	529763.3	183655.5	22.85	0	0	0	0
		48.548	529763.6	183655.1	22.85	0	0	0	0
		49.048	529763.9	183654.6	22.85	0	0	0	0
		49.549	529764.1	183654.2	22.85	0	0	0	0
		50.049	529764.4	183653.8	22.85	0	0	0	0
		50.55	529764.7	183653.4	22.85	0	0	0	0
		51.05	529764.9	183653	22.85	0	0	0	0
		51.551	529765.2	183652.5	22.85	0	0	0	0
		52.051	529765.5	183652.1	22.85	0	0	0	0
		52.552	529765.8	183651.7	22.85	0	0	0	0
		53.052	529766	183651.3	22.85	0	0	0	0
		53.553	529766.3	183650.9	22.85	0	0	0	0
		54.053	529766.6	183650.4	22.85	0	0	0	0
		54.554	529766.9	183650	22.85	0	0	0	0
		55.054	529767.1	183649.6	22.85	0	0	0	0
		55.555	529767.4	183649.2	22.85	0	0	0	0
		56.055	529767.7	183648.8	22.85	0	0	0	0
		56.556	529767.9	183648.3	22.85	0	0	0	0
		57.056	529768.2	183647.9	22.85	0	0	0	0
		57.557	529768.5	183647.5	22.85	0	0	0	0
		58.057	529768.8	183647.1	22.85	0	0	0	0
		58.558	529769	183646.7	22.85	0	0	0	0
		59.058	529769.3	183646.2	22.85	0	0	0	0
		59.559	529769.6	183645.8	22.85	0	0	0	0
		60.059	529769.8	183645.4	22.85	0	0	0	0
		60.56	529770.1	183645	22.85	0	0	0	0
		61.06	529770.4	183644.6	22.85	0	0	0	0
		61.561	529770.7	183644.1	22.85	0	0	0	0
		62.061	529770.9	183643.7	22.85	0	0	0	0
		62.562	529771.2	183643.3	22.85	0	0	0	0
		63.062	529771.5	183642.9	22.85	0	0	0	0
		63.563	529771.8	183642.5	22.85	0	0	0	0
		64.063	529772	183642	22.85	0	0	0	0
		64.564	529772.3	183641.6	22.85	0	0	0	0
		65.064	529772.6	183641.2	22.85	0	0	0	0
		65.565	529772.8	183640.8	22.85	0	0	0	0
		66.065	529773.1	183640.4	22.85	0	0	0	0
		66.566	529773.4	183639.9	22.85	0	0	0	0
		67.066	529773.7	183639.5	22.85	0	0	0	0
		67.567	529773.9	183639.1	22.85	0	0	0	0
		68.067	529774.2	183638.7	22.85	0	0	0	0
		68.568	529774.5	183638.3	22.85	0	0	0	0
		69.068	529774.7	183637.8	22.85	0	0	0	0
		69.569	529775	183637.4	22.85	0	0	0	0
		70.069	529775.3	183637	22.85	0	0	0	0
		70.57	529775.6	183636.6	22.85	0	0	0	0
		71.07	529775.8	183636.2	22.85	0	0	0	0
		71.571	529776.1	183635.7	22.85	0	0	0	0
		72.071	529776.4	183635.3	22.85	0	0	0	0
		72.572	529776.7	183634.9	22.85	0	0	0	0
		73.072	529776.9	183634.5	22.85	0	0	0	0
		73.573	529777.2	183634.1	22.85	0	0	0	0
		74.073	529777.5	183633.6	22.85	0	0	0	0
		74.574	529777.7	183633.2	22.85	0	0	0	0
		75.074	529778	183632.8	22.85	0	0	0	0
		75.575	529778.3	183632.4	22.85	0	0	0	0
		76.075	529778.6	183632	22.85	0	0	0	0
		76.576	529778.8	183631.5	22.85	0	0	0	0
		77.076	529779.1	183631.1	22.85	0	0	0	0
		77.577	529779.4	183630.7	22.85	0	0	0	0
		78.077	529779.6	183630.3	22.85	0	0	0	0
		78.578	529779.9	183629.9	22.85	0	0	0	0
		79.078	529780.2	183629.4	22.85	0	0	0	0
		79.578	529780.5	183629	22.85	0	0	0	0
		80.079	529780.7	183628.6	22.85	0	0	0	0
		80.579	529781	183628.2	22.85	0	0	0	0
		81.08	529781.3	183627.8	22.85	0	0	0	0
63	63 On piles	0	529781.3	183627.8	22.85	0	0	0	0
		0.50257	529781.7	183628	22.85	0	0	0	0
		1.0051	529782.1	183628.3	22.85	0	0	0	0
		1.5077	529782.6	183628.5	22.85	0	0	0	0
		2.0103	529783	183628.8	22.85	0	0	0	0
		2.5128	529783.4	183629	22.85	0	0	0	0
		3.0154	529783.9	183629.3	22.85	0	0	0	0
		3.518	529784.3	183629.6	22.85	0	0	0	0
		4.0205	529784.7	183629.8	22.85	0	0	0	0
		4.5231	529785.2	183630.1	22.85	0	0	0	0
		5.0257	529785.6	183630.3	22.85	0	0	0	0
		5.5282	529786	183630.6	22.85	0	0	0	0
		6.0308	529786.5	183630.8	22.85	0	0	0	0
		6.5334	529786.9	183631.1	22.85	0	0	0	0

			7.0359	529787.3	183631.4	22.85	0	0	0	0
			7.5385	529787.8	183631.6	22.85	0	0	0	0
			8.0411	529788.2	183631.9	22.85	0	0	0	0
			8.5436	529788.6	183632.1	22.85	0	0	0	0
			9.0462	529789	183632.4	22.85	0	0	0	0
			9.5488	529789.5	183632.6	22.85	0	0	0	0
			10.051	529789.9	183632.9	22.85	0	0	0	0
			10.554	529790.3	183633.2	22.85	0	0	0	0
			11.056	529790.8	183633.4	22.85	0	0	0	0
			11.559	529791.2	183633.7	22.85	0	0	0	0
			12.062	529791.6	183633.9	22.85	0	0	0	0
			12.564	529792.1	183634.2	22.85	0	0	0	0
			13.067	529792.5	183634.5	22.85	0	0	0	0
			13.569	529792.9	183634.7	22.85	0	0	0	0
			14.072	529793.4	183635	22.85	0	0	0	0
			14.574	529793.8	183635.2	22.85	0	0	0	0
			15.077	529794.2	183635.5	22.85	0	0	0	0
			15.58	529794.7	183635.7	22.85	0	0	0	0
			16.082	529795.1	183636	22.85	0	0	0	0
			16.585	529795.5	183636.3	22.85	0	0	0	0
			17.087	529796	183636.5	22.85	0	0	0	0
			17.59	529796.4	183636.8	22.85	0	0	0	0
			18.092	529796.8	183637	22.85	0	0	0	0
			18.595	529797.3	183637.3	22.85	0	0	0	0
			19.098	529797.7	183637.5	22.85	0	0	0	0
			19.6	529798.1	183637.8	22.85	0	0	0	0
			20.103	529798.5	183638.1	22.85	0	0	0	0
			20.605	529799	183638.3	22.85	0	0	0	0
			21.108	529799.4	183638.6	22.85	0	0	0	0
			21.61	529799.8	183638.8	22.85	0	0	0	0
			22.113	529800.3	183639.1	22.85	0	0	0	0
			22.615	529800.7	183639.3	22.85	0	0	0	0
			23.118	529801.1	183639.6	22.85	0	0	0	0
			23.621	529801.6	183639.9	22.85	0	0	0	0
			24.123	529802	183640.1	22.85	0	0	0	0
			24.626	529802.4	183640.4	22.85	0	0	0	0
			25.128	529802.9	183640.6	22.85	0	0	0	0
			25.631	529803.3	183640.9	22.85	0	0	0	0
			26.133	529803.7	183641.1	22.85	0	0	0	0
			26.636	529804.2	183641.4	22.85	0	0	0	0
			27.139	529804.6	183641.7	22.85	0	0	0	0
			27.641	529805	183641.9	22.85	0	0	0	0
			28.144	529805.5	183642.2	22.85	0	0	0	0
			28.646	529805.9	183642.4	22.85	0	0	0	0
			29.149	529806.3	183642.7	22.85	0	0	0	0
			29.651	529806.8	183642.9	22.85	0	0	0	0
64	64	Shallow	0	529669.7	183755.5	18.5	0	0	0	0 d
			0.49839	529670	183755.1	18.5	0	0	0	0 d
			0.99678	529670.3	183754.6	18.5	0	0	0	0 d
			1.4952	529670.6	183754.2	18.5	0	0	0	0 d
			1.9936	529670.9	183753.8	18.5	0	0	0	0 d
			2.492	529671.1	183753.4	18.5	0	0	0	0 d
			2.9904	529671.4	183753	18.5	0	0	0	0 d
			3.4887	529671.7	183752.6	18.5	0	0	0	0 d
			3.9871	529672	183752.2	18.5	0	0	0	0 d
			4.4855	529672.3	183751.7	18.5	0	0	0	0 d
			4.9839	529672.5	183751.3	18.5	0	0	0	0 d
			5.4823	529672.8	183750.9	18.5	0	0	0	0 d
			5.9807	529673.1	183750.5	18.5	0	0	0	0 d
			6.4791	529673.4	183750.1	18.5	0	0	0	0 d
			6.9775	529673.6	183749.7	18.5	0	0	0	0 d
			7.4759	529673.9	183749.3	18.5	0	0	0	0 d
			7.9743	529674.2	183748.9	18.5	0	0	0	0 d
			8.4727	529674.5	183748.4	18.5	0	0	0	0 d
			8.9711	529674.8	183748	18.5	0	0	0	0 d
			9.4695	529675	183747.6	18.5	0	0	0	0 d
			9.9678	529675.3	183747.2	18.5	0	0	0	0 d
			10.466	529675.6	183746.8	18.5	0	0	0	0 d
			10.965	529675.9	183746.4	18.5	0	0	0	0 d
			11.463	529676.2	183746	18.5	0	0	0	0 d
			11.961	529676.4	183745.5	18.5	0	0	0	0 d
			12.46	529676.7	183745.1	18.5	0	0	0	0 d
			12.958	529677	183744.7	18.5	0	0	0	0 d
			13.457	529677.3	183744.3	18.5	0	0	0	0 d
			13.955	529677.5	183743.9	18.5	0	0	0	0 d
			14.453	529677.8	183743.5	18.5	0	0	0	0 d
			14.952	529678.1	183743.1	18.5	0	0	0	0 d
			15.45	529678.4	183742.7	18.5	0	0	0	0 d
			15.949	529678.7	183742.2	18.5	0	0	0	0 d
			16.447	529678.9	183741.8	18.5	0	0	0	0 d
			16.945	529679.2	183741.4	18.5	0	0	0	0 d
			17.444	529679.5	183741	18.5	0	0	0	0 d
			17.942	529679.8	183740.6	18.5	0	0	0	0 d
			18.441	529680	183740.2	18.5	0	0	0	0 d
			18.939	529680.3	183739.8	18.5	0	0	0	0 d
			19.437	529680.6	183739.3	18.5	0	0	0	0 d
			19.936	529680.9	183738.9	18.5	0	0	0	0 d
			20.434	529681.2	183738.5	18.5	0	0	0	0 d
			20.932	529681.4	183738.1	18.5	0	0	0	0 d
			21.431	529681.7	183737.7	18.5	0	0	0	0 d
			21.929	529682	183737.3	18.5	0	0	0	0 d
			22.428	529682.3	183736.9	18.5	0	0	0	0 d
			22.926	529682.6	183736.5	18.5	0	0	0	0 d
			23.424	529682.8	183736	18.5	0	0	0	0 d
			23.923	529683.1	183735.6	18.5	0	0	0	0 d
			24.421	529683.4	183735.2	18.5	0	0	0	0 d
			24.92	529683.7	183734.8	18.5	0	0	0	0 d
			25.418	529683.9	183734.4	18.5	0	0	0	0 d
			25.916	529684.2	183734	18.5	0	0	0	0 d
			26.415	529684.5	183733.6	18.5	0	0	0	0 d
			26.913	529684.8	183733.1	18.5	0	0	0	0 d
			27.412	529685.1	183732.7	18.5	0	0	0	0 d
			27.91	529685.3	183732.3	18.5	0	0	0	0 d
			28.408	529685.6	183731.9	18.5	0	0	0	0 d
			28.907	529685.9	183731.5	18.5	0	0	0	0 d
			29.405	529686.2	183731.1	18.5	0	0	0	0 d
			29.904	529686.5	183730.7	18.5	0	0	0	0 d
			30.402	529686.7	183730.2	18.5	0	0	0	0 d
			30.9	529687	183729.8	18.5	0	0	0	0 d
			31.399	529687.3	183729.4	18.5	0	0	0	0 d
			31.897	529687.6	183729	18.5	0	0	0	0 d
			32.395	529687.8	183728.6	18.5	0	0	0	0 d
			32.894	529688.1	183728.2	18.5	0	0	0	0 d
			33.392	529688.4	183727.8	18.5	0	0	0	0 d
			33.891	529688.7	183727.4	18.5	0	0	0	0 d
			34.389	529689	183726.9	18.5	0	0	0	0 d
			34.887	529689.2	183726.5	18.5	0	0	0	0 d
			35.386	529689.5	183726.1	18.5	0	0	0	0 d
			35.884	529689.8	183725.7	18.5	0	0	0	0 d
			36.383	529690.1	183725.3	18.5	0	0	0	0 d
			36.881	529690.3	183724.9	18.5	0	0	0	0 d
			37.379	529690.6	183724.5	18.5	0	0	0	0 d

65	65 Shallow	0	529690.6	183724.5	18.5	0	0	0	0 d
		0.4987	529690.2	183724.2	18.5	0	0	0	0 d
		0.99741	529689.8	183723.9	18.5	0	0	0	0 d
		1.4961	529689.4	183723.6	18.5	0	0	0	0 d
		1.9948	529689	183723.4	18.5	0	0	0	0 d
		2.4935	529688.5	183723.1	18.5	0	0	0	0 d
		2.9922	529688.1	183722.8	18.5	0	0	0	0 d
		3.4909	529687.7	183722.5	18.5	0	0	0	0 d
		3.9896	529687.3	183722.3	18.5	0	0	0	0 d
		4.4883	529686.9	183722	18.5	0	0	0	0 d
		4.987	529686.5	183721.7	18.5	0	0	0	0 d
		5.4857	529686.1	183721.4	18.5	0	0	0	0 d
		5.9844	529685.6	183721.2	18.5	0	0	0	0 d
		6.4831	529685.2	183720.9	18.5	0	0	0	0 d
		6.9818	529684.8	183720.6	18.5	0	0	0	0 d
		7.4805	529684.4	183720.3	18.5	0	0	0	0 d
		7.9792	529684	183720.1	18.5	0	0	0	0 d
		8.478	529683.6	183719.8	18.5	0	0	0	0 d
		8.9767	529683.1	183719.5	18.5	-0.01959	-0.07252	0.056412	0.049599 d
		9.4754	529682.7	183719.2	18.5	-0.07393	-0.28695	0.22023	0.19826 d
		9.9741	529682.3	183718.9	18.5	-0.1233	-0.50331	0.38096	0.35127 d
		10.473	529681.9	183718.7	18.5	-0.16757	-0.7216	0.53851	0.50872 d
		10.971	529681.5	183718.4	18.5	-0.20661	-0.94185	0.69279	0.67068 d
		11.47	529681.1	183718.1	18.5	-0.24027	-1.1641	0.84367	0.83725 d
		11.969	529680.7	183717.8	18.5	-0.26844	-1.3883	0.99106	1.0085 d
		12.468	529680.2	183717.6	18.5	-0.29096	-1.6144	1.1349	1.1845 d
		12.966	529679.8	183717.3	18.5	-0.30772	-1.8426	1.2749	1.3654 d
		13.465	529679.4	183717	18.5	-0.32675	-2.1259	1.4474	1.591 d
		13.964	529679	183716.7	18.5	-0.34251	-2.4409	1.6347	1.8448 d
		14.462	529678.6	183716.5	18.5	-0.34992	-2.7583	1.8163	2.1052 d
		14.961	529678.2	183716.2	18.5	-0.34883	-3.0779	1.992	2.3721 d
		15.46	529677.7	183715.9	18.5	-0.33911	-3.3998	2.1618	2.6457 d
		15.958	529677.3	183715.6	18.5	-0.3206	-3.7239	2.3256	2.926 d
		16.457	529676.9	183715.4	18.5	-0.2932	-4.0501	2.4831	3.2131 d
		16.956	529676.5	183715.1	18.5	-0.25676	-4.3785	2.6342	3.5069 d
		17.455	529676.1	183714.8	18.5	-0.21121	-4.7089	2.7789	3.8074 d
		17.953	529675.7	183714.5	18.5	-0.15643	-5.0413	2.9169	4.1146 d
		18.452	529675.2	183714.3	18.5	-0.09236	-5.3754	3.0482	4.4285 d
		18.951	529674.8	183714	18.5	-0.01894	-5.711	3.1726	4.7488 d
		19.449	529674.4	183713.7	18.5	0.063851	-6.0481	3.2899	5.0754 d
		19.948	529674	183713.4	18.5	0.15602	-6.3863	3.4	5.4082 d
		20.447	529673.6	183713.2	18.5	0.25754	-6.7254	3.5029	5.7469 d
		20.946	529673.2	183712.9	18.5	0.36541	-8.8987	4.6143	7.6176 d
		21.444	529672.8	183712.6	18.5	0.45049	-8.0937	4.0984	6.9938 d
		21.943	529672.3	183712.3	18.5	0.61252	-8.2772	4.0648	7.2363 d
		22.442	529671.9	183712.1	18.5	0.78674	-8.4435	4.0116	7.4712 d
		22.94	529671.5	183711.8	18.5	0.97291	-8.5924	3.9387	7.6982 d
		23.439	529671.1	183711.5	18.5	1.1707	-8.7238	3.8465	7.917 d
		23.938	529670.7	183711.2	18.5	1.3798	-8.8374	3.7351	8.1273 d
		24.436	529670.3	183711	18.5	1.5996	-8.9332	3.6048	8.3286 d
		24.935	529669.8	183710.7	18.5	1.8298	-9.0112	3.4561	8.5208 d
		25.434	529669.4	183710.4	18.5	2.0696	-9.0712	3.2895	8.7034 d
		25.933	529669	183710.1	18.5	2.3184	-9.1135	3.1055	8.8762 d
		26.431	529668.6	183709.9	18.5	2.5754	-9.138	2.9049	9.0387 d
		26.93	529668.2	183709.6	18.5	2.8398	-9.145	2.6885	9.1907 d
		27.429	529667.8	183709.3	18.5	3.1312	-9.1985	2.4751	9.3964 d
		27.927	529667.4	183709	18.5	3.4473	-9.2942	2.2646	9.6507 d
		28.426	529666.9	183708.7	18.5	3.769	-9.3773	2.0425	9.8979 d
		28.925	529666.5	183708.5	18.5	4.095	-9.4479	1.8098	10.137 d
		29.423	529666.1	183708.2	18.5	4.4239	-9.5057	1.5677	10.367 d
		29.922	529665.7	183707.9	18.5	4.7542	-9.5508	1.3174	10.587 d
		30.421	529665.3	183707.6	18.5	5.0843	-9.583	1.0601	10.796 d
		30.92	529664.9	183707.4	18.5	5.4126	-9.6024	0.79718	10.994 d
		31.418	529664.4	183707.1	18.5	5.7376	-9.609	0.53004	11.179 d
		31.917	529664	183706.8	18.5	6.0574	-9.6028	0.26007	11.351 d
		32.416	529663.6	183706.5	18.5	7.1879	-10.824	-0.00692	12.993 d
		32.914	529663.2	183706.3	18.5	7.1877	-10.824	-0.00692	12.993 d
		33.413	529662.8	183706	18.5	7.1875	-10.823	-0.00692	12.993 d
		33.912	529662.4	183705.7	18.5	7.1873	-10.823	-0.00692	12.992 d
		34.411	529662	183705.4	18.5	7.1871	-10.823	-0.00692	12.992 d
		34.909	529661.5	183705.2	18.5	7.1869	-10.823	-0.00692	12.992 d
		35.408	529661.1	183704.9	18.5	7.1867	-10.822	-0.00692	12.991 d
		35.907	529660.7	183704.6	18.5	7.1865	-10.822	-0.00692	12.991 d
		36.405	529660.3	183704.3	18.5	7.1864	-10.822	-0.00692	12.991 d
		36.904	529659.9	183704.1	18.5	7.1862	-10.821	-0.00692	12.99 d
		37.403	529659.5	183703.8	18.5	7.186	-10.821	-0.00692	12.99 d
		37.901	529659	183703.5	18.5	7.1858	-10.821	-0.00692	12.99 d
		38.4	529658.6	183703.2	18.5	7.1856	-10.821	-0.00692	12.989 d
		38.899	529658.2	183703	18.5	7.1854	-10.82	-0.00692	12.989 d
		39.398	529657.8	183702.7	18.5	7.1852	-10.82	-0.00692	12.988 d
		39.896	529657.4	183702.4	18.5	7.185	-10.82	-0.00692	12.988 d
		40.395	529657	183702.1	18.5	7.1848	-10.819	-0.00692	12.988 d
		40.894	529656.5	183701.9	18.5	7.1847	-10.819	-0.00692	12.987 d
		41.392	529656.1	183701.6	18.5	7.1845	-10.819	-0.00692	12.987 d
		41.891	529655.7	183701.3	18.5	7.1843	-10.819	-0.00692	12.987 d
		42.39	529655.3	183701	18.5	7.1841	-10.818	-0.00692	12.986 d
		42.888	529654.9	183700.8	18.5	7.1839	-10.818	-0.00692	12.986 d
		43.387	529654.5	183700.5	18.5	7.1837	-10.818	-0.00692	12.986 d
		43.886	529654.1	183700.2	18.5	7.1835	-10.818	-0.00692	12.985 d
		44.385	529653.6	183699.9	18.5	7.1833	-10.817	-0.00692	12.985 d
		44.883	529653.2	183699.7	18.5	7.1831	-10.817	-0.00692	12.985 d
		45.382	529652.8	183699.4	18.5	7.183	-10.817	-0.00692	12.984 d
		45.881	529652.4	183699.1	18.5	7.1828	-10.816	-0.00692	12.984 d
		46.379	529652	183698.8	18.5	7.1826	-10.816	-0.00692	12.984 d
		46.878	529651.6	183698.5	18.5	7.1824	-10.816	-0.00692	12.983 d
		47.377	529651.1	183698.3	18.5	7.1822	-10.816	-0.00692	12.983 d
		47.875	529650.7	183698	18.5	7.182	-10.815	-0.00692	12.983 d
		48.374	529650.3	183697.7	18.5	7.1818	-10.815	-0.00692	12.982 d
		48.873	529649.9	183697.4	18.5	7.1816	-10.815	-0.00692	12.982 d
		49.372	529649.5	183697.2	18.5	7.1814	-10.814	-0.00692	12.982 d
		49.87	529649.1	183696.9	18.5	7.1812	-10.814	-0.00692	12.981 d
		50.369	529648.7	183696.6	18.5	7.1811	-10.814	-0.00692	12.981 d
		50.868	529648.2	183696.3	18.5	7.1809	-10.814	-0.00692	12.981 d
		51.366	529647.8	183696.1	18.5	7.1807	-10.813	-0.00692	12.98 d
		51.865	529647.4	183695.8	18.5	7.1805	-10.813	-0.00692	12.98 d
		52.364	529647	183695.5	18.5	7.1803	-10.813	-0.00692	12.98 d
		52.863	529646.6	183695.2	18.5	7.1801	-10.812	-0.00692	12.979 d
		53.361	529646.2	183695	18.5	7.1799	-10.812	-0.00692	12.979 d
		53.86	529645.7	183694.7	18.5	7.1797	-10.812	-0.00691	12.979 d
		54.359	529645.3	183694.4	18.5	7.1795	-10.812	-0.00691	12.978 d
		54.857	529644.9	183694.1	18.5	7.1794	-10.811	-0.00691	12.978 d
		55.356	529644.5	183693.9	18.5	7.1792	-10.811	-0.00691	12.978 d
		55.855	529644.1	183693.6	18.5	7.179	-10.811	-0.00691	12.977 d
		56.353	529643.7	183693.3	18.5	7.1788	-10.81	-0.00691	12.977 d
		56.852	529643.2	183693	18.5	7.1786	-10.81	-0.00691	12.977 d
		57.351	529642.8	183692.8	18.5	7.1784	-10.81	-0.00691	12.976 d
		57.85	529642.4	183692.5	18.5	7.1782	-10.81	-0.00691	12.976 d
		58.348	529642	183692.2	18.5	7.178	-10.809	-0.00691	12.976 d
		58.847	529641.6	183691.9	18.5	7.1778	-10.809	-0.00691	12.975 d
		59.346	529641.2	183691.7	18.5	7.1777	-10.809	-0.00691	12.975 d
		59.844	529640.8	183691.4	18.5	7.1775	-10.808	-0.00691	12.974 d
		60.343	529640.3	183691.1	18.5	7.1773	-10.808	-0.00691	12.974 d

			60.842	529639.9	183690.8	18.5	7.1771	-10.808	-0.00691	12.974	d
			61.34	529639.5	183690.6	18.5	7.1769	-10.808	-0.00691	12.973	d
			61.839	529639.1	183690.3	18.5	7.1767	-10.807	-0.00691	12.973	d
			62.338	529638.7	183690	18.5	7.1765	-10.807	-0.00691	12.973	d
			62.837	529638.3	183689.7	18.5	7.1763	-10.807	-0.00691	12.972	d
			63.335	529637.8	183689.5	18.5	7.1761	-10.806	-0.00691	12.972	d
			63.834	529637.4	183689.2	18.5	7.176	-10.806	-0.00691	12.972	d
			64.333	529637	183688.9	18.5	7.1758	-10.806	-0.00691	12.971	d
			64.831	529636.6	183688.6	18.5	7.1756	-10.806	-0.00691	12.971	d
			65.33	529636.2	183688.4	18.5	7.1754	-10.805	-0.00691	12.971	d
			65.829	529635.8	183688.1	18.5	7.1752	-10.805	-0.00691	12.97	d
			66.327	529635.4	183687.8	18.5	7.175	-10.805	-0.00691	12.97	d
			66.826	529634.9	183687.5	18.5	7.1748	-10.804	-0.00691	12.97	d
			67.325	529634.5	183687.2	18.5	7.1746	-10.804	-0.00691	12.969	d
			67.824	529634.1	183687	18.5	7.1744	-10.804	-0.00691	12.969	d
			68.322	529633.7	183686.7	18.5	7.1743	-10.804	-0.00691	12.969	d
			68.821	529633.3	183686.4	18.5	7.1741	-10.803	-0.00691	12.968	d
			69.32	529632.9	183686.1	18.5	7.1739	-10.803	-0.00691	12.968	d
			69.818	529632.4	183685.9	18.5	7.1737	-10.803	-0.00691	12.968	d
			70.317	529632	183685.6	18.5	7.1735	-10.802	-0.00691	12.967	d
			70.816	529631.6	183685.3	18.5	7.1733	-10.802	-0.00691	12.967	d
			71.315	529631.2	183685	18.5	7.1731	-10.802	-0.00691	12.967	d
			71.813	529630.8	183684.8	18.5	7.1729	-10.802	-0.00691	12.966	d
			72.312	529630.4	183684.5	18.5	7.1727	-10.801	-0.00691	12.966	d
			72.811	529629.9	183684.2	18.5	7.1726	-10.801	-0.00691	12.966	d
			73.309	529629.5	183683.9	18.5	7.1724	-10.801	-0.00691	12.965	d
			73.808	529629.1	183683.7	18.5	7.1722	-10.8	-0.00691	12.965	d
			74.307	529628.7	183683.4	18.5	7.172	-10.8	-0.00691	12.965	d
			74.805	529628.3	183683.1	18.5	7.1718	-10.8	-0.00691	12.964	d
			75.304	529627.9	183682.8	18.5	7.1716	-10.8	-0.00691	12.964	d
			75.803	529627.5	183682.6	18.5	7.1714	-10.799	-0.00691	12.964	d
			76.302	529627	183682.3	18.5	7.1712	-10.799	-0.00691	12.963	d
			76.8	529626.6	183682	18.5	7.171	-10.799	-0.00691	12.963	d
			77.299	529626.2	183681.7	18.5	7.1709	-10.798	-0.00691	12.963	d
			77.798	529625.8	183681.5	18.5	7.1707	-10.798	-0.00691	12.962	d
			78.296	529625.4	183681.2	18.5	7.1705	-10.798	-0.00691	12.962	d
			78.795	529625	183680.9	18.5	7.1703	-10.798	-0.00691	12.962	d
			79.294	529624.5	183680.6	18.5	7.1701	-10.797	-0.00691	12.961	d
66	66	Shallow	0	529603.9	183712	18.5	0	0	0	0	d
			0.50123	529604.1	183711.6	18.5	0	0	0	0	d
			1.0025	529604.4	183711.2	18.5	0	0	0	0	d
			1.5037	529604.7	183710.8	18.5	0	0	0	0	d
			2.0049	529605	183710.3	18.5	0	0	0	0	d
			2.5062	529605.2	183709.9	18.5	0	0	0	0	d
			3.0074	529605.5	183709.5	18.5	0	0	0	0	d
			3.5086	529605.8	183709.1	18.5	0	0	0	0	d
			4.0098	529606.1	183708.7	18.5	0	0	0	0	d
			4.5111	529606.3	183708.3	18.5	0	0	0	0	d
			5.0123	529606.6	183707.8	18.5	0	0	0	0	d
			5.5135	529606.9	183707.4	18.5	0	0	0	0	d
			6.0148	529607.2	183707	18.5	0	0	0	0	d
			6.516	529607.4	183706.6	18.5	0	0	0	0	d
			7.0172	529607.7	183706.2	18.5	0	0	0	0	d
			7.5185	529608	183705.7	18.5	0	0	0	0	d
			8.0197	529608.3	183705.3	18.5	0	0	0	0	d
			8.5209	529608.5	183704.9	18.5	0	0	0	0	d
			9.0221	529608.8	183704.5	18.5	0	0	0	0	d
			9.5234	529609.1	183704.1	18.5	0	0	0	0	d
			10.025	529609.4	183703.7	18.5	0	0	0	0	d
			10.526	529609.7	183703.2	18.5	0	0	0	0	d
			11.027	529609.9	183702.8	18.5	0	0	0	0	d
			11.528	529610.2	183702.4	18.5	0	0	0	0	d
			12.03	529610.5	183702	18.5	0	0	0	0	d
			12.531	529610.8	183701.6	18.5	0	0	0	0	d
			13.032	529611	183701.1	18.5	0	0	0	0	d
			13.533	529611.3	183700.7	18.5	0	0	0	0	d
			14.034	529611.6	183700.3	18.5	0	0	0	0	d
			14.536	529611.9	183699.9	18.5	0	0	0	0	d
			15.037	529612.1	183699.5	18.5	0	0	0	0	d
			15.538	529612.4	183699	18.5	0	0	0	0	d
			16.039	529612.7	183698.6	18.5	0	0	0	0	d
			16.541	529613	183698.2	18.5	0	0	0	0	d
			17.042	529613.2	183697.8	18.5	0	0	0	0	d
			17.543	529613.5	183697.4	18.5	0	0	0	0	d
			18.044	529613.8	183697	18.5	0	0	0	0	d
			18.546	529614.1	183696.5	18.5	0	0	0	0	d
			19.047	529614.3	183696.1	18.5	0	0	0	0	d
			19.548	529614.6	183695.7	18.5	0	0	0	0	d
			20.049	529614.9	183695.3	18.5	0	0	0	0	d
			20.55	529615.2	183694.9	18.5	0	0	0	0	d
			21.052	529615.4	183694.4	18.5	0	0	0	0	d
			21.553	529615.7	183694	18.5	0	0	0	0	d
			22.054	529616	183693.6	18.5	0	0	0	0	d
			22.555	529616.3	183693.2	18.5	0	0	0	0	d
			23.057	529616.5	183692.8	18.5	0	0	0	0	d
			23.558	529616.8	183692.4	18.5	0	0	0	0	d
			24.059	529617.1	183691.9	18.5	0	0	0	0	d
			24.56	529617.4	183691.5	18.5	0	0	0	0	d
			25.062	529617.7	183691.1	18.5	0	0	0	0	d
			25.563	529617.9	183690.7	18.5	0	0	0	0	d
			26.064	529618.2	183690.3	18.5	0	0	0	0	d
			26.565	529618.5	183689.8	18.5	0.092233	-0.13889	0.16673	5.85E-04	d
			27.066	529618.8	183689.4	18.5	0.34178	-0.51468	0.61783	0.002168	d
			27.568	529619	183689	18.5	0.59133	-0.89048	1.0689	0.00375	d
			28.069	529619.3	183688.6	18.5	0.84088	-1.2663	1.52	0.005333	d
			28.57	529619.6	183688.2	18.5	1.0904	-1.6421	1.9711	0.006916	d
			29.071	529619.9	183687.7	18.5	1.34	-2.0179	2.4222	0.008498	d
			29.573	529620.1	183687.3	18.5	1.5895	-2.3936	2.8733	0.010081	d
			30.074	529620.4	183686.9	18.5	1.9318	-2.9091	3.4921	0.012252	d
			30.575	529620.7	183686.5	18.5	2.2788	-3.4316	4.1193	0.014452	d
			31.076	529621	183686.1	18.5	2.6255	-3.9537	4.746	0.016651	d
			31.578	529621.2	183685.7	18.5	2.972	-4.4755	5.3724	0.018849	d
			32.079	529621.5	183685.2	18.5	3.3186	-4.9974	5.9989	0.021046	d
			32.58	529621.8	183684.8	18.5	3.6653	-5.5194	6.6255	0.023245	d
			33.081	529622.1	183684.4	18.5	4.0122	-6.0419	7.2527	0.025445	d
			33.582	529622.3	183684	18.5	4.3596	-6.565	7.8806	0.027648	d
			34.084	529622.6	183683.6	18.5	4.7075	-7.0889	8.5096	0.029855	d
			34.585	529622.9	183683.1	18.5	5.0561	-7.6139	9.1397	0.032066	d
			35.086	529623.2	183682.7	18.5	5.4056	-8.1401	9.7714	0.034282	d
			35.587	529623.4	183682.3	18.5	5.756	-8.6678	10.405	0.036504	d
			36.089	529623.7	183681.9	18.5	6.1075	-9.1971	11.04	0.038733	d
			36.59	529624	183681.5	18.5	6.4603	-9.7284	11.678	0.040971	d
			37.091	529624.3	183681.1	18.5	6.8144	-10.262	12.318	0.043217	d
			37.592	529624.5	183680.6	18.5	7.1701	-10.797	12.961	0.045472	d

END_TABLE
d - Displacements include imported displacements.

Specific Building Damage Results - Vertical Displacements

START_TABLE
Stage: Ref. Stage: NanSpecific BuSpecific BuSub-buildiiVertical Of Dist. x y z dz
[m] [m] [m] [m] [mm]

0 Base Mode	1	1 On piles	-13.3	0	529588.8	183678.4	6.5	0.39518 d
				0.49772	529588.8	183677.9	6.5	0.39398 d
				0.99545	529588.8	183677.4	6.5	0.39262 d
				1.4932	529588.8	183676.9	6.5	0.39113 d
				1.9909	529588.8	183676.4	6.5	0.4101 d
				2.4886	529588.8	183675.9	6.5	0.45815 d
				2.9863	529588.8	183675.4	6.5	0.5024 d
				3.4841	529588.7	183674.9	6.5	0.54281 d
				3.9818	529588.7	183674.4	6.5	0.5793 d
				4.4795	529588.7	183673.9	6.5	0.61181 d
				4.9772	529588.7	183673.4	6.5	0.64029 d
				5.475	529588.7	183672.9	6.5	0.66469 d
				5.9727	529588.7	183672.4	6.5	0.68493 d
				6.4704	529588.7	183671.9	6.5	0.70098 d
				6.9681	529588.7	183671.4	6.5	0.7143 d
				7.4659	529588.6	183670.9	6.5	0.72443 d
				7.9636	529588.6	183670.4	6.5	0.73069 d
				8.4613	529588.6	183669.9	6.5	0.73303 d
				8.959	529588.6	183669.4	6.5	0.73145 d
				9.4568	529588.6	183668.9	6.5	0.72588 d
				9.9545	529588.6	183668.5	6.5	0.71633 d
				10.452	529588.6	183668	6.5	0.70278 d
				10.95	529588.6	183667.5	6.5	0.68523 d
				11.448	529588.5	183667	6.5	0.66365 d
				11.945	529588.5	183666.5	6.5	0.63808 d
				12.443	529588.5	183666	6.5	0.60852 d
				12.941	529588.5	183665.5	6.5	0.57499 d
				13.439	529588.5	183665	6.5	0.53752 d
				13.936	529588.5	183664.5	6.5	0.49615 d
				14.434	529588.5	183664	6.5	0.45093 d
				14.932	529588.5	183663.5	6.5	0.40193 d
				15.429	529588.4	183663	6.5	0.34921 d
				15.927	529588.4	183662.5	6.5	0.29284 d
				16.425	529588.4	183662	6.5	0.2691 d
				16.923	529588.4	183661.5	6.5	0.26248 d
				17.42	529588.4	183661	6.5	0.25572 d
				17.918	529588.4	183660.5	6.5	0.24884 d
				18.416	529588.4	183660	6.5	0.24182 d
				18.914	529588.4	183659.5	6.5	0.23469 d
				19.411	529588.3	183659	6.5	0.22745 d
				19.909	529588.3	183658.5	6.5	0.22011 d
				20.407	529588.3	183658	6.5	0.21266 d
				20.904	529588.3	183657.5	6.5	0.20513 d
				21.402	529588.3	183657	6.5	0.19752 d
				21.9	529588.3	183656.5	6.5	0.18983 d
				22.398	529588.3	183656	6.5	0.18208 d
				22.895	529588.3	183655.5	6.5	0.17428 d
				23.393	529588.2	183655	6.5	0.16642 d
				23.891	529588.2	183654.5	6.5	0.15853 d
				24.388	529588.2	183654	6.5	0.15061 d
				24.886	529588.2	183653.5	6.5	0.14268 d
				25.384	529588.2	183653	6.5	0.13473 d
				25.882	529588.2	183652.5	6.5	0.12677 d
				26.379	529588.2	183652	6.5	0.11883 d
				26.877	529588.1	183651.5	6.5	0.1109 d
				27.375	529588.1	183651	6.5	0.103 d
				27.873	529588.1	183650.5	6.5	0.09514 d
				28.37	529588.1	183650	6.5	0.08731 d
				28.868	529588.1	183649.5	6.5	0.07954 d
				29.366	529588.1	183649	6.5	0.07183 d
				29.863	529588.1	183648.5	6.5	0.06418 d
				30.361	529588.1	183648.1	6.5	0.05662 d
				30.859	529588	183647.6	6.5	0.04913 d
				31.357	529588	183647.1	6.5	0.04173 d
				31.854	529588	183646.6	6.5	0.03444 d
				32.352	529588	183646.1	6.5	0.02724 d
				32.85	529588	183645.6	6.5	0.02015 d
				33.348	529588	183645.1	6.5	0.01318 d
				33.845	529588	183644.6	6.5	0.00634 d
				34.343	529588	183644.1	6.5	-3.90E-04 d
				34.841	529587.9	183643.6	6.5	-0.00698 d
				35.338	529587.9	183643.1	6.5	-0.01344 d
				35.836	529587.9	183642.6	6.5	-0.01976 d
				36.334	529587.9	183642.1	6.5	-0.02595 d
				36.832	529587.9	183641.6	6.5	-0.03198 d
				37.329	529587.9	183641.1	6.5	-0.03787 d
				37.827	529587.9	183640.6	6.5	-0.04361 d
				38.325	529587.9	183640.1	6.5	-0.04921 d
				38.822	529587.8	183639.6	6.5	-0.05465 d
				39.32	529587.8	183639.1	6.5	-0.05993 d
				39.818	529587.8	183638.6	6.5	-0.06507 d
				40.316	529587.8	183638.1	6.5	-0.07005 d
				40.813	529587.8	183637.6	6.5	-0.07488 d
				41.311	529587.8	183637.1	6.5	-0.07956 d
				41.809	529587.8	183636.6	6.5	-0.08409 d
				42.307	529587.8	183636.1	6.5	-0.08847 d
				42.804	529587.7	183635.6	6.5	-0.0927 d
				43.302	529587.7	183635.1	6.5	-0.09678 d
				43.8	529587.7	183634.6	6.5	-0.10072 d
				44.297	529587.7	183634.1	6.5	-0.10451 d
				44.795	529587.7	183633.6	6.5	-0.10817 d
				45.293	529587.7	183633.1	6.5	-0.11169 d
				45.791	529587.7	183632.6	6.5	-0.11507 d
				46.288	529587.7	183632.1	6.5	-0.11832 d
				46.786	529587.6	183631.6	6.5	-0.12143 d
				47.284	529587.6	183631.1	6.5	-0.12443 d
				47.782	529587.6	183630.6	6.5	-0.1273 d
				48.279	529587.6	183630.1	6.5	-0.13004 d
				48.777	529587.6	183629.6	6.5	-0.13267 d
				49.275	529587.6	183629.1	6.5	-0.13519 d
				49.772	529587.6	183628.6	6.5	-0.13759 d
				50.27	529587.6	183628.1	6.5	-0.13988 d
				50.768	529587.5	183627.7	6.5	-0.14207 d
				51.266	529587.5	183627.2	6.5	-0.14416 d
				51.763	529587.5	183626.7	6.5	-0.14614 d
				52.261	529587.5	183626.2	6.5	-0.14803 d
				52.759	529587.5	183625.7	6.5	-0.14983 d
				53.256	529587.5	183625.2	6.5	-0.15153 d
	2	2 On piles	-13.3	0	529584.2	183623.3	6.5	-0.01358 d
				0.49594	529584.7	183623.4	6.5	-0.0317 d
				0.99187	529585.2	183623.5	6.5	-0.05099 d
				1.4878	529585.7	183623.5	6.5	-0.07151 d
				1.9837	529586.2	183623.6	6.5	-0.09334 d
				2.4797	529586.7	183623.7	6.5	-0.11654 d
				2.9756	529587.2	183623.7	6.5	-0.14118 d
				3.4716	529587.7	183623.8	6.5	-0.16733 d
				3.9675	529588.1	183623.9	6.5	-0.19507 d
				4.4634	529588.6	183623.9	6.5	-0.22446 d
				4.9594	529589.1	183624	6.5	-0.25559 d
				5.4553	529589.6	183624.1	6.5	-0.28853 d
				5.9512	529590.1	183624.1	6.5	-0.32335 d

			6.4472	529590.6	183624.2	6.5	-0.36014	d
			6.9431	529591.1	183624.3	6.5	-0.39896	d
			7.439	529591.6	183624.3	6.5	-0.43988	d
			7.935	529592.1	183624.4	6.5	-0.48297	d
			8.4309	529592.6	183624.5	6.5	-0.52829	d
			8.9268	529593.1	183624.5	6.5	-0.57588	d
			9.4228	529593.5	183624.6	6.5	-0.62578	d
			9.9187	529594	183624.7	6.5	-0.67803	d
			10.415	529594.5	183624.8	6.5	-0.73261	d
			10.911	529595	183624.8	6.5	-0.78953	d
			11.407	529595.5	183624.9	6.5	-0.84873	d
			11.902	529596	183625	6.5	-0.91014	d
			12.398	529596.5	183625	6.5	-0.97363	d
			12.894	529597	183625.1	6.5	-1.0391	d
			13.39	529597.5	183625.2	6.5	-1.1062	d
3	3 Shallow	0	0	529587.2	183610.1	17.5	0.69595	d
			0.49257	529587.6	183610.2	17.5	0.69289	d
			0.98514	529588.1	183610.2	17.5	0.68907	d
			1.4777	529588.6	183610.3	17.5	0.68444	d
			1.9703	529589.1	183610.3	17.5	0.67896	d
			2.4628	529589.6	183610.4	17.5	0.67257	d
			2.9554	529590.1	183610.4	17.5	0.66523	d
			3.448	529590.6	183610.5	17.5	0.65689	d
			3.9406	529591.1	183610.5	17.5	0.64749	d
			4.4331	529591.6	183610.6	17.5	0.63699	d
			4.9257	529592.1	183610.6	17.5	0.62533	d
			5.4183	529592.5	183610.7	17.5	0.61248	d
			5.9108	529593	183610.7	17.5	0.59839	d
			6.4034	529593.5	183610.8	17.5	0.58301	d
			6.896	529594	183610.8	17.5	0.56632	d
			7.3885	529594.5	183610.9	17.5	0.5483	d
			7.8811	529595	183611	17.5	0.52891	d
			8.3737	529595.5	183611	17.5	0.50817	d
			8.8662	529596	183611.1	17.5	0.48607	d
			9.3588	529596.5	183611.1	17.5	0.46266	d
			9.8514	529597	183611.2	17.5	0.43797	d
			10.344	529597.4	183611.2	17.5	0.4121	d
			10.837	529597.9	183611.3	17.5	0.7703	d
4	4 Shallow	0	0	529597.9	183611.3	17.5	0.7703	d
			0.49929	529598	183610.8	17.5	0.37712	d
			0.99858	529598.1	183610.3	17.5	0.36906	d
			1.4979	529598.1	183609.8	17.5	0.36096	d
			1.9972	529598.2	183609.3	17.5	0.35285	d
			2.4964	529598.3	183608.8	17.5	0.34472	d
			2.9957	529598.4	183608.3	17.5	0.33657	d
			3.495	529598.4	183607.8	17.5	0.32842	d
			3.9943	529598.5	183607.3	17.5	0.32027	d
			4.4936	529598.6	183606.8	17.5	0.31211	d
			4.9929	529598.6	183606.3	17.5	0.30397	d
			5.4922	529598.7	183605.8	17.5	0.29584	d
			5.9915	529598.8	183605.3	17.5	0.28772	d
			6.4908	529598.9	183604.8	17.5	0.27963	d
			6.99	529598.9	183604.3	17.5	0.27157	d
			7.4893	529599	183603.9	17.5	0.26354	d
			7.9886	529599.1	183603.4	17.5	0.25555	d
			8.4879	529599.1	183602.9	17.5	0.24761	d
			8.9872	529599.2	183602.4	17.5	0.23971	d
			9.4865	529599.3	183601.9	17.5	0.23186	d
			9.9858	529599.4	183601.4	17.5	0.22408	d
			10.485	529599.4	183600.9	17.5	0.21636	d
			10.984	529599.5	183600.4	17.5	0.20872	d
			11.484	529599.6	183599.9	17.5	0.20116	d
			11.983	529599.6	183599.4	17.5	0.19369	d
			12.482	529599.7	183598.9	17.5	0.18633	d
			12.982	529599.8	183598.4	17.5	0.35814	d
5	5 Shallow	0	0	529583.3	183596.4	17.5	0.60451	d
			0.50441	529583.8	183596.4	17.5	0.60527	d
			1.0088	529584.3	183596.5	17.5	0.60561	d
			1.5132	529584.8	183596.6	17.5	0.60549	d
			2.0176	529585.3	183596.6	17.5	0.60489	d
			2.522	529585.8	183596.7	17.5	0.60375	d
			3.0265	529586.3	183596.7	17.5	0.60206	d
			3.5309	529586.8	183596.8	17.5	0.59976	d
			4.0353	529587.3	183596.9	17.5	0.59681	d
			4.5397	529587.8	183596.9	17.5	0.59318	d
			5.0441	529588.3	183597	17.5	0.58882	d
			5.5485	529588.8	183597.1	17.5	0.58368	d
			6.0529	529589.3	183597.1	17.5	0.5777	d
			6.5573	529589.8	183597.2	17.5	0.57085	d
			7.0617	529590.3	183597.2	17.5	0.56307	d
			7.5661	529590.8	183597.3	17.5	0.5543	d
			8.0705	529591.3	183597.4	17.5	0.5445	d
			8.5749	529591.8	183597.4	17.5	0.5336	d
			9.0794	529592.3	183597.5	17.5	0.52156	d
			9.5838	529592.8	183597.6	17.5	0.50831	d
			10.088	529593.3	183597.6	17.5	0.49381	d
			10.593	529593.8	183597.7	17.5	0.47801	d
			11.097	529594.3	183597.7	17.5	0.46086	d
			11.601	529594.8	183597.8	17.5	0.44231	d
			12.106	529595.3	183597.9	17.5	0.42234	d
			12.61	529595.8	183597.9	17.5	0.40091	d
			13.115	529596.3	183598	17.5	0.37802	d
			13.619	529596.8	183598	17.5	0.35364	d
			14.123	529597.3	183598.1	17.5	0.32781	d
			14.628	529597.8	183598.2	17.5	0.30056	d
			15.132	529598.3	183598.2	17.5	0.27195	d
			15.637	529598.8	183598.3	17.5	0.24206	d
			16.141	529599.3	183598.4	17.5	0.21104	d
			16.645	529599.8	183598.4	17.5	0.35814	d
6	6 Shallow	0	0	529591.9	183591.8	17.5	0.49396	d
			0.49392	529592.4	183591.9	17.5	0.48274	d
			0.98783	529592.9	183592	17.5	0.47042	d
			1.4817	529593.4	183592.1	17.5	0.45697	d
			1.9757	529593.9	183592.2	17.5	0.44232	d
			2.4696	529594.4	183592.2	17.5	0.42644	d
			2.9635	529594.9	183592.3	17.5	0.40928	d
			3.4574	529595.4	183592.4	17.5	0.39081	d
			3.9513	529595.8	183592.5	17.5	0.37099	d
			4.4452	529596.3	183592.6	17.5	0.3498	d
			4.9392	529596.8	183592.6	17.5	0.32723	d
			5.4331	529597.3	183592.7	17.5	0.30327	d
			5.927	529597.8	183592.8	17.5	0.27794	d
			6.4209	529598.3	183592.9	17.5	0.25127	d
			6.9148	529598.8	183593	17.5	0.22333	d
			7.4087	529599.3	183593	17.5	0.19419	d
			7.9026	529599.7	183593.1	17.5	0.16397	d
			8.3966	529600.2	183593.2	17.5	0.13284	d
			8.8905	529600.7	183593.3	17.5	0.101	d
			9.3844	529601.2	183593.4	17.5	0.13744	d
7	7 Shallow	0	0	529601.2	183593.4	17.5	0.13744	d
			0.50194	529601.3	183592.9	17.5	0.06419	d
			1.0039	529601.3	183592.4	17.5	0.05996	d

				1.5058	529601.4	183591.9	17.5	0.05605 d
				2.0078	529601.5	183591.4	17.5	0.05247 d
				2.5097	529601.5	183590.9	17.5	0.04923 d
				3.0116	529601.6	183590.4	17.5	0.04635 d
				3.5136	529601.7	183589.9	17.5	0.04383 d
				4.0155	529601.7	183589.4	17.5	0.04168 d
				4.5174	529601.8	183588.9	17.5	0.03991 d
				5.0194	529601.8	183588.4	17.5	0.03853 d
				5.5213	529601.9	183587.9	17.5	0.03755 d
				6.0233	529602	183587.4	17.5	0.03696 d
				6.5252	529602	183586.9	17.5	0.03678 d
				7.0271	529602.1	183586.4	17.5	0.037 d
				7.5291	529602.2	183585.9	17.5	0.03764 d
				8.031	529602.2	183585.4	17.5	0.03868 d
				8.533	529602.3	183584.9	17.5	0.04013 d
				9.0349	529602.4	183584.4	17.5	0.04198 d
				9.5368	529602.4	183583.9	17.5	0.04424 d
				10.039	529602.5	183583.4	17.5	0.0469 d
				10.541	529602.6	183582.9	17.5	0.04995 d
				11.043	529602.6	183582.4	17.5	0.05338 d
				11.545	529602.7	183581.9	17.5	0.05718 d
				12.047	529602.7	183581.4	17.5	0.06134 d
				12.548	529602.8	183580.9	17.5	0.06583 d
				13.05	529602.9	183580.4	17.5	0.07065 d
				13.552	529602.9	183579.9	17.5	0.07576 d
				14.054	529603	183579.4	17.5	0.08115 d
				14.556	529603.1	183578.9	17.5	0.08678 d
				15.058	529603.1	183578.4	17.5	0.09265 d
				15.56	529603.2	183577.9	17.5	0.09871 d
				16.062	529603.3	183577.4	17.5	0.10496 d
				16.564	529603.3	183576.9	17.5	0.11135 d
				17.066	529603.4	183576.4	17.5	0.11789 d
				17.568	529603.5	183575.9	17.5	0.12454 d
				18.07	529603.5	183575.4	17.5	0.26258 d
8	8 Shallow		0	0	529593.5	183573.3	17.5	0.41963 d
				0.51247	529594	183573.4	17.5	0.41297 d
				1.0249	529594.5	183573.5	17.5	0.40557 d
				1.5374	529595	183573.6	17.5	0.39741 d
				2.0499	529595.5	183573.8	17.5	0.38843 d
				2.5624	529596	183573.9	17.5	0.37861 d
				3.0748	529596.5	183574	17.5	0.36793 d
				3.5873	529597	183574.1	17.5	0.35635 d
				4.0998	529597.5	183574.2	17.5	0.34384 d
				4.6122	529598	183574.3	17.5	0.33041 d
				5.1247	529598.5	183574.4	17.5	0.31603 d
				5.6372	529599	183574.5	17.5	0.30072 d
				6.1497	529599.5	183574.6	17.5	0.28448 d
				6.6621	529600	183574.7	17.5	0.26735 d
				7.1746	529600.5	183574.8	17.5	0.2494 d
				7.6871	529601	183574.9	17.5	0.23069 d
				8.1995	529601.5	183575	17.5	0.21133 d
				8.712	529602	183575.1	17.5	0.19149 d
				9.2245	529602.5	183575.2	17.5	0.17135 d
				9.737	529603	183575.3	17.5	0.15118 d
				10.249	529603.5	183575.4	17.5	0.26258 d
9	9 Shallow		0	0	529570.9	183569.9	17.3	0.37773 d
				0.50028	529571.4	183569.9	17.3	0.38084 d
				1.0006	529571.9	183569.9	17.3	0.38393 d
				1.5009	529572.4	183570	17.3	0.38701 d
				2.0011	529572.9	183570	17.3	0.39008 d
				2.5014	529573.4	183570	17.3	0.39312 d
				3.0017	529573.9	183570.1	17.3	0.39613 d
				3.502	529574.4	183570.1	17.3	0.39912 d
				4.0023	529574.9	183570.2	17.3	0.40207 d
				4.5026	529575.4	183570.2	17.3	0.40499 d
				5.0028	529575.9	183570.2	17.3	0.40786 d
				5.5031	529576.4	183570.3	17.3	0.41069 d
				6.0034	529576.9	183570.3	17.3	0.41346 d
				6.5037	529577.4	183570.3	17.3	0.41618 d
				7.004	529577.9	183570.4	17.3	0.41883 d
				7.5043	529578.4	183570.4	17.3	0.42142 d
				8.0045	529578.9	183570.4	17.3	0.42393 d
				8.5048	529579.4	183570.5	17.3	0.42636 d
				9.0051	529579.9	183570.5	17.3	0.42869 d
				9.5054	529580.4	183570.6	17.3	0.43093 d
				10.006	529580.9	183570.6	17.3	0.43306 d
				10.506	529581.4	183570.6	17.3	0.43508 d
				11.006	529581.9	183570.7	17.3	0.43697 d
				11.507	529582.4	183570.7	17.3	0.43873 d
				12.007	529582.9	183570.7	17.3	0.44035 d
				12.507	529583.4	183570.8	17.3	0.44181 d
				13.007	529583.9	183570.8	17.3	0.4431 d
				13.508	529584.4	183570.9	17.3	0.44422 d
				14.008	529584.9	183570.9	17.3	0.44514 d
				14.508	529585.4	183570.9	17.3	0.44586 d
				15.009	529585.9	183571	17.3	0.44636 d
				15.509	529586.4	183571	17.3	0.44662 d
				16.009	529586.9	183571	17.3	0.44664 d
				16.509	529587.4	183571.1	17.3	0.44639 d
				17.01	529587.9	183571.1	17.3	0.44585 d
				17.51	529588.4	183571.1	17.3	0.44502 d
				18.01	529588.9	183571.2	17.3	0.44386 d
				18.511	529589.4	183571.2	17.3	0.44236 d
				19.011	529589.9	183571.3	17.3	0.44051 d
				19.511	529590.4	183571.3	17.3	0.43827 d
				20.011	529590.9	183571.3	17.3	0.43563 d
				20.512	529591.4	183571.4	17.3	0.43257 d
				21.012	529591.9	183571.4	17.3	0.42905 d
				21.512	529592.4	183571.4	17.3	0.42507 d
				22.013	529592.9	183571.5	17.3	0.42059 d
				22.513	529593.4	183571.5	17.3	0.41559 d
				23.013	529593.9	183571.5	17.3	0.41004 d
				23.513	529594.4	183571.6	17.3	0.40393 d
				24.014	529594.9	183571.6	17.3	0.39722 d
				24.514	529595.4	183571.7	17.3	0.3899 d
				25.014	529595.9	183571.7	17.3	0.38195 d
				25.515	529596.4	183571.7	17.3	0.37334 d
				26.015	529596.9	183571.8	17.3	0.36405 d
				26.515	529597.4	183571.8	17.3	0.35407 d
				27.015	529597.9	183571.8	17.3	0.34339 d
				27.516	529598.4	183571.9	17.3	0.33201 d
				28.016	529598.9	183571.9	17.3	0.31991 d
				28.516	529599.4	183572	17.3	0.30712 d
				29.016	529599.9	183572	17.3	0.29363 d
				29.517	529600.4	183572	17.3	0.27949 d
				30.017	529600.9	183572.1	17.3	0.26471 d
				30.517	529601.4	183572.1	17.3	0.24937 d
				31.018	529601.9	183572.1	17.3	0.23353 d
				31.518	529602.4	183572.2	17.3	0.43456 d
10	10 Shallow		0	0	529602.4	183572.2	17.3	0.43456 d
				0.50275	529602.4	183571.7	17.3	0.22456 d
				1.0055	529602.4	183571.2	17.3	0.23184 d

			1.5082	529602.5	183570.7	17.3	0.2391	d
			2.011	529602.5	183570.2	17.3	0.24634	d
			2.5137	529602.5	183569.7	17.3	0.25354	d
			3.0165	529602.6	183569.2	17.3	0.26068	d
			3.5192	529602.6	183568.7	17.3	0.26776	d
			4.022	529602.6	183568.2	17.3	0.27474	d
			4.5247	529602.7	183567.7	17.3	0.28163	d
			5.0275	529602.7	183567.2	17.3	0.28839	d
			5.5302	529602.7	183566.7	17.3	0.29503	d
			6.033	529602.8	183566.2	17.3	0.30151	d
			6.5357	529602.8	183565.7	17.3	0.30783	d
			7.0385	529602.8	183565.2	17.3	0.31398	d
			7.5412	529602.9	183564.6	17.3	0.31993	d
			8.044	529602.9	183564.1	17.3	0.32568	d
			8.5467	529602.9	183563.6	17.3	0.33122	d
			9.0495	529603	183563.1	17.3	0.33653	d
			9.5522	529603	183562.6	17.3	0.34161	d
			10.055	529603	183562.1	17.3	0.34645	d
			10.558	529603.1	183561.6	17.3	0.35104	d
			11.06	529603.1	183561.1	17.3	0.35538	d
			11.563	529603.1	183560.6	17.3	0.35947	d
			12.066	529603.2	183560.1	17.3	0.36331	d
			12.569	529603.2	183559.6	17.3	0.36688	d
			13.071	529603.2	183559.1	17.3	0.3702	d
			13.574	529603.3	183558.6	17.3	0.37326	d
			14.077	529603.3	183558.1	17.3	0.37607	d
			14.58	529603.3	183557.6	17.3	0.37863	d
			15.082	529603.4	183557.1	17.3	0.38094	d
			15.585	529603.4	183556.6	17.3	0.383	d
			16.088	529603.4	183556.1	17.3	0.38483	d
			16.591	529603.5	183555.6	17.3	0.38642	d
			17.093	529603.5	183555.1	17.3	0.38779	d
			17.596	529603.5	183554.6	17.3	0.38893	d
			18.099	529603.6	183554.1	17.3	0.38986	d
			18.602	529603.6	183553.6	17.3	0.39058	d
			19.104	529603.6	183553.1	17.3	0.3911	d
			19.607	529603.7	183552.6	17.3	0.39142	d
			20.11	529603.7	183552.1	17.3	0.39156	d
			20.613	529603.7	183551.6	17.3	0.39152	d
			21.115	529603.8	183551.1	17.3	0.3913	d
			21.618	529603.8	183550.6	17.3	0.39093	d
			22.121	529603.8	183550.1	17.3	0.39039	d
			22.624	529603.9	183549.6	17.3	0.38971	d
			23.126	529603.9	183549.1	17.3	0.38888	d
			23.629	529603.9	183548.6	17.3	0.38792	d
			24.132	529604	183548.1	17.3	0.38683	d
			24.635	529604	183547.6	17.3	0.38561	d
			25.137	529604	183547.1	17.3	0.38428	d
			25.64	529604.1	183546.6	17.3	0.38285	d
			26.143	529604.1	183546.1	17.3	0.3813	d
			26.646	529604.1	183545.6	17.3	0.37967	d
			27.148	529604.2	183545.1	17.3	0.37794	d
			27.651	529604.2	183544.6	17.3	0.37613	d
			28.154	529604.2	183544.1	17.3	0.37423	d
			28.657	529604.3	183543.6	17.3	0.37226	d
			29.159	529604.3	183543.1	17.3	0.37023	d
			29.662	529604.3	183542.6	17.3	0.36813	d
			30.165	529604.4	183542.1	17.3	0.36597	d
			30.668	529604.4	183541.6	17.3	0.36375	d
			31.17	529604.5	183541.1	17.3	0.36148	d
			31.673	529604.5	183540.6	17.3	0.35917	d
11	11 Shallow	0	0	529621.4	183565.7	17.3	0.09	d
			0.48392	529621.9	183565.8	17.3	0.03961	d
			0.96785	529622.4	183565.9	17.3	0.03349	d
			1.4518	529622.8	183566	17.3	0.02655	d
			1.9357	529623.3	183566.1	17.3	0.01871	d
			2.4196	529623.8	183566.1	17.3	0.0099	d
			2.9035	529624.3	183566.2	17.3	8.00E-05	d
			3.3875	529624.7	183566.3	17.3	-0.01079	d
			3.8714	529625.2	183566.4	17.3	-0.02271	d
			4.3553	529625.7	183566.5	17.3	-0.03565	d
			4.8392	529626.2	183566.5	17.3	-0.04957	d
			5.3232	529626.6	183566.6	17.3	-0.06435	d
			5.8071	529627.1	183566.7	17.3	-0.07986	d
			6.291	529627.6	183566.8	17.3	-0.1918	d
12	12 Shallow	0	0	529621.4	183565.7	17.3	0.09	d
			0.50403	529621.4	183565.2	17.3	0.04108	d
			1.0081	529621.5	183564.7	17.3	0.04386	d
			1.5121	529621.5	183564.2	17.3	0.05173	d
			2.0161	529621.5	183563.7	17.3	0.06344	d
			2.5202	529621.6	183563.2	17.3	0.07795	d
			3.0242	529621.6	183562.7	17.3	0.09445	d
			3.5282	529621.7	183562.2	17.3	0.11228	d
			4.0322	529621.7	183561.7	17.3	0.1309	d
			4.5363	529621.7	183561.2	17.3	0.14989	d
			5.0403	529621.8	183560.7	17.3	0.16893	d
			5.5443	529621.8	183560.2	17.3	0.18775	d
			6.0484	529621.8	183559.7	17.3	0.20614	d
			6.5524	529621.9	183559.2	17.3	0.22396	d
			7.0564	529621.9	183558.7	17.3	0.24109	d
			7.5605	529621.9	183558.2	17.3	0.25745	d
			8.0645	529622	183557.7	17.3	0.27298	d
			8.5685	529622	183557.2	17.3	0.28764	d
			9.0725	529622	183556.7	17.3	0.30141	d
			9.5766	529622.1	183556.2	17.3	0.3143	d
			10.081	529622.1	183555.7	17.3	0.3263	d
			10.585	529622.2	183555.2	17.3	0.33743	d
			11.089	529622.2	183554.7	17.3	0.34771	d
			11.593	529622.2	183554.2	17.3	0.35716	d
			12.097	529622.3	183553.7	17.3	0.36582	d
			12.601	529622.3	183553.2	17.3	0.37371	d
			13.105	529622.3	183552.7	17.3	0.38086	d
			13.609	529622.4	183552.2	17.3	0.38732	d
			14.113	529622.4	183551.6	17.3	0.3931	d
			14.617	529622.4	183551.1	17.3	0.39826	d
			15.121	529622.5	183550.6	17.3	0.40281	d
			15.625	529622.5	183550.1	17.3	0.4068	d
			16.129	529622.5	183549.6	17.3	0.41025	d
			16.633	529622.6	183549.1	17.3	0.41321	d
			17.137	529622.6	183548.6	17.3	0.41569	d
			17.641	529622.7	183548.1	17.3	0.41772	d
			18.145	529622.7	183547.6	17.3	0.41934	d
			18.649	529622.7	183547.1	17.3	0.42057	d
			19.153	529622.8	183546.6	17.3	0.42144	d
			19.657	529622.8	183546.1	17.3	0.42196	d
			20.161	529622.8	183545.6	17.3	0.42217	d
			20.665	529622.9	183545.1	17.3	0.42209	d
			21.169	529622.9	183544.6	17.3	0.42172	d
			21.673	529622.9	183544.1	17.3	0.42111	d
			22.177	529623	183543.6	17.3	0.42025	d
			22.681	529623	183543.1	17.3	0.41918	d
			23.185	529623	183542.6	17.3	0.4179	d

			23.689	529623.1	183542.1	17.3	0.41643 d
			24.193	529623.1	183541.6	17.3	0.41479 d
			24.697	529623.2	183541.1	17.3	0.41299 d
			25.202	529623.2	183540.6	17.3	0.82208 d
13	13 Shallow	0	0	529627.6	183566.8	17.3	-0.1918 d
			0.50439	529627.6	183566.3	17.3	-0.08638 d
			1.0088	529627.6	183565.8	17.3	-0.07198 d
			1.5132	529627.5	183565.3	17.3	-0.05389 d
			2.0175	529627.5	183564.8	17.3	-0.03309 d
			2.5219	529627.5	183564.3	17.3	-0.01038 d
			3.0263	529627.5	183563.8	17.3	0.01359 d
			3.5307	529627.5	183563.3	17.3	0.03829 d
			4.0351	529627.4	183562.8	17.3	0.06326 d
			4.5395	529627.4	183562.3	17.3	0.08818 d
			5.0439	529627.4	183561.8	17.3	0.11275 d
			5.5482	529627.4	183561.3	17.3	0.13676 d
			6.0526	529627.4	183560.7	17.3	0.16003 d
			6.557	529627.4	183560.2	17.3	0.18243 d
			7.0614	529627.3	183559.7	17.3	0.20388 d
			7.5658	529627.3	183559.2	17.3	0.22429 d
			8.0702	529627.3	183558.7	17.3	0.24363 d
			8.5746	529627.3	183558.2	17.3	0.26188 d
			9.0789	529627.3	183557.7	17.3	0.27902 d
			9.5833	529627.2	183557.2	17.3	0.29506 d
			10.088	529627.2	183556.7	17.3	0.31001 d
			10.592	529627.2	183556.2	17.3	0.32389 d
			11.096	529627.2	183555.7	17.3	0.33674 d
			11.601	529627.2	183555.2	17.3	0.34859 d
			12.105	529627.1	183554.7	17.3	0.35946 d
			12.61	529627.1	183554.2	17.3	0.36942 d
			13.114	529627.1	183553.7	17.3	0.37848 d
			13.618	529627.1	183553.2	17.3	0.38669 d
			14.123	529627.1	183552.7	17.3	0.39411 d
			14.627	529627.1	183552.2	17.3	0.40075 d
			15.132	529627	183551.7	17.3	0.40668 d
			15.636	529627	183551.2	17.3	0.41192 d
			16.14	529627	183550.7	17.3	0.41652 d
			16.645	529627	183550.2	17.3	0.42051 d
			17.149	529627	183549.7	17.3	0.42394 d
			17.653	529626.9	183549.2	17.3	0.42683 d
			18.158	529626.9	183548.7	17.3	0.42921 d
			18.662	529626.9	183548.1	17.3	0.43113 d
			19.167	529626.9	183547.6	17.3	0.43261 d
			19.671	529626.9	183547.1	17.3	0.43368 d
			20.175	529626.9	183546.6	17.3	0.43437 d
			20.68	529626.8	183546.1	17.3	0.43471 d
			21.184	529626.8	183545.6	17.3	0.43471 d
			21.689	529626.8	183545.1	17.3	0.43441 d
			22.193	529626.8	183544.6	17.3	0.43382 d
			22.697	529626.8	183544.1	17.3	0.43296 d
			23.202	529626.7	183543.6	17.3	0.43186 d
			23.706	529626.7	183543.1	17.3	0.43054 d
			24.211	529626.7	183542.6	17.3	0.42901 d
			24.715	529626.7	183542.1	17.3	0.42728 d
			25.219	529626.7	183541.6	17.3	0.42538 d
			25.724	529626.6	183541.1	17.3	0.42331 d
			26.228	529626.6	183540.6	17.3	0.84218 d
14	14 Shallow	0	0	529623.2	183540.6	17.3	0.82208 d
			0.49114	529623.7	183540.6	17.3	0.41247 d
			0.98229	529624.2	183540.6	17.3	0.4139 d
			1.4734	529624.7	183540.6	17.3	0.41533 d
			1.9646	529625.2	183540.6	17.3	0.41676 d
			2.4557	529625.6	183540.6	17.3	0.4182 d
			2.9469	529626.1	183540.6	17.3	0.41965 d
			3.438	529626.6	183540.6	17.3	0.84218 d
15	15 Shallow	0	0	529640.8	183560.3	18	0.66596 d
			0.50016	529641.2	183560.6	18	0.32759 d
			1.0003	529641.7	183560.9	18	0.32203 d
			1.5005	529642.1	183561.1	18	0.31631 d
			2.0006	529642.5	183561.4	18	0.31044 d
			2.5008	529642.9	183561.7	18	0.30441 d
			3.0009	529643.3	183562	18	0.29825 d
			3.5011	529643.8	183562.2	18	0.29198 d
			4.0013	529644.2	183562.5	18	0.2856 d
			4.5014	529644.6	183562.8	18	0.27915 d
			5.0016	529645	183563	18	0.27266 d
			5.5017	529645.4	183563.3	18	0.26617 d
			6.0019	529645.9	183563.6	18	0.2597 d
			6.502	529646.3	183563.8	18	0.25332 d
			7.0022	529646.7	183564.1	18	0.24706 d
			7.5023	529647.1	183564.4	18	0.241 d
			8.0025	529647.6	183564.6	18	0.23519 d
			8.5027	529648	183564.9	18	0.2297 d
			9.0028	529648.4	183565.2	18	0.22459 d
			9.503	529648.8	183565.5	18	0.21994 d
			10.003	529649.2	183565.7	18	0.21581 d
			10.503	529649.7	183566	18	0.21226 d
			11.003	529650.1	183566.3	18	0.20934 d
			11.504	529650.5	183566.5	18	0.2071 d
			12.004	529650.9	183566.8	18	0.20556 d
			12.504	529651.3	183567.1	18	0.2047 d
			13.004	529651.8	183567.3	18	0.40902 d
16	16 Shallow	0	0	529640.8	183560.3	18	0.66596 d
			0.49835	529641.1	183559.9	18	0.3505 d
			0.9967	529641.4	183559.5	18	0.36701 d
			1.4951	529641.6	183559.1	18	0.38252 d
			1.9934	529641.9	183558.7	18	0.39707 d
			2.4918	529642.2	183558.3	18	0.41069 d
			2.9901	529642.4	183557.8	18	0.4234 d
			3.4885	529642.7	183557.4	18	0.43523 d
			3.9868	529643	183557	18	0.44621 d
			4.4852	529643.2	183556.6	18	0.45639 d
			4.9835	529643.5	183556.2	18	0.46578 d
			5.4819	529643.8	183555.7	18	0.47442 d
			5.9802	529644.1	183555.3	18	0.48234 d
			6.4786	529644.3	183554.9	18	0.48957 d
			6.9769	529644.6	183554.5	18	0.49614 d
			7.4753	529644.9	183554.1	18	0.50208 d
			7.9736	529645.1	183553.7	18	0.50742 d
			8.472	529645.4	183553.2	18	0.51219 d
			8.9703	529645.7	183552.8	18	0.51641 d
			9.4687	529646	183552.4	18	0.52012 d
			9.967	529646.2	183552	18	0.52333 d
			10.465	529646.5	183551.6	18	0.52607 d
			10.964	529646.8	183551.1	18	0.52837 d
			11.462	529647	183550.7	18	0.53024 d
			11.96	529647.3	183550.3	18	0.53172 d
			12.459	529647.6	183549.9	18	0.53282 d
			12.957	529647.9	183549.5	18	0.53357 d
			13.455	529648.1	183549.1	18	0.53397 d
			13.954	529648.4	183548.6	18	0.53406 d
			14.452	529648.7	183548.2	18	0.53385 d

			14.951	529648.9	183547.8	18	0.53336 d
			15.449	529649.2	183547.4	18	0.5326 d
			15.947	529649.5	183547	18	0.53159 d
			16.446	529649.8	183546.5	18	0.53035 d
			16.944	529650	183546.1	18	0.52888 d
			17.442	529650.3	183545.7	18	0.52722 d
			17.941	529650.6	183545.3	18	0.52535 d
			18.439	529650.8	183544.9	18	0.52331 d
			18.937	529651.1	183544.5	18	0.5211 d
			19.436	529651.4	183544	18	0.51874 d
			19.934	529651.7	183543.6	18	0.51623 d
			20.432	529651.9	183543.2	18	0.51358 d
			20.931	529652.2	183542.8	18	0.51081 d
			21.429	529652.5	183542.4	18	0.50792 d
			21.927	529652.7	183541.9	18	1.0099 d
17	17 Shallow	0	0	529651.8	183567.3	18	0.40902 d
			0.4993	529652	183566.9	18	0.21916 d
			0.9986	529652.3	183566.5	18	0.23557 d
			1.4979	529652.6	183566.1	18	0.25325 d
			1.9972	529652.9	183565.7	18	0.27179 d
			2.4965	529653.1	183565.2	18	0.29086 d
			2.9958	529653.4	183564.8	18	0.31014 d
			3.4951	529653.7	183564.4	18	0.32941 d
			3.9944	529653.9	183564	18	0.34844 d
			4.4937	529654.2	183563.6	18	0.36706 d
			4.993	529654.5	183563.2	18	0.38515 d
			5.4923	529654.8	183562.7	18	0.40259 d
			5.9916	529655	183562.3	18	0.4193 d
			6.4909	529655.3	183561.9	18	0.43521 d
			6.9902	529655.6	183561.5	18	0.45027 d
			7.4895	529655.8	183561.1	18	0.46447 d
			7.9888	529656.1	183560.6	18	0.47778 d
			8.4881	529656.4	183560.2	18	0.4902 d
			8.9874	529656.7	183559.8	18	0.50172 d
			9.4867	529656.9	183559.4	18	0.51237 d
			9.986	529657.2	183559	18	0.52215 d
			10.485	529657.5	183558.5	18	0.53109 d
			10.985	529657.7	183558.1	18	0.53921 d
			11.484	529658	183557.7	18	0.54654 d
			11.983	529658.3	183557.3	18	0.5531 d
			12.483	529658.6	183556.9	18	0.55893 d
			12.982	529658.8	183556.5	18	0.56407 d
			13.481	529659.1	183556	18	0.56854 d
			13.98	529659.4	183555.6	18	0.57237 d
			14.48	529659.6	183555.2	18	0.5756 d
			14.979	529659.9	183554.8	18	0.57825 d
			15.478	529660.2	183554.4	18	0.58037 d
			15.978	529660.5	183553.9	18	0.58197 d
			16.477	529660.7	183553.5	18	0.5831 d
			16.976	529661	183553.1	18	0.58377 d
			17.476	529661.3	183552.7	18	0.58402 d
			17.975	529661.5	183552.3	18	0.58387 d
			18.474	529661.8	183551.8	18	0.58335 d
			18.973	529662.1	183551.4	18	0.58247 d
			19.473	529662.4	183551	18	0.58127 d
			19.972	529662.6	183550.6	18	0.57977 d
			20.471	529662.9	183550.2	18	0.57798 d
			20.971	529663.2	183549.7	18	0.57594 d
			21.47	529663.4	183549.3	18	0.57364 d
			21.969	529663.7	183548.9	18	0.57112 d
			22.469	529664	183548.5	18	1.1368 d
18	18 Shallow	0	0	529652.7	183541.9	18	1.0099 d
			0.50094	529653.2	183542.2	18	0.50753 d
			1.0019	529653.6	183542.4	18	0.51013 d
			1.5028	529654	183542.7	18	0.51271 d
			2.0038	529654.5	183542.9	18	0.51529 d
			2.5047	529654.9	183543.2	18	0.51784 d
			3.0056	529655.3	183543.5	18	0.52039 d
			3.5066	529655.8	183543.7	18	0.52292 d
			4.0075	529656.2	183544	18	0.52544 d
			4.5085	529656.6	183544.2	18	0.52794 d
			5.0094	529657.1	183544.5	18	0.53044 d
			5.5103	529657.5	183544.7	18	0.53291 d
			6.0113	529657.9	183545	18	0.53538 d
			6.5122	529658.4	183545.2	18	0.53783 d
			7.0132	529658.8	183545.5	18	0.54026 d
			7.5141	529659.2	183545.7	18	0.54268 d
			8.015	529659.7	183546	18	0.54509 d
			8.516	529660.1	183546.2	18	0.54748 d
			9.0169	529660.5	183546.5	18	0.54986 d
			9.5178	529661	183546.7	18	0.55223 d
			10.019	529661.4	183547	18	0.55458 d
			10.52	529661.8	183547.2	18	0.55692 d
			11.021	529662.3	183547.5	18	0.55924 d
			11.522	529662.7	183547.7	18	0.56155 d
			12.023	529663.1	183548	18	0.56384 d
			12.523	529663.6	183548.2	18	0.56613 d
			13.024	529664	183548.5	18	1.1368 d
19	19 Shallow	0	0	529659.1	183572	18.5	0.29438 d
			0.50201	529659.5	183572.2	18.5	0.12006 d
			1.004	529660	183572.5	18.5	0.0916 d
			1.506	529660.4	183572.8	18.5	0.06279 d
			2.008	529660.8	183573	18.5	0.03459 d
			2.51	529661.2	183573.3	18.5	0.00789 d
			3.012	529661.7	183573.6	18.5	-0.01654 d
			3.514	529662.1	183573.8	18.5	-0.03808 d
			4.0161	529662.5	183574.1	18.5	-0.05621 d
			4.5181	529662.9	183574.4	18.5	-0.07059 d
			5.0201	529663.4	183574.6	18.5	-0.08092 d
			5.5221	529663.8	183574.9	18.5	-0.08704 d
			6.0241	529664.2	183575.2	18.5	-0.08881 d
			6.5261	529664.6	183575.4	18.5	-0.08617 d
			7.0281	529665.1	183575.7	18.5	-0.07905 d
			7.5301	529665.5	183576	18.5	-0.06743 d
			8.0321	529665.9	183576.2	18.5	-0.05128 d
			8.5341	529666.3	183576.5	18.5	-0.03057 d
			9.0361	529666.8	183576.8	18.5	-0.00526 d
			9.5381	529667.2	183577	18.5	0.0247 d
			10.04	529667.6	183577.3	18.5	0.05939 d
			10.542	529668	183577.6	18.5	0.09889 d
			11.044	529668.5	183577.9	18.5	0.14332 d
			11.546	529668.9	183578.1	18.5	0.19282 d
			12.048	529669.3	183578.4	18.5	0.24755 d
			12.55	529669.7	183578.7	18.5	0.3077 d
			13.052	529670.2	183578.9	18.5	0.37346 d
			13.554	529670.6	183579.2	18.5	0.44508 d
			14.056	529671	183579.5	18.5	1.0456 d
20	20 Shallow	0	0	529659.1	183572	18.5	0.29438 d
			0.49945	529659.4	183571.5	18.5	0.14776 d
			0.9989	529659.6	183571.1	18.5	0.15622 d
			1.4984	529659.9	183570.7	18.5	0.17045 d
			1.9978	529660.2	183570.3	18.5	0.18883 d

				2.4973	529660.4	183569.8	18.5	0.21011	d
				2.9967	529660.7	183569.4	18.5	0.2333	d
				3.4962	529660.9	183569	18.5	0.25765	d
				3.9956	529661.2	183568.6	18.5	0.28256	d
				4.4951	529661.5	183568.1	18.5	0.30755	d
				4.9945	529661.7	183567.7	18.5	0.33226	d
				5.494	529662	183567.3	18.5	0.35641	d
				5.9934	529662.2	183566.9	18.5	0.3798	d
				6.4929	529662.5	183566.4	18.5	0.40225	d
				6.9923	529662.8	183566	18.5	0.42366	d
				7.4918	529663	183565.6	18.5	0.44395	d
				7.9912	529663.3	183565.2	18.5	0.46307	d
				8.4907	529663.6	183564.7	18.5	0.48099	d
				8.9901	529663.8	183564.3	18.5	0.4977	d
				9.4896	529664.1	183563.9	18.5	0.5132	d
				9.989	529664.3	183563.5	18.5	0.52752	d
				10.488	529664.6	183563	18.5	0.54067	d
				10.988	529664.9	183562.6	18.5	0.5527	d
				11.487	529665.1	183562.2	18.5	0.56364	d
				11.987	529665.4	183561.8	18.5	0.57352	d
				12.486	529665.6	183561.3	18.5	0.5824	d
				12.986	529665.9	183560.9	18.5	0.59031	d
				13.485	529666.2	183560.5	18.5	0.59731	d
				13.985	529666.4	183560.1	18.5	0.60344	d
				14.484	529666.7	183559.6	18.5	0.60874	d
				14.984	529667	183559.2	18.5	0.61326	d
				15.483	529667.2	183558.8	18.5	0.61705	d
				15.982	529667.5	183558.3	18.5	0.62014	d
				16.482	529667.7	183557.9	18.5	0.62258	d
				16.981	529668	183557.5	18.5	0.62441	d
				17.481	529668.3	183557.1	18.5	0.62567	d
				17.98	529668.5	183556.6	18.5	0.62638	d
				18.48	529668.8	183556.2	18.5	0.6266	d
				18.979	529669	183555.8	18.5	0.62635	d
				19.479	529669.3	183555.4	18.5	0.62566	d
				19.978	529669.6	183554.9	18.5	0.62457	d
				20.478	529669.8	183554.5	18.5	0.62309	d
				20.977	529670.1	183554.1	18.5	0.62127	d
				21.476	529670.3	183553.7	18.5	0.61913	d
				21.976	529670.6	183553.2	18.5	0.61668	d
				22.475	529670.9	183552.8	18.5	0.61396	d
				22.975	529671.1	183552.4	18.5	0.61099	d
				23.474	529671.4	183552	18.5	0.60778	d
				23.974	529671.7	183551.5	18.5	0.60435	d
				24.473	529671.9	183551.1	18.5	0.60073	d
				24.973	529672.2	183550.7	18.5	0.59693	d
				25.472	529672.4	183550.3	18.5	0.59296	d
				25.972	529672.7	183549.8	18.5	0.58885	d
				26.471	529673	183549.4	18.5	0.5846	d
				26.97	529673.2	183549	18.5	0.58023	d
				27.47	529673.5	183548.6	18.5	0.57575	d
				27.969	529673.7	183548.1	18.5	0.57117	d
				28.469	529674	183547.7	18.5	0.5665	d
				28.968	529674.3	183547.3	18.5	0.56176	d
				29.468	529674.5	183546.9	18.5	0.55695	d
				29.967	529674.8	183546.4	18.5	0.55208	d
				30.467	529675.1	183546	18.5	0.54716	d
				30.966	529675.3	183545.6	18.5	0.5422	d
				31.465	529675.6	183545.2	18.5	0.5372	d
				31.965	529675.8	183544.7	18.5	0.53218	d
				32.464	529676.1	183544.3	18.5	0.52713	d
				32.964	529676.4	183543.9	18.5	0.52207	d
				33.463	529676.6	183543.5	18.5	0.51699	d
				33.963	529676.9	183543	18.5	0.51191	d
				34.462	529677.1	183542.6	18.5	0.50683	d
				34.962	529677.4	183542.2	18.5	0.50175	d
				35.461	529677.7	183541.8	18.5	0.49667	d
				35.961	529677.9	183541.3	18.5	0.49161	d
				36.46	529678.2	183540.9	18.5	0.48656	d
				36.959	529678.5	183540.5	18.5	0.48153	d
				37.459	529678.7	183540	18.5	0.47652	d
				37.958	529679	183539.6	18.5	0.47153	d
				38.458	529679.2	183539.2	18.5	0.46656	d
				38.957	529679.5	183538.8	18.5	0.46162	d
				39.457	529679.8	183538.3	18.5	0.45672	d
				39.956	529680	183537.9	18.5	0.45184	d
				40.456	529680.3	183537.5	18.5	0.894	d
21	21	Shallow	0	0	529671	183579.5	18.5	1.0456	d
				0.5028	529671.3	183579	18.5	0.46976	d
				1.0056	529671.6	183578.6	18.5	0.4313	d
				1.5084	529671.8	183578.2	18.5	0.40479	d
				2.0112	529672.1	183577.8	18.5	0.38803	d
				2.514	529672.4	183577.4	18.5	0.37924	d
				3.0168	529672.7	183576.9	18.5	0.3769	d
				3.5196	529672.9	183576.5	18.5	0.37974	d
				4.0224	529673.2	183576.1	18.5	0.3867	d
				4.5252	529673.5	183575.7	18.5	0.39687	d
				5.028	529673.7	183575.2	18.5	0.40948	d
				5.5308	529674	183574.8	18.5	0.42388	d
				6.0336	529674.3	183574.4	18.5	0.43955	d
				6.5364	529674.6	183574	18.5	0.45601	d
				7.0392	529674.8	183573.6	18.5	0.47289	d
				7.542	529675.1	183573.1	18.5	0.48988	d
				8.0448	529675.4	183572.7	18.5	0.50673	d
				8.5476	529675.7	183572.3	18.5	0.52322	d
				9.0504	529675.9	183571.9	18.5	0.53919	d
				9.5532	529676.2	183571.5	18.5	0.55451	d
				10.056	529676.5	183571	18.5	0.56907	d
				10.559	529676.8	183570.6	18.5	0.58281	d
				11.062	529677	183570.2	18.5	0.59568	d
				11.564	529677.3	183569.8	18.5	0.60764	d
				12.067	529677.6	183569.3	18.5	0.61867	d
				12.57	529677.9	183568.9	18.5	0.62876	d
				13.073	529678.1	183568.5	18.5	0.63793	d
				13.576	529678.4	183568.1	18.5	0.64618	d
				14.078	529678.7	183567.7	18.5	0.65354	d
				14.581	529679	183567.2	18.5	0.66002	d
				15.084	529679.2	183566.8	18.5	0.66566	d
				15.587	529679.5	183566.4	18.5	0.67049	d
				16.09	529679.8	183566	18.5	0.67454	d
				16.592	529680.1	183565.6	18.5	0.67786	d
				17.095	529680.3	183565.1	18.5	0.68046	d
				17.598	529680.6	183564.7	18.5	0.6824	d
				18.101	529680.9	183564.3	18.5	0.68371	d
				18.604	529681.2	183563.9	18.5	0.68442	d
				19.106	529681.4	183563.5	18.5	0.68457	d
				19.609	529681.7	183563	18.5	0.68419	d
				20.112	529682	183562.6	18.5	0.68333	d
				20.615	529682.3	183562.2	18.5	0.682	d
				21.118	529682.5	183561.8	18.5	0.68025	d
				21.62	529682.8	183561.3	18.5	0.67809	d
				22.123	529683.1	183560.9	18.5	0.67557	d

			22.626	529683.4	183560.5	18.5	0.6727 d
			23.129	529683.6	183560.1	18.5	0.66952 d
			23.632	529683.9	183559.7	18.5	0.66605 d
			24.134	529684.2	183559.2	18.5	0.66231 d
			24.637	529684.5	183558.8	18.5	0.65832 d
			25.14	529684.7	183558.4	18.5	0.65411 d
			25.643	529685	183558	18.5	0.6497 d
			26.146	529685.3	183557.6	18.5	0.6451 d
			26.648	529685.6	183557.1	18.5	0.64032 d
			27.151	529685.8	183556.7	18.5	0.6354 d
			27.654	529686.1	183556.3	18.5	0.63034 d
			28.157	529686.4	183555.9	18.5	0.62516 d
			28.66	529686.7	183555.4	18.5	0.61987 d
			29.162	529686.9	183555	18.5	0.61448 d
			29.665	529687.2	183554.6	18.5	0.60901 d
			30.168	529687.5	183554.2	18.5	0.60347 d
			30.671	529687.8	183553.8	18.5	0.59786 d
			31.174	529688	183553.3	18.5	0.5922 d
			31.676	529688.3	183552.9	18.5	0.5865 d
			32.179	529688.6	183552.5	18.5	0.58076 d
			32.682	529688.9	183552.1	18.5	0.575 d
			33.185	529689.1	183551.7	18.5	0.56921 d
			33.688	529689.4	183551.2	18.5	0.56341 d
			34.19	529689.7	183550.8	18.5	0.55761 d
			34.693	529690	183550.4	18.5	0.5518 d
			35.196	529690.2	183550	18.5	0.546 d
			35.699	529690.5	183549.6	18.5	0.5402 d
			36.202	529690.8	183549.1	18.5	0.53442 d
			36.704	529691.1	183548.7	18.5	0.52865 d
			37.207	529691.3	183548.3	18.5	0.52291 d
			37.71	529691.6	183547.9	18.5	0.51719 d
			38.213	529691.9	183547.4	18.5	0.5115 d
			38.716	529692.1	183547	18.5	0.50584 d
			39.218	529692.4	183546.6	18.5	0.50022 d
			39.721	529692.7	183546.2	18.5	0.49463 d
			40.224	529693	183545.8	18.5	0.48908 d
			40.727	529693.2	183545.3	18.5	0.96714 d
22	22 Shallow	0	0	529680.3	183537.5	18.5	0.894 d
			0.50517	529680.7	183537.8	18.5	0.44849 d
			1.0103	529681.1	183538	18.5	0.44997 d
			1.5155	529681.6	183538.3	18.5	0.45143 d
			2.0207	529682	183538.5	18.5	0.45288 d
			2.5258	529682.4	183538.8	18.5	0.45431 d
			3.031	529682.9	183539.1	18.5	0.45571 d
			3.5362	529683.3	183539.3	18.5	0.45711 d
			4.0414	529683.7	183539.6	18.5	0.45848 d
			4.5465	529684.2	183539.8	18.5	0.45983 d
			5.0517	529684.6	183540.1	18.5	0.46117 d
			5.5569	529685	183540.4	18.5	0.46248 d
			6.062	529685.5	183540.6	18.5	0.46378 d
			6.5672	529685.9	183540.9	18.5	0.46506 d
			7.0724	529686.3	183541.2	18.5	0.46632 d
			7.5775	529686.8	183541.4	18.5	0.46755 d
			8.0827	529687.2	183541.7	18.5	0.46877 d
			8.5879	529687.6	183541.9	18.5	0.46997 d
			9.0931	529688.1	183542.2	18.5	0.47114 d
			9.5982	529688.5	183542.5	18.5	0.4723 d
			10.103	529688.9	183542.7	18.5	0.47343 d
			10.609	529689.4	183543	18.5	0.47455 d
			11.114	529689.8	183543.2	18.5	0.47564 d
			11.619	529690.2	183543.5	18.5	0.47671 d
			12.124	529690.7	183543.8	18.5	0.47776 d
			12.629	529691.1	183544	18.5	0.47878 d
			13.134	529691.5	183544.3	18.5	0.47979 d
			13.64	529692	183544.6	18.5	0.48077 d
			14.145	529692.4	183544.8	18.5	0.48173 d
			14.65	529692.8	183545.1	18.5	0.48266 d
			15.155	529693.2	183545.3	18.5	0.96714 d
23	23 Shallow	0	0	529684.1	183588.5	19	1.4334 d
			0.50096	529684.5	183588.8	19	0.67446 d
			1.0019	529684.9	183589	19	0.64128 d
			1.5029	529685.3	183589.3	19	0.6155 d
			2.0038	529685.8	183589.6	19	0.5956 d
			2.5048	529686.2	183589.9	19	0.58029 d
			3.0057	529686.6	183590.2	19	0.56848 d
			3.5067	529687	183590.4	19	0.55932 d
			4.0076	529687.4	183590.7	19	0.55218 d
			4.5086	529687.8	183591	19	0.54667 d
			5.0096	529688.3	183591.3	19	0.54262 d
			5.5105	529688.7	183591.6	19	0.54003 d
			6.0115	529689.1	183591.8	19	0.53902 d
			6.5124	529689.5	183592.1	19	0.53979 d
			7.0134	529689.9	183592.4	19	0.54255 d
			7.5143	529690.3	183592.7	19	0.54751 d
			8.0153	529690.7	183592.9	19	0.55481 d
			8.5162	529691.2	183593.2	19	0.56457 d
			9.0172	529691.6	183593.5	19	0.57681 d
			9.5182	529692	183593.8	19	0.59151 d
			10.019	529692.4	183594.1	19	0.60857 d
			10.52	529692.8	183594.3	19	0.62785 d
			11.021	529693.2	183594.6	19	0.64912 d
			11.522	529693.7	183594.9	19	0.6721 d
			12.023	529694.1	183595.2	19	0.69647 d
			12.524	529694.5	183595.5	19	0.72184 d
			13.025	529694.9	183595.7	19	0.74775 d
			13.526	529695.3	183596	19	0.7737 d
			14.027	529695.7	183596.3	19	0.79915 d
			14.528	529696.2	183596.6	19	0.82353 d
			15.029	529696.6	183596.8	19	0.84625 d
			15.53	529697	183597.1	19	0.86678 d
			16.031	529697.4	183597.4	19	1.7693 d
24	24 Shallow	0	0	529684.1	183588.5	19	1.4334 d
			0.50222	529684.4	183588.1	19	0.68296 d
			1.0044	529684.6	183587.7	19	0.65689 d
			1.5066	529684.9	183587.2	19	0.63743 d
			2.0089	529685.2	183586.8	19	0.62367 d
			2.5111	529685.5	183586.4	19	0.6148 d
			3.0133	529685.7	183586	19	0.61011 d
			3.5155	529686	183585.6	19	0.60897 d
			4.0177	529686.3	183585.1	19	0.61079 d
			4.5199	529686.6	183584.7	19	0.61505 d
			5.0222	529686.9	183584.3	19	0.62128 d
			5.5244	529687.1	183583.9	19	0.62905 d
			6.0266	529687.4	183583.5	19	0.63798 d
			6.5288	529687.7	183583	19	0.64773 d
			7.031	529688	183582.6	19	0.65801 d
			7.5332	529688.2	183582.2	19	0.66856 d
			8.0355	529688.5	183581.8	19	0.67916 d
			8.5377	529688.8	183581.4	19	0.68964 d
			9.0399	529689.1	183580.9	19	0.69984 d
			9.5421	529689.3	183580.5	19	0.70962 d
			10.044	529689.6	183580.1	19	0.7189 d

			10.547	529689.9	183579.7	19	0.7276	d
			11.049	529690.2	183579.3	19	0.73564	d
			11.551	529690.4	183578.8	19	0.743	d
			12.053	529690.7	183578.4	19	0.74964	d
			12.555	529691	183578	19	0.75555	d
			13.058	529691.3	183577.6	19	0.76072	d
			13.56	529691.6	183577.2	19	0.76515	d
			14.062	529691.8	183576.8	19	0.76885	d
			14.564	529692.1	183576.3	19	0.77185	d
			15.066	529692.4	183575.9	19	0.77414	d
			15.569	529692.7	183575.5	19	0.77577	d
			16.071	529692.9	183575.1	19	0.77676	d
			16.573	529693.2	183574.7	19	0.77712	d
			17.075	529693.5	183574.2	19	0.7769	d
			17.578	529693.8	183573.8	19	0.77612	d
			18.08	529694	183573.4	19	0.77482	d
			18.582	529694.3	183573	19	0.77302	d
			19.084	529694.6	183572.6	19	0.77075	d
			19.586	529694.9	183572.1	19	0.76804	d
			20.089	529695.1	183571.7	19	0.76492	d
			20.591	529695.4	183571.3	19	0.76143	d
			21.093	529695.7	183570.9	19	0.75758	d
			21.595	529696	183570.5	19	0.7534	d
			22.098	529696.3	183570	19	0.74893	d
			22.6	529696.5	183569.6	19	0.74417	d
			23.102	529696.8	183569.2	19	0.73916	d
			23.604	529697.1	183568.8	19	0.73392	d
			24.106	529697.4	183568.4	19	0.72847	d
			24.609	529697.6	183567.9	19	0.72283	d
			25.111	529697.9	183567.5	19	0.71701	d
			25.613	529698.2	183567.1	19	0.71104	d
			26.115	529698.5	183566.7	19	0.70493	d
			26.617	529698.7	183566.3	19	0.6987	d
			27.12	529699	183565.9	19	0.69236	d
			27.622	529699.3	183565.4	19	0.68593	d
			28.124	529699.6	183565	19	0.67941	d
			28.626	529699.8	183564.6	19	0.67282	d
			29.129	529700.1	183564.2	19	0.66618	d
			29.631	529700.4	183563.8	19	0.65949	d
			30.133	529700.7	183563.3	19	0.65276	d
			30.635	529701	183562.9	19	0.646	d
			31.137	529701.2	183562.5	19	0.63922	d
			31.64	529701.5	183562.1	19	0.63243	d
			32.142	529701.8	183561.7	19	0.62564	d
			32.644	529702.1	183561.2	19	0.61884	d
			33.146	529702.3	183560.8	19	0.61206	d
			33.648	529702.6	183560.4	19	0.60529	d
			34.151	529702.9	183560	19	0.59853	d
			34.653	529703.2	183559.6	19	0.59181	d
			35.155	529703.4	183559.1	19	0.58511	d
			35.657	529703.7	183558.7	19	0.57844	d
			36.16	529704	183558.3	19	0.57181	d
			36.662	529704.3	183557.9	19	0.56522	d
			37.164	529704.5	183557.5	19	1.1174	d
25	25	Shallow	0	0	529697.4	183597.4	19	1.7693	d
			0.49776	529697.7	183597	19	0.85461	d
			0.99552	529698	183596.6	19	0.83453	d
			1.4933	529698.2	183596.2	19	0.82203	d
			1.991	529698.5	183595.7	19	0.81527	d
			2.4888	529698.8	183595.3	19	0.81283	d
			2.9866	529699.1	183594.9	19	0.81358	d
			3.4843	529699.3	183594.5	19	0.81663	d
			3.9821	529699.6	183594.1	19	0.82128	d
			4.4799	529699.9	183593.7	19	0.82698	d
			4.9776	529700.1	183593.2	19	0.83327	d
			5.4754	529700.4	183592.8	19	0.83983	d
			5.9731	529700.7	183592.4	19	0.84639	d
			6.4709	529701	183592	19	0.85273	d
			6.9687	529701.2	183591.6	19	0.85871	d
			7.4664	529701.5	183591.2	19	0.86419	d
			7.9642	529701.8	183590.7	19	0.86911	d
			8.4619	529702.1	183590.3	19	0.8734	d
			8.9597	529702.3	183589.9	19	0.87703	d
			9.4575	529702.6	183589.5	19	0.87997	d
			9.9552	529702.9	183589.1	19	0.88222	d
			10.453	529703.1	183588.7	19	0.88377	d
			10.951	529703.4	183588.3	19	0.88465	d
			11.449	529703.7	183587.8	19	0.88487	d
			11.946	529704	183587.4	19	0.88445	d
			12.444	529704.2	183587	19	0.88341	d
			12.942	529704.5	183586.6	19	0.8818	d
			13.44	529704.8	183586.2	19	0.87962	d
			13.937	529705.1	183585.8	19	0.87693	d
			14.435	529705.3	183585.3	19	0.87373	d
			14.933	529705.6	183584.9	19	0.87008	d
			15.431	529705.9	183584.5	19	0.866	d
			15.928	529706.2	183584.1	19	0.86152	d
			16.426	529706.4	183583.7	19	0.85666	d
			16.924	529706.7	183583.3	19	0.85146	d
			17.422	529707	183582.8	19	0.84595	d
			17.919	529707.2	183582.4	19	0.84014	d
			18.417	529707.5	183582	19	0.83407	d
			18.915	529707.8	183581.6	19	0.82776	d
			19.413	529708.1	183581.2	19	0.82124	d
			19.91	529708.3	183580.8	19	0.81451	d
			20.408	529708.6	183580.3	19	0.80761	d
			20.906	529708.9	183579.9	19	0.80055	d
			21.404	529709.2	183579.5	19	0.79336	d
			21.901	529709.4	183579.1	19	0.78604	d
			22.399	529709.7	183578.7	19	0.77861	d
			22.897	529710	183578.3	19	0.77109	d
			23.395	529710.3	183577.9	19	0.7635	d
			23.893	529710.5	183577.4	19	0.75584	d
			24.39	529710.8	183577	19	0.74812	d
			24.888	529711.1	183576.6	19	0.74037	d
			25.386	529711.3	183576.2	19	0.73258	d
			25.884	529711.6	183575.8	19	0.72478	d
			26.381	529711.9	183575.4	19	0.71696	d
			26.879	529712.2	183574.9	19	0.70913	d
			27.377	529712.4	183574.5	19	0.70131	d
			27.875	529712.7	183574.1	19	0.69351	d
			28.372	529713	183573.7	19	0.68572	d
			28.87	529713.3	183573.3	19	0.67795	d
			29.368	529713.5	183572.9	19	0.67021	d
			29.866	529713.8	183572.4	19	0.66251	d
			30.363	529714.1	183572	19	0.65485	d
			30.861	529714.4	183571.6	19	0.64723	d
			31.359	529714.6	183571.2	19	0.63965	d
			31.857	529714.9	183570.8	19	0.63213	d
			32.354	529715.2	183570.4	19	0.62467	d
			32.852	529715.4	183569.9	19	0.61726	d
			33.35	529715.7	183569.5	19	0.60991	d

				33.848	529716	183569.1	19	0.60262 d
				34.346	529716.3	183568.7	19	0.5954 d
				34.843	529716.5	183568.3	19	0.58825 d
				35.341	529716.8	183567.9	19	0.58116 d
				35.839	529717.1	183567.5	19	0.57414 d
				36.337	529717.4	183567	19	0.5672 d
				36.834	529717.6	183566.6	19	1.1206 d
26	26 Shallow	0	0	0	529704.5	183557.5	19	1.1174 d
				0.49902	529705	183557.8	19	0.55925 d
				0.99803	529705.4	183558	19	0.5598 d
				1.4971	529705.8	183558.3	19	0.56031 d
				1.9961	529706.2	183558.6	19	0.56079 d
				2.4951	529706.6	183558.9	19	0.56124 d
				2.9941	529707	183559.2	19	0.56166 d
				3.4931	529707.4	183559.5	19	0.56204 d
				3.9921	529707.8	183559.8	19	0.56239 d
				4.4912	529708.2	183560	19	0.56271 d
				4.9902	529708.6	183560.3	19	0.563 d
				5.4892	529709	183560.6	19	0.56325 d
				5.9882	529709.5	183560.9	19	0.56347 d
				6.4872	529709.9	183561.2	19	0.56365 d
				6.9862	529710.3	183561.5	19	0.5638 d
				7.4853	529710.7	183561.8	19	0.56391 d
				7.9843	529711.1	183562	19	0.56399 d
				8.4833	529711.5	183562.3	19	0.56403 d
				8.9823	529711.9	183562.6	19	0.56404 d
				9.4813	529712.3	183562.9	19	0.56401 d
				9.9803	529712.7	183563.2	19	0.56395 d
				10.479	529713.1	183563.5	19	0.56385 d
				10.978	529713.5	183563.8	19	0.56371 d
				11.477	529714	183564	19	0.56354 d
				11.976	529714.4	183564.3	19	0.56333 d
				12.475	529714.8	183564.6	19	0.56308 d
				12.974	529715.2	183564.9	19	0.5628 d
				13.473	529715.6	183565.2	19	0.56248 d
				13.972	529716	183565.5	19	0.56212 d
				14.471	529716.4	183565.8	19	0.56173 d
				14.971	529716.8	183566	19	0.5613 d
				15.47	529717.2	183566.3	19	0.56083 d
				15.969	529717.6	183566.6	19	1.1206 d
27	27 Shallow	0	0	0	529708.2	183604	19.5	2.0194 d
				0.49577	529708.6	183604.3	19.5	1.018 d
				0.99154	529709	183604.6	19.5	1.0262 d
				1.4873	529709.4	183604.9	19.5	1.0344 d
				1.9831	529709.8	183605.1	19.5	1.0424 d
				2.4789	529710.2	183605.4	19.5	1.0502 d
				2.9746	529710.6	183605.7	19.5	1.0577 d
				3.4704	529711	183606	19.5	1.065 d
				3.9662	529711.4	183606.2	19.5	1.0719 d
				4.462	529711.9	183606.5	19.5	1.0785 d
				4.9577	529712.3	183606.8	19.5	1.0847 d
				5.4535	529712.7	183607.1	19.5	1.0904 d
				5.9493	529713.1	183607.4	19.5	1.0957 d
				6.445	529713.5	183607.6	19.5	1.1005 d
				6.9408	529713.9	183607.9	19.5	1.1049 d
				7.4366	529714.3	183608.2	19.5	1.1087 d
				7.9324	529714.7	183608.5	19.5	1.1121 d
				8.4281	529715.1	183608.7	19.5	1.1149 d
				8.9239	529715.5	183609	19.5	2.2346 d
28	28 Shallow	0	0	0	529708.2	183604	19.5	2.0194 d
				0.50258	529708.4	183603.6	19.5	1.0109 d
				1.0052	529708.7	183603.2	19.5	1.0117 d
				1.5077	529709	183602.8	19.5	1.0121 d
				2.0103	529709.3	183602.4	19.5	1.0122 d
				2.5129	529709.5	183601.9	19.5	1.0118 d
				3.0155	529709.8	183601.5	19.5	1.011 d
				3.5181	529710.1	183601.1	19.5	1.0096 d
				4.0207	529710.4	183600.7	19.5	1.0079 d
				4.5232	529710.7	183600.3	19.5	1.0057 d
				5.0258	529710.9	183599.8	19.5	1.003 d
				5.5284	529711.2	183599.4	19.5	0.99986 d
				6.031	529711.5	183599	19.5	0.99629 d
				6.5336	529711.8	183598.6	19.5	0.9923 d
				7.0361	529712	183598.2	19.5	0.9879 d
				7.5387	529712.3	183597.7	19.5	0.9831 d
				8.0413	529712.6	183597.3	19.5	0.97792 d
				8.5439	529712.9	183596.9	19.5	0.97239 d
				9.0465	529713.2	183596.5	19.5	0.96652 d
				9.5491	529713.4	183596.1	19.5	0.96033 d
				10.052	529713.7	183595.7	19.5	0.95385 d
				10.554	529714	183595.2	19.5	0.94709 d
				11.057	529714.3	183594.8	19.5	0.94007 d
				11.559	529714.6	183594.4	19.5	0.93281 d
				12.062	529714.8	183594	19.5	0.92534 d
				12.565	529715.1	183593.6	19.5	0.91766 d
				13.067	529715.4	183593.1	19.5	0.90981 d
				13.57	529715.7	183592.7	19.5	0.90179 d
				14.072	529715.9	183592.3	19.5	0.89362 d
				14.575	529716.2	183591.9	19.5	0.88533 d
				15.077	529716.5	183591.5	19.5	0.87692 d
				15.58	529716.8	183591	19.5	0.86841 d
				16.083	529717.1	183590.6	19.5	0.85981 d
				16.585	529717.3	183590.2	19.5	0.85114 d
				17.088	529717.6	183589.8	19.5	0.84241 d
				17.59	529717.9	183589.4	19.5	0.83364 d
				18.093	529718.2	183589	19.5	0.82482 d
				18.596	529718.4	183588.5	19.5	0.81598 d
				19.098	529718.7	183588.1	19.5	0.80713 d
				19.601	529719	183587.7	19.5	0.79826 d
				20.103	529719.3	183587.3	19.5	0.7894 d
				20.606	529719.6	183586.9	19.5	0.78054 d
				21.108	529719.8	183586.4	19.5	0.77171 d
				21.611	529720.1	183586	19.5	0.7629 d
				22.114	529720.4	183585.6	19.5	0.75411 d
				22.616	529720.7	183585.2	19.5	0.74537 d
				23.119	529720.9	183584.8	19.5	0.73666 d
				23.621	529721.2	183584.4	19.5	0.72801 d
				24.124	529721.5	183583.9	19.5	0.7194 d
				24.627	529721.8	183583.5	19.5	0.71085 d
				25.129	529722.1	183583.1	19.5	0.70236 d
				25.632	529722.3	183582.7	19.5	0.69393 d
				26.134	529722.6	183582.3	19.5	0.68557 d
				26.637	529722.9	183581.8	19.5	0.67727 d
				27.139	529723.2	183581.4	19.5	0.66905 d
				27.642	529723.4	183581	19.5	0.66091 d
				28.145	529723.7	183580.6	19.5	0.65284 d
				28.647	529724	183580.2	19.5	0.64484 d
				29.15	529724.3	183579.7	19.5	0.63693 d
				29.652	529724.6	183579.3	19.5	0.6291 d
				30.155	529724.8	183578.9	19.5	0.62135 d
				30.657	529725.1	183578.5	19.5	0.61368 d
				31.16	529725.4	183578.1	19.5	0.6061 d

				31.663	529725.7	183577.7	19.5	0.59861 d
				32.165	529726	183577.2	19.5	0.5912 d
				32.668	529726.2	183576.8	19.5	0.58387 d
				33.17	529726.5	183576.4	19.5	0.57663 d
				33.673	529726.8	183576	19.5	0.56948 d
				34.176	529727.1	183575.6	19.5	0.56242 d
				34.678	529727.3	183575.1	19.5	0.55544 d
				35.181	529727.6	183574.7	19.5	0.54855 d
				35.683	529727.9	183574.3	19.5	0.54175 d
				36.186	529728.2	183573.9	19.5	0.53503 d
				36.688	529728.5	183573.5	19.5	1.0568 d
29	29	Shallow	0	0	529715.5	183609	19.5	2.2346 d
				0.50112	529715.8	183608.6	19.5	1.1096 d
				1.0022	529716.1	183608.2	19.5	1.1016 d
				1.5034	529716.4	183607.8	19.5	1.0935 d
				2.0045	529716.6	183607.3	19.5	1.0853 d
				2.5056	529716.9	183606.9	19.5	1.0768 d
				3.0067	529717.2	183606.5	19.5	1.0683 d
				3.5079	529717.4	183606.1	19.5	1.0596 d
				4.009	529717.7	183605.6	19.5	1.0507 d
				4.5101	529718	183605.2	19.5	1.0418 d
				5.0112	529718.2	183604.8	19.5	1.0327 d
				5.5124	529718.5	183604.4	19.5	1.0236 d
				6.0135	529718.8	183603.9	19.5	1.0143 d
				6.5146	529719	183603.5	19.5	1.005 d
				7.0157	529719.3	183603.1	19.5	0.99558 d
				7.5169	529719.6	183602.7	19.5	0.98612 d
				8.018	529719.9	183602.3	19.5	0.97659 d
				8.5191	529720.1	183601.8	19.5	0.96702 d
				9.0202	529720.4	183601.4	19.5	0.95741 d
				9.5213	529720.7	183601	19.5	0.94777 d
				10.022	529720.9	183600.6	19.5	0.9381 d
				10.524	529721.2	183600.1	19.5	0.92842 d
				11.025	529721.5	183599.7	19.5	0.91872 d
				11.526	529721.7	183599.3	19.5	0.90903 d
				12.027	529722	183598.9	19.5	0.89933 d
				12.528	529722.3	183598.5	19.5	0.88965 d
				13.029	529722.6	183598	19.5	0.87998 d
				13.53	529722.8	183597.6	19.5	0.87034 d
				14.031	529723.1	183597.2	19.5	0.86072 d
				14.533	529723.4	183596.8	19.5	0.85114 d
				15.034	529723.6	183596.3	19.5	0.84159 d
				15.535	529723.9	183595.9	19.5	0.83208 d
				16.036	529724.2	183595.5	19.5	0.82262 d
				16.537	529724.4	183595.1	19.5	0.81321 d
				17.038	529724.7	183594.7	19.5	0.80385 d
				17.539	529725	183594.2	19.5	0.79456 d
				18.04	529725.2	183593.8	19.5	0.78532 d
				18.542	529725.5	183593.4	19.5	0.77614 d
				19.043	529725.8	183593	19.5	0.76704 d
				19.544	529726.1	183592.5	19.5	0.758 d
				20.045	529726.3	183592.1	19.5	0.74904 d
				20.546	529726.6	183591.7	19.5	0.74015 d
				21.047	529726.9	183591.3	19.5	0.73133 d
				21.548	529727.1	183590.8	19.5	0.7226 d
				22.049	529727.4	183590.4	19.5	0.71394 d
				22.551	529727.7	183590	19.5	0.70537 d
				23.052	529727.9	183589.6	19.5	0.69688 d
				23.553	529728.2	183589.2	19.5	0.68847 d
				24.054	529728.5	183588.7	19.5	0.68015 d
				24.555	529728.7	183588.3	19.5	0.67192 d
				25.056	529729	183587.9	19.5	0.66377 d
				25.557	529729.3	183587.5	19.5	0.65571 d
				26.058	529729.6	183587	19.5	0.64774 d
				26.56	529729.8	183586.6	19.5	0.63985 d
				27.061	529730.1	183586.2	19.5	0.63206 d
				27.562	529730.4	183585.8	19.5	0.62435 d
				28.063	529730.6	183585.4	19.5	0.61674 d
				28.564	529730.9	183584.9	19.5	0.60921 d
				29.065	529731.2	183584.5	19.5	0.60178 d
				29.566	529731.4	183584.1	19.5	0.59443 d
				30.067	529731.7	183583.7	19.5	0.58717 d
				30.569	529732	183583.2	19.5	0.58 d
				31.07	529732.2	183582.8	19.5	0.57292 d
				31.571	529732.5	183582.4	19.5	0.56593 d
				32.072	529732.8	183582	19.5	0.55903 d
				32.573	529733.1	183581.6	19.5	0.55221 d
				33.074	529733.3	183581.1	19.5	0.54548 d
				33.575	529733.6	183580.7	19.5	0.53884 d
				34.076	529733.9	183580.3	19.5	0.53228 d
				34.578	529734.1	183579.9	19.5	0.52581 d
				35.079	529734.4	183579.4	19.5	0.51942 d
				35.58	529734.7	183579	19.5	0.51312 d
				36.081	529734.9	183578.6	19.5	0.5069 d
				36.582	529735.2	183578.2	19.5	1.0015 d
30	30	Shallow	0	0	529728.5	183573.5	19.5	1.0568 d
				0.51423	529728.9	183573.8	19.5	0.5269 d
				1.0285	529729.3	183574.1	19.5	0.52537 d
				1.5427	529729.7	183574.3	19.5	0.52381 d
				2.0569	529730.1	183574.6	19.5	0.52221 d
				2.5711	529730.6	183574.9	19.5	0.52059 d
				3.0854	529731	183575.2	19.5	0.51893 d
				3.5996	529731.4	183575.5	19.5	0.51724 d
				4.1138	529731.8	183575.8	19.5	0.51552 d
				4.6281	529732.3	183576.1	19.5	0.51377 d
				5.1423	529732.7	183576.4	19.5	0.512 d
				5.6565	529733.1	183576.7	19.5	0.51019 d
				6.1707	529733.5	183577	19.5	0.50836 d
				6.685	529733.9	183577.3	19.5	0.5065 d
				7.1992	529734.4	183577.6	19.5	0.50461 d
				7.7134	529734.8	183577.9	19.5	0.5027 d
				8.2276	529735.2	183578.2	19.5	1.0015 d
31	31	Shallow	0	0	529718	183610.8	20.5	2.2481 d
				0.50182	529718.5	183611.1	20.5	1.1228 d
				1.0036	529718.9	183611.4	20.5	1.1212 d
				1.5055	529719.3	183611.7	20.5	1.1191 d
				2.0073	529719.7	183611.9	20.5	1.1166 d
				2.5091	529720.1	183612.2	20.5	1.1137 d
				3.0109	529720.6	183612.5	20.5	1.1103 d
				3.5127	529721	183612.8	20.5	1.1067 d
				4.0146	529721.4	183613	20.5	1.1026 d
				4.5164	529721.8	183613.3	20.5	1.0982 d
				5.0182	529722.2	183613.6	20.5	1.0935 d
				5.52	529722.7	183613.9	20.5	1.0885 d
				6.0218	529723.1	183614.1	20.5	1.0832 d
				6.5237	529723.5	183614.4	20.5	1.0777 d
				7.0255	529723.9	183614.7	20.5	1.0718 d
				7.5273	529724.3	183615	20.5	1.0658 d
				8.0291	529724.8	183615.2	20.5	1.0595 d
				8.5309	529725.2	183615.5	20.5	1.053 d
				9.0328	529725.6	183615.8	20.5	1.0463 d
				9.5346	529726	183616.1	20.5	1.0394 d

				10.036	529726.4	183616.3	20.5	1.0323 d
				10.538	529726.9	183616.6	20.5	1.0251 d
				11.04	529727.3	183616.9	20.5	1.0178 d
				11.542	529727.7	183617.1	20.5	1.0103 d
				12.044	529728.1	183617.4	20.5	1.0027 d
				12.546	529728.5	183617.7	20.5	0.99494 d
				13.047	529729	183618	20.5	0.98711 d
				13.549	529729.4	183618.2	20.5	0.97919 d
				14.051	529729.8	183618.5	20.5	0.9712 d
				14.553	529730.2	183618.8	20.5	0.96313 d
				15.055	529730.6	183619.1	20.5	0.95499 d
				15.556	529731.1	183619.3	20.5	0.9468 d
				16.058	529731.5	183619.6	20.5	0.93857 d
				16.56	529731.9	183619.9	20.5	0.93029 d
				17.062	529732.3	183620.2	20.5	0.92198 d
				17.564	529732.7	183620.4	20.5	0.91364 d
				18.066	529733.2	183620.7	20.5	0.90529 d
				18.567	529733.6	183621	20.5	0.89692 d
				19.069	529734	183621.3	20.5	0.88854 d
				19.571	529734.4	183621.5	20.5	0.88016 d
				20.073	529734.8	183621.8	20.5	0.87179 d
				20.575	529735.3	183622.1	20.5	0.86342 d
				21.076	529735.7	183622.4	20.5	0.85506 d
				21.578	529736.1	183622.6	20.5	0.84672 d
				22.08	529736.5	183622.9	20.5	0.8384 d
				22.582	529736.9	183623.2	20.5	0.8301 d
				23.084	529737.4	183623.5	20.5	0.82183 d
				23.586	529737.8	183623.7	20.5	0.81359 d
				24.087	529738.2	183624	20.5	0.80539 d
				24.589	529738.6	183624.3	20.5	0.79722 d
				25.091	529739.1	183624.5	20.5	0.7891 d
				25.593	529739.5	183624.8	20.5	0.78101 d
				26.095	529739.9	183625.1	20.5	0.77297 d
				26.596	529740.3	183625.4	20.5	0.76498 d
				27.098	529740.7	183625.6	20.5	0.75704 d
				27.6	529741.2	183625.9	20.5	0.74915 d
				28.102	529741.6	183626.2	20.5	0.74131 d
				28.604	529742	183626.5	20.5	0.73352 d
				29.106	529742.4	183626.7	20.5	0.7258 d
				29.607	529742.8	183627	20.5	0.71812 d
				30.109	529743.3	183627.3	20.5	0.71051 d
				30.611	529743.7	183627.6	20.5	0.70296 d
				31.113	529744.1	183627.8	20.5	0.69547 d
				31.615	529744.5	183628.1	20.5	0.68804 d
				32.117	529744.9	183628.4	20.5	0.68067 d
				32.618	529745.4	183628.7	20.5	0.67336 d
				33.12	529745.8	183628.9	20.5	0.66612 d
				33.622	529746.2	183629.2	20.5	0.65895 d
				34.124	529746.6	183629.5	20.5	0.65184 d
				34.626	529747	183629.8	20.5	0.64479 d
				35.127	529747.5	183630	20.5	0.63781 d
				35.629	529747.9	183630.3	20.5	0.6309 d
				36.131	529748.3	183630.6	20.5	0.62405 d
				36.633	529748.7	183630.9	20.5	0.61727 d
				37.135	529749.1	183631.1	20.5	0.61056 d
				37.637	529749.6	183631.4	20.5	0.60391 d
				38.138	529750	183631.7	20.5	0.59733 d
				38.64	529750.4	183632	20.5	0.59082 d
				39.142	529750.8	183632.2	20.5	0.58438 d
				39.644	529751.2	183632.5	20.5	0.578 d
				40.146	529751.7	183632.8	20.5	0.57169 d
				40.647	529752.1	183633	20.5	0.56544 d
				41.149	529752.5	183633.3	20.5	0.55926 d
				41.651	529752.9	183633.6	20.5	0.55315 d
				42.153	529753.3	183633.9	20.5	0.54711 d
				42.655	529753.8	183634.1	20.5	1.0823 d
32	32	Shallow	0	0	529718	183610.8	20.5	2.2481 d
				0.49682	529718.3	183610.4	20.5	1.1144 d
				0.99363	529718.6	183610	20.5	1.1046 d
				1.4904	529718.9	183609.6	20.5	1.0947 d
				1.9873	529719.1	183609.2	20.5	1.0848 d
				2.4841	529719.4	183608.8	20.5	1.0749 d
				2.9809	529719.7	183608.4	20.5	1.0649 d
				3.4777	529720	183607.9	20.5	1.0548 d
				3.9745	529720.2	183607.5	20.5	1.0447 d
				4.4713	529720.5	183607.1	20.5	1.0345 d
				4.9682	529720.8	183606.7	20.5	1.0244 d
				5.465	529721.1	183606.3	20.5	1.0142 d
				5.9618	529721.3	183605.9	20.5	1.004 d
				6.4586	529721.6	183605.5	20.5	0.99377 d
				6.9554	529721.9	183605	20.5	0.98355 d
				7.4522	529722.2	183604.6	20.5	0.97335 d
				7.949	529722.4	183604.2	20.5	0.96315 d
				8.4459	529722.7	183603.8	20.5	0.95296 d
				8.9427	529723	183603.4	20.5	0.94279 d
				9.4395	529723.2	183603	20.5	0.93265 d
				9.9363	529723.5	183602.6	20.5	0.92253 d
				10.433	529723.8	183602.1	20.5	1.8249 d
33	33	Shallow	0	0	529723.8	183602.1	20.5	1.8249 d
				0.51275	529724.2	183602.4	20.5	0.90865 d
				1.0255	529724.6	183602.7	20.5	0.90469 d
				1.5383	529725.1	183603	20.5	0.90059 d
				2.051	529725.5	183603.3	20.5	0.89635 d
				2.5638	529725.9	183603.6	20.5	0.89198 d
				3.0765	529726.3	183603.9	20.5	0.88748 d
				3.5893	529726.8	183604.2	20.5	0.88286 d
				4.102	529727.2	183604.4	20.5	0.87812 d
				4.6148	529727.6	183604.7	20.5	0.87327 d
				5.1275	529728	183605	20.5	0.86831 d
				5.6403	529728.5	183605.3	20.5	0.86325 d
				6.1531	529728.9	183605.6	20.5	0.85809 d
				6.6658	529729.3	183605.9	20.5	0.85284 d
				7.1786	529729.7	183606.2	20.5	0.84751 d
				7.6913	529730.2	183606.5	20.5	0.84209 d
				8.2041	529730.6	183606.7	20.5	0.8366 d
				8.7168	529731	183607	20.5	0.83103 d
				9.2296	529731.4	183607.3	20.5	1.6508 d
34	34	Shallow	0	0	529731.4	183607.3	20.5	1.6508 d
				0.50313	529731.7	183606.9	20.5	0.8158 d
				1.0063	529732	183606.5	20.5	0.80629 d
				1.5094	529732.3	183606	20.5	0.79688 d
				2.0125	529732.5	183605.6	20.5	0.78756 d
				2.5157	529732.8	183605.2	20.5	0.77834 d
				3.0188	529733.1	183604.8	20.5	0.76921 d
				3.5219	529733.3	183604.3	20.5	0.76018 d
				4.0251	529733.6	183603.9	20.5	0.75125 d
				4.5282	529733.9	183603.5	20.5	0.74241 d
				5.0313	529734.2	183603.1	20.5	0.73366 d
				5.5345	529734.4	183602.7	20.5	0.72501 d
				6.0376	529734.7	183602.2	20.5	0.71645 d
				6.5407	529735	183601.8	20.5	0.70799 d
				7.0439	529735.2	183601.4	20.5	0.69963 d

				7.547	529735.5	183601	20.5	0.69135 d
				8.0501	529735.8	183600.5	20.5	0.68318 d
				8.5533	529736	183600.1	20.5	0.67509 d
				9.0564	529736.3	183599.7	20.5	0.6671 d
				9.5595	529736.6	183599.3	20.5	0.6592 d
				10.063	529736.9	183598.8	20.5	0.65139 d
				10.566	529737.1	183598.4	20.5	0.64368 d
				11.069	529737.4	183598	20.5	0.63606 d
				11.572	529737.7	183597.6	20.5	0.62852 d
				12.075	529737.9	183597.1	20.5	0.62108 d
				12.578	529738.2	183596.7	20.5	0.61373 d
				13.081	529738.5	183596.3	20.5	0.60646 d
				13.585	529738.8	183595.9	20.5	0.59929 d
				14.088	529739	183595.4	20.5	0.5922 d
				14.591	529739.3	183595	20.5	0.5852 d
				15.094	529739.6	183594.6	20.5	0.57828 d
				15.597	529739.8	183594.2	20.5	0.57145 d
				16.1	529740.1	183593.8	20.5	0.56471 d
				16.603	529740.4	183593.3	20.5	0.55805 d
				17.107	529740.7	183592.9	20.5	0.55147 d
				17.61	529740.9	183592.5	20.5	0.54498 d
				18.113	529741.2	183592.1	20.5	0.53857 d
				18.616	529741.5	183591.6	20.5	0.53224 d
				19.119	529741.7	183591.2	20.5	0.52599 d
				19.622	529742	183590.8	20.5	0.51982 d
				20.125	529742.3	183590.4	20.5	0.51373 d
				20.628	529742.6	183589.9	20.5	0.50772 d
				21.132	529742.8	183589.5	20.5	0.50178 d
				21.635	529743.1	183589.1	20.5	0.49592 d
				22.138	529743.4	183588.7	20.5	0.49014 d
				22.641	529743.6	183588.2	20.5	0.48443 d
				23.144	529743.9	183587.8	20.5	0.4788 d
				23.647	529744.2	183587.4	20.5	0.47324 d
				24.15	529744.4	183587	20.5	0.46775 d
				24.654	529744.7	183586.5	20.5	0.46233 d
				25.157	529745	183586.1	20.5	0.45698 d
				25.66	529745.3	183585.7	20.5	0.45171 d
				26.163	529745.5	183585.3	20.5	0.4465 d
				26.666	529745.8	183584.8	20.5	0.44136 d
				27.169	529746.1	183584.4	20.5	0.43629 d
				27.672	529746.3	183584	20.5	0.43128 d
				28.175	529746.6	183583.6	20.5	0.85268 d
35	35	Shallow	0	0	529746.6	183583.6	20.5	0.85268 d
				0.50586	529747	183583.8	20.5	0.42386 d
				1.0117	529747.5	183584.1	20.5	0.42138 d
				1.5176	529747.9	183584.4	20.5	0.4189 d
				2.0234	529748.3	183584.6	20.5	0.41641 d
				2.5293	529748.8	183584.9	20.5	0.41391 d
				3.0352	529749.2	183585.2	20.5	0.41142 d
				3.541	529749.6	183585.4	20.5	0.40892 d
				4.0469	529750.1	183585.7	20.5	0.40643 d
				4.5527	529750.5	183586	20.5	0.40393 d
				5.0586	529750.9	183586.2	20.5	0.40143 d
				5.5644	529751.4	183586.5	20.5	0.39893 d
				6.0703	529751.8	183586.7	20.5	0.39643 d
				6.5762	529752.2	183587	20.5	0.39394 d
				7.082	529752.7	183587.3	20.5	0.39144 d
				7.5879	529753.1	183587.5	20.5	0.38895 d
				8.0937	529753.5	183587.8	20.5	0.38646 d
				8.5996	529753.9	183588.1	20.5	0.38397 d
				9.1055	529754.4	183588.3	20.5	0.38148 d
				9.6113	529754.8	183588.6	20.5	0.379 d
				10.117	529755.2	183588.9	20.5	0.37652 d
				10.623	529755.7	183589.1	20.5	0.37404 d
				11.129	529756.1	183589.4	20.5	0.37157 d
				11.635	529756.5	183589.7	20.5	0.36911 d
				12.141	529757	183589.9	20.5	0.7333 d
36	36	Shallow	0	0	529757	183589.9	20.5	0.7333 d
				0.49823	529756.7	183590.3	20.5	0.37052 d
				0.99647	529756.4	183590.8	20.5	0.37443 d
				1.4947	529756.2	183591.2	20.5	0.3784 d
				1.9929	529755.9	183591.6	20.5	0.38241 d
				2.4912	529755.6	183592	20.5	0.38647 d
				2.9894	529755.4	183592.4	20.5	0.39058 d
				3.4876	529755.1	183592.9	20.5	0.39474 d
				3.9859	529754.8	183593.3	20.5	0.39894 d
				4.4841	529754.6	183593.7	20.5	0.4032 d
				4.9823	529754.3	183594.1	20.5	0.40751 d
				5.4806	529754	183594.5	20.5	0.41187 d
				5.9788	529753.8	183595	20.5	0.41628 d
				6.477	529753.5	183595.4	20.5	0.42075 d
				6.9753	529753.2	183595.8	20.5	0.42527 d
				7.4735	529752.9	183596.2	20.5	0.42984 d
				7.9717	529752.7	183596.6	20.5	0.43447 d
				8.47	529752.4	183597.1	20.5	0.43915 d
				8.9682	529752.1	183597.5	20.5	0.44389 d
				9.4664	529751.9	183597.9	20.5	0.44868 d
				9.9647	529751.6	183598.3	20.5	0.45353 d
				10.463	529751.3	183598.7	20.5	0.45844 d
				10.961	529751.1	183599.2	20.5	0.4634 d
				11.459	529750.8	183599.6	20.5	0.46842 d
				11.958	529750.5	183600	20.5	0.4735 d
				12.456	529750.3	183600.4	20.5	0.47864 d
				12.954	529750	183600.8	20.5	0.48385 d
				13.452	529749.7	183601.3	20.5	0.48911 d
				13.951	529749.5	183601.7	20.5	0.49443 d
				14.449	529749.2	183602.1	20.5	0.49981 d
				14.947	529748.9	183602.5	20.5	0.50526 d
				15.445	529748.7	183602.9	20.5	0.51077 d
				15.943	529748.4	183603.4	20.5	0.51634 d
				16.442	529748.1	183603.8	20.5	0.52197 d
				16.94	529747.9	183604.2	20.5	0.52767 d
				17.438	529747.6	183604.6	20.5	0.53344 d
				17.936	529747.3	183605	20.5	0.53927 d
				18.435	529747.1	183605.5	20.5	0.54516 d
				18.933	529746.8	183605.9	20.5	0.55112 d
				19.431	529746.5	183606.3	20.5	0.55715 d
				19.929	529746.2	183606.7	20.5	0.56325 d
				20.428	529746	183607.1	20.5	0.56941 d
				20.926	529745.7	183607.6	20.5	0.57564 d
				21.424	529745.4	183608	20.5	0.58194 d
				21.922	529745.2	183608.4	20.5	0.58831 d
				22.421	529744.9	183608.8	20.5	0.59475 d
				22.919	529744.6	183609.2	20.5	0.60126 d
				23.417	529744.4	183609.7	20.5	0.60784 d
				23.915	529744.1	183610.1	20.5	0.61449 d
				24.413	529743.8	183610.5	20.5	0.62121 d
				24.912	529743.6	183610.9	20.5	0.628 d
				25.41	529743.3	183611.3	20.5	0.63486 d
				25.908	529743	183611.8	20.5	0.6418 d
				26.406	529742.8	183612.2	20.5	0.64881 d
				26.905	529742.5	183612.6	20.5	1.3118 d

37	37 Shallow	0	0	529742.5	183612.6	20.5	1.3118 d
			0.49862	529742.9	183612.9	20.5	0.65003 d
			0.99724	529743.3	183613.1	20.5	0.64419 d
			1.4959	529743.8	183613.4	20.5	0.63838 d
			1.9945	529744.2	183613.7	20.5	0.63259 d
			2.4931	529744.6	183613.9	20.5	0.62683 d
			2.9917	529745	183614.2	20.5	0.6211 d
			3.4903	529745.5	183614.4	20.5	0.61539 d
			3.9889	529745.9	183614.7	20.5	0.60972 d
			4.4876	529746.3	183615	20.5	0.60408 d
			4.9862	529746.7	183615.2	20.5	0.59847 d
			5.4848	529747.2	183615.5	20.5	0.59289 d
			5.9834	529747.6	183615.8	20.5	0.58735 d
			6.482	529748	183616	20.5	0.58184 d
			6.9807	529748.4	183616.3	20.5	0.57637 d
			7.4793	529748.9	183616.5	20.5	0.57094 d
			7.9779	529749.3	183616.8	20.5	0.56554 d
			8.4765	529749.7	183617.1	20.5	0.56018 d
			8.9751	529750.1	183617.3	20.5	0.55485 d
			9.4737	529750.6	183617.6	20.5	0.54957 d
			9.9724	529751	183617.9	20.5	0.54432 d
			10.471	529751.4	183618.1	20.5	0.53912 d
			10.97	529751.8	183618.4	20.5	0.53395 d
			11.468	529752.2	183618.6	20.5	0.52883 d
			11.967	529752.7	183618.9	20.5	0.52374 d
			12.465	529753.1	183619.2	20.5	0.51869 d
			12.964	529753.5	183619.4	20.5	0.51369 d
			13.463	529753.9	183619.7	20.5	0.50873 d
			13.961	529754.4	183620	20.5	0.5038 d
			14.46	529754.8	183620.2	20.5	0.49892 d
			14.959	529755.2	183620.5	20.5	0.49409 d
			15.457	529755.6	183620.7	20.5	0.48929 d
			15.956	529756.1	183621	20.5	0.48453 d
			16.454	529756.5	183621.3	20.5	0.47982 d
			16.953	529756.9	183621.5	20.5	0.47515 d
			17.452	529757.3	183621.8	20.5	0.47052 d
			17.95	529757.8	183622.1	20.5	0.46593 d
			18.449	529758.2	183622.3	20.5	0.46138 d
			18.947	529758.6	183622.6	20.5	0.45688 d
			19.446	529759	183622.8	20.5	0.45241 d
			19.945	529759.5	183623.1	20.5	0.44799 d
			20.443	529759.9	183623.4	20.5	0.44361 d
			20.942	529760.3	183623.6	20.5	0.43928 d
			21.441	529760.7	183623.9	20.5	0.86996 d
38	38 Shallow	0	0	529760.7	183623.9	20.5	0.86996 d
			0.49588	529760.5	183624.3	20.5	0.43886 d
			0.99175	529760.2	183624.7	20.5	0.44277 d
			1.4876	529759.9	183625.1	20.5	0.44671 d
			1.9835	529759.6	183625.5	20.5	0.45068 d
			2.4794	529759.3	183625.9	20.5	0.45469 d
			2.9753	529759.1	183626.4	20.5	0.45872 d
			3.4711	529758.8	183626.8	20.5	0.46278 d
			3.967	529758.5	183627.2	20.5	0.46688 d
			4.4629	529758.2	183627.6	20.5	0.47101 d
			4.9588	529757.9	183628	20.5	0.47516 d
			5.4546	529757.7	183628.4	20.5	0.47935 d
			5.9505	529757.4	183628.8	20.5	0.48357 d
			6.4464	529757.1	183629.2	20.5	0.48782 d
			6.9423	529756.8	183629.6	20.5	0.49209 d
			7.4382	529756.5	183630	20.5	0.4964 d
			7.934	529756.3	183630.5	20.5	0.50074 d
			8.4299	529756	183630.9	20.5	0.50511 d
			8.9258	529755.7	183631.3	20.5	0.50951 d
			9.4217	529755.4	183631.7	20.5	0.51394 d
			9.9175	529755.2	183632.1	20.5	0.5184 d
			10.413	529754.9	183632.5	20.5	0.52289 d
			10.909	529754.6	183632.9	20.5	0.5274 d
			11.405	529754.3	183633.3	20.5	0.53195 d
			11.901	529754	183633.7	20.5	0.53652 d
			12.397	529753.8	183634.1	20.5	1.0823 d
39	39 Shallow	0	0	529690.6	183644	20.5	25.18 d
			0.49331	529691	183644.2	20.5	23.594 d
			0.98662	529691.4	183644.5	20.5	23.731 d
			1.4799	529691.8	183644.8	20.5	23.619 d
			1.9732	529692.3	183645	20.5	23.3 d
			2.4665	529692.7	183645.3	20.5	22.801 d
			2.9599	529693.1	183645.6	20.5	22.126 d
			3.4532	529693.5	183645.8	20.5	21.291 d
			3.9465	529693.9	183646.1	20.5	20.165 d
			4.4398	529694.3	183646.3	20.5	18.107 d
			4.9331	529694.8	183646.6	20.5	16.579 d
			5.4264	529695.2	183646.9	20.5	15.44 d
			5.9197	529695.6	183647.1	20.5	14.483 d
			6.413	529696	183647.4	20.5	13.647 d
			6.9063	529696.4	183647.7	20.5	12.904 d
			7.3996	529696.9	183647.9	20.5	12.239 d
			7.8929	529697.3	183648.2	20.5	11.641 d
			8.3863	529697.7	183648.4	20.5	11.104 d
			8.8796	529698.1	183648.7	20.5	10.621 d
			9.3729	529698.5	183649	20.5	10.19 d
			9.8662	529698.9	183649.2	20.5	9.8044 d
			10.359	529699.4	183649.5	20.5	9.4623 d
			10.853	529699.8	183649.8	20.5	9.1598 d
			11.346	529700.2	183650	20.5	8.8936 d
			11.839	529700.6	183650.3	20.5	8.6605 d
			12.333	529701	183650.5	20.5	8.457 d
			12.826	529701.4	183650.8	20.5	8.28 d
			13.319	529701.9	183651.1	20.5	8.1262 d
			13.813	529702.3	183651.3	20.5	7.9921 d
			14.306	529702.7	183651.6	20.5	7.8745 d
			14.799	529703.1	183651.9	20.5	7.77 d
			15.293	529703.5	183652.1	20.5	9.3663 d
40	40 Shallow	0	0	529690.6	183644	20.5	25.18 d
			0.50049	529690.9	183643.6	20.5	14.715 d
			1.001	529691.2	183643.1	20.5	14.812 d
			1.5015	529691.4	183642.7	20.5	14.796 d
			2.002	529691.7	183642.3	20.5	14.693 d
			2.5024	529692	183641.9	20.5	14.518 d
			3.0029	529692.3	183641.5	20.5	14.281 d
			3.5034	529692.6	183641.1	20.5	13.989 d
			4.0039	529692.8	183640.7	20.5	13.647 d
			4.5044	529693.1	183640.3	20.5	13.258 d
			5.0049	529693.4	183639.8	20.5	12.823 d
			5.5054	529693.7	183639.4	20.5	12.351 d
			6.0059	529694	183639	20.5	11.85 d
			6.5064	529694.3	183638.6	20.5	11.356 d
			7.0069	529694.5	183638.2	20.5	10.662 d
			7.5073	529694.8	183637.8	20.5	9.6593 d
			8.0078	529695.1	183637.4	20.5	8.7595 d
			8.5083	529695.4	183636.9	20.5	7.4983 d
			9.0088	529695.7	183636.5	20.5	6.4746 d
			9.5093	529696	183636.1	20.5	5.6919 d

			10.01	529696.2	183635.7	20.5	5.0363 d
			10.51	529696.5	183635.3	20.5	4.4731 d
			11.011	529696.8	183634.9	20.5	3.9862 d
			11.511	529697.1	183634.5	20.5	3.565 d
			12.012	529697.4	183634.1	20.5	3.2002 d
			12.512	529697.6	183633.6	20.5	2.8837 d
			13.013	529697.9	183633.2	20.5	2.6108 d
			13.513	529698.2	183632.8	20.5	2.3798 d
			14.014	529698.5	183632.4	20.5	2.1895 d
			14.514	529698.8	183632	20.5	2.0382 d
			15.015	529699.1	183631.6	20.5	1.9229 d
			15.515	529699.3	183631.2	20.5	1.8394 d
			16.016	529699.6	183630.7	20.5	1.7824 d
			16.516	529699.9	183630.3	20.5	1.7448 d
			17.017	529700.2	183629.9	20.5	1.7187 d
			17.517	529700.5	183629.5	20.5	1.6945 d
			18.018	529700.7	183629.1	20.5	1.6614 d
			18.518	529701	183628.7	20.5	1.2351 d
			19.019	529701.3	183628.3	20.5	1.2195 d
			19.519	529701.6	183627.9	20.5	1.2066 d
			20.02	529701.9	183627.4	20.5	1.1962 d
			20.52	529702.2	183627	20.5	1.1878 d
			21.021	529702.4	183626.6	20.5	1.1812 d
			21.521	529702.7	183626.2	20.5	1.1762 d
			22.022	529703	183625.8	20.5	1.1725 d
			22.522	529703.3	183625.4	20.5	1.1698 d
			23.023	529703.6	183625	20.5	1.1682 d
			23.523	529703.8	183624.5	20.5	1.1672 d
			24.024	529704.1	183624.1	20.5	1.167 d
			24.524	529704.4	183623.7	20.5	1.1673 d
			25.024	529704.7	183623.3	20.5	1.168 d
			25.525	529705	183622.9	20.5	1.1691 d
			26.025	529705.3	183622.5	20.5	1.1705 d
			26.526	529705.5	183622.1	20.5	1.172 d
			27.026	529705.8	183621.6	20.5	1.1737 d
			27.527	529706.1	183621.2	20.5	1.1755 d
			28.027	529706.4	183620.8	20.5	1.1772 d
			28.528	529706.7	183620.4	20.5	1.179 d
			29.028	529707	183620	20.5	1.1806 d
			29.529	529707.2	183619.6	20.5	1.1822 d
			30.029	529707.5	183619.2	20.5	1.1835 d
			30.53	529707.8	183618.8	20.5	1.1847 d
			31.03	529708.1	183618.3	20.5	2.3713 d
41	41 Shallow	0	0	529703.5	183652.1	20.5	9.3663 d
			0.50181	529703.8	183651.7	20.5	7.6275 d
			1.0036	529704.1	183651.3	20.5	7.5809 d
			1.5054	529704.3	183650.9	20.5	7.5349 d
			2.0072	529704.6	183650.4	20.5	7.4891 d
			2.509	529704.9	183650	20.5	7.4428 d
			3.0109	529705.2	183649.6	20.5	7.3957 d
			3.5127	529705.4	183649.2	20.5	7.3473 d
			4.0145	529705.7	183648.8	20.5	7.2971 d
			4.5163	529706	183648.3	20.5	7.2447 d
			5.0181	529706.3	183647.9	20.5	7.1896 d
			5.5199	529706.5	183647.5	20.5	7.1314 d
			6.0217	529706.8	183647.1	20.5	7.0697 d
			6.5235	529707.1	183646.6	20.5	7.004 d
			7.0253	529707.3	183646.2	20.5	6.185 d
			7.5271	529707.6	183645.8	20.5	6.1244 d
			8.029	529707.9	183645.4	20.5	6.0633 d
			8.5308	529708.2	183645	20.5	1.7318 d
			9.0326	529708.4	183644.5	20.5	1.729 d
			9.5344	529708.7	183644.1	20.5	1.7257 d
			10.036	529709	183643.7	20.5	1.7218 d
			10.538	529709.2	183643.3	20.5	1.7175 d
			11.04	529709.5	183642.9	20.5	1.7127 d
			11.542	529709.8	183642.4	20.5	1.7075 d
			12.043	529710.1	183642	20.5	1.7018 d
			12.545	529710.3	183641.6	20.5	1.6957 d
			13.047	529710.6	183641.2	20.5	1.6892 d
			13.549	529710.9	183640.7	20.5	1.6824 d
			14.051	529711.2	183640.3	20.5	1.6751 d
			14.552	529711.4	183639.9	20.5	1.6675 d
			15.054	529711.7	183639.5	20.5	1.6596 d
			15.556	529712	183639.1	20.5	1.6513 d
			16.058	529712.2	183638.6	20.5	1.6427 d
			16.56	529712.5	183638.2	20.5	1.6338 d
			17.062	529712.8	183637.8	20.5	1.6246 d
			17.563	529713.1	183637.4	20.5	1.6152 d
			18.065	529713.3	183637	20.5	1.6055 d
			18.567	529713.6	183636.5	20.5	1.5956 d
			19.069	529713.9	183636.1	20.5	1.5854 d
			19.571	529714.1	183635.7	20.5	1.5751 d
			20.072	529714.4	183635.3	20.5	1.5645 d
			20.574	529714.7	183634.8	20.5	1.5537 d
			21.076	529715	183634.4	20.5	1.5428 d
			21.578	529715.2	183634	20.5	1.5317 d
			22.08	529715.5	183633.6	20.5	1.5204 d
			22.581	529715.8	183633.2	20.5	1.509 d
			23.083	529716.1	183632.7	20.5	1.4975 d
			23.585	529716.3	183632.3	20.5	1.4858 d
			24.087	529716.6	183631.9	20.5	1.4741 d
			24.589	529716.9	183631.5	20.5	1.4622 d
			25.09	529717.1	183631.1	20.5	1.4502 d
			25.592	529717.4	183630.6	20.5	1.4382 d
			26.094	529717.7	183630.2	20.5	1.4261 d
			26.596	529718	183629.8	20.5	1.4139 d
			27.098	529718.2	183629.4	20.5	1.4017 d
			27.6	529718.5	183628.9	20.5	1.3894 d
			28.101	529718.8	183628.5	20.5	1.3771 d
			28.603	529719.1	183628.1	20.5	1.3647 d
			29.105	529719.3	183627.7	20.5	1.3523 d
			29.607	529719.6	183627.3	20.5	1.3399 d
			30.109	529719.9	183626.8	20.5	1.3275 d
			30.61	529720.1	183626.4	20.5	2.6302 d
42	42 Shallow	0	0	529708.1	183618.3	20.5	2.3713 d
			0.50046	529708.5	183618.6	20.5	1.2047 d
			1.0009	529708.9	183618.9	20.5	1.2229 d
			1.5014	529709.3	183619.2	20.5	1.2403 d
			2.0018	529709.7	183619.5	20.5	1.2565 d
			2.5023	529710.2	183619.7	20.5	1.2717 d
			3.0027	529710.6	183620	20.5	1.2857 d
			3.5032	529711	183620.3	20.5	1.2984 d
			4.0036	529711.4	183620.6	20.5	1.31 d
			4.5041	529711.8	183620.8	20.5	1.3203 d
			5.0046	529712.2	183621.1	20.5	1.3294 d
			5.505	529712.7	183621.4	20.5	1.3373 d
			6.0055	529713.1	183621.7	20.5	1.3439 d
			6.5059	529713.5	183622	20.5	1.3495 d
			7.0064	529713.9	183622.2	20.5	1.3539 d
			7.5068	529714.3	183622.5	20.5	1.3572 d
			8.0073	529714.7	183622.8	20.5	1.3595 d

			8.5077	529715.2	183623.1	20.5	1.3608 d
			9.0082	529715.6	183623.4	20.5	1.3612 d
			9.5087	529716	183623.6	20.5	1.3606 d
			10.009	529716.4	183623.9	20.5	1.3592 d
			10.51	529716.8	183624.2	20.5	1.357 d
			11.01	529717.2	183624.5	20.5	1.354 d
			11.51	529717.6	183624.7	20.5	1.3503 d
			12.011	529718.1	183625	20.5	1.3459 d
			12.511	529718.5	183625.3	20.5	1.3409 d
			13.012	529718.9	183625.6	20.5	1.3352 d
			13.512	529719.3	183625.9	20.5	1.329 d
			14.013	529719.7	183626.1	20.5	1.3223 d
			14.513	529720.1	183626.4	20.5	2.6302 d
43	43 Shallow	0	0	529712.2	183657.7	20.85	6.3333 d
			0.50878	529712.6	183657.9	20.85	4.5461 d
			1.0176	529713	183658.2	20.85	4.4195 d
			1.5263	529713.5	183658.5	20.85	4.2924 d
			2.0351	529713.9	183658.7	20.85	4.1647 d
			2.5439	529714.3	183659	20.85	4.0366 d
			3.0527	529714.8	183659.3	20.85	3.908 d
			3.5615	529715.2	183659.6	20.85	3.779 d
			4.0702	529715.6	183659.8	20.85	3.6497 d
			4.579	529716	183660.1	20.85	3.5201 d
			5.0878	529716.5	183660.4	20.85	3.3903 d
			5.5966	529716.9	183660.7	20.85	3.2603 d
			6.1053	529717.3	183660.9	20.85	4.5996 d
44	44 Shallow	0	0	529712.2	183657.7	20.85	6.3333 d
			0.50343	529712.5	183657.2	20.85	4.6033 d
			1.0069	529712.8	183656.8	20.85	4.5343 d
			1.5103	529713.1	183656.4	20.85	4.4648 d
			2.0137	529713.3	183656	20.85	4.395 d
			2.5172	529713.6	183655.6	20.85	4.3248 d
			3.0206	529713.9	183655.2	20.85	4.2543 d
			3.524	529714.2	183654.8	20.85	4.1834 d
			4.0275	529714.5	183654.4	20.85	4.1122 d
			4.5309	529714.8	183654	20.85	4.0407 d
			5.0343	529715.1	183653.6	20.85	5.5736 d
45	45 Shallow	0	0	529712.5	183652	20.85	6.4098 d
			0.49859	529713	183652.3	20.85	4.5993 d
			0.99717	529713.4	183652.5	20.85	4.4744 d
			1.4958	529713.8	183652.8	20.85	4.3489 d
			1.9943	529714.2	183653.1	20.85	4.2227 d
			2.4929	529714.7	183653.3	20.85	4.0961 d
			2.9915	529715.1	183653.6	20.85	5.5736 d
46	46 Shallow	0	0	529712.5	183652	20.85	6.4098 d
			0.49001	529712.8	183651.6	20.85	4.6511 d
			0.98002	529713.1	183651.3	20.85	4.5784 d
			1.47	529713.4	183650.9	20.85	4.5053 d
			1.96	529713.7	183650.5	20.85	4.4319 d
			2.4501	529714	183650.1	20.85	4.3582 d
			2.9401	529714.3	183649.7	20.85	4.2841 d
			3.4301	529714.6	183649.3	20.85	4.2098 d
			3.9201	529714.9	183648.9	20.85	4.1352 d
			4.4101	529715.2	183648.5	20.85	4.0603 d
			4.9001	529715.5	183648.1	20.85	3.9851 d
			5.3901	529715.8	183647.7	20.85	3.9097 d
			5.8801	529716.1	183647.4	20.85	3.8341 d
			6.3701	529716.4	183647	20.85	3.7582 d
			6.8602	529716.7	183646.6	20.85	3.6822 d
			7.3502	529717	183646.2	20.85	5.1651 d
47	47 Shallow	0	0	529711.8	183642.8	20.85	3.3738 d
			0.51408	529712.3	183643.1	20.85	1.681 d
			1.0282	529712.7	183643.4	20.85	1.674 d
			1.5422	529713.1	183643.6	20.85	1.666 d
			2.0563	529713.5	183643.9	20.85	1.657 d
			2.5704	529714	183644.2	20.85	1.6472 d
			3.0845	529714.4	183644.5	20.85	1.6366 d
			3.5985	529714.8	183644.8	20.85	1.6252 d
			4.1126	529715.3	183645.1	20.85	1.6132 d
			4.6267	529715.7	183645.3	20.85	1.6005 d
			5.1408	529716.1	183645.6	20.85	1.5872 d
			5.6548	529716.6	183645.9	20.85	1.5734 d
			6.1689	529717	183646.2	20.85	5.1651 d
48	48 Shallow	0	0	529711.8	183642.8	20.85	3.3738 d
			0.49738	529712.1	183642.4	20.85	1.6792 d
			0.99476	529712.4	183642	20.85	1.6711 d
			1.4921	529712.7	183641.6	20.85	1.6628 d
			1.9895	529712.9	183641.1	20.85	1.6541 d
			2.4869	529713.2	183640.7	20.85	1.6451 d
			2.9843	529713.5	183640.3	20.85	1.6359 d
			3.4817	529713.8	183639.9	20.85	1.6264 d
			3.979	529714	183639.5	20.85	1.6166 d
			4.4764	529714.3	183639.1	20.85	1.6066 d
			4.9738	529714.6	183638.7	20.85	1.5964 d
			5.4712	529714.9	183638.2	20.85	1.586 d
			5.9686	529715.1	183637.8	20.85	1.5753 d
			6.4659	529715.4	183637.4	20.85	1.5645 d
			6.9633	529715.7	183637	20.85	1.5535 d
			7.4607	529716	183636.6	20.85	1.5424 d
			7.9581	529716.2	183636.2	20.85	1.5311 d
			8.4554	529716.5	183635.8	20.85	1.5196 d
			8.9528	529716.8	183635.3	20.85	1.508 d
			9.4502	529717.1	183634.9	20.85	1.4964 d
			9.9476	529717.3	183634.5	20.85	1.4846 d
			10.445	529717.6	183634.1	20.85	1.4727 d
			10.942	529717.9	183633.7	20.85	1.4607 d
			11.44	529718.2	183633.3	20.85	1.4486 d
			11.937	529718.4	183632.9	20.85	1.4364 d
			12.434	529718.7	183632.4	20.85	1.4242 d
			12.932	529719	183632	20.85	1.412 d
			13.429	529719.3	183631.6	20.85	1.3996 d
			13.927	529719.5	183631.2	20.85	1.3873 d
			14.424	529719.8	183630.8	20.85	1.3749 d
			14.921	529720.1	183630.4	20.85	1.3625 d
			15.419	529720.4	183630	20.85	1.35 d
			15.916	529720.6	183629.5	20.85	1.3376 d
			16.414	529720.9	183629.1	20.85	1.3251 d
			16.911	529721.2	183628.7	20.85	1.3127 d
			17.408	529721.5	183628.3	20.85	1.3002 d
			17.906	529721.7	183627.9	20.85	1.2878 d
			18.403	529722	183627.5	20.85	2.5507 d
49	49 Shallow	0	0	529722	183627.5	20.85	2.5507 d
			0.50361	529722.4	183627.7	20.85	1.2658 d
			1.0072	529722.9	183628	20.85	1.256 d
			1.5108	529723.3	183628.3	20.85	1.2459 d
			2.0144	529723.7	183628.6	20.85	1.2356 d
			2.5181	529724.1	183628.8	20.85	1.2251 d
			3.0217	529724.6	183629.1	20.85	1.2144 d
			3.5253	529725	183629.4	20.85	1.2036 d
			4.0289	529725.4	183629.6	20.85	1.1925 d
			4.5325	529725.8	183629.9	20.85	1.1814 d
			5.0361	529726.3	183630.2	20.85	1.1701 d

				5.5397	529726.7	183630.5	20.85	1.1588 d
				6.0433	529727.1	183630.7	20.85	1.1473 d
				6.547	529727.5	183631	20.85	1.1358 d
				7.0506	529727.9	183631.3	20.85	1.1243 d
				7.5542	529728.4	183631.6	20.85	1.1127 d
				8.0578	529728.8	183631.8	20.85	1.1011 d
				8.5614	529729.2	183632.1	20.85	1.0894 d
				9.065	529729.6	183632.4	20.85	1.0778 d
				9.5686	529730.1	183632.6	20.85	1.0661 d
				10.072	529730.5	183632.9	20.85	1.0545 d
				10.576	529730.9	183633.2	20.85	1.0429 d
				11.079	529731.3	183633.5	20.85	1.0313 d
				11.583	529731.8	183633.7	20.85	1.0198 d
				12.087	529732.2	183634	20.85	1.0083 d
				12.59	529732.6	183634.3	20.85	0.99687 d
				13.094	529733	183634.5	20.85	0.98549 d
				13.598	529733.5	183634.8	20.85	0.97417 d
				14.101	529733.9	183635.1	20.85	0.96291 d
				14.605	529734.3	183635.4	20.85	0.95173 d
				15.108	529734.7	183635.6	20.85	0.94062 d
				15.612	529735.1	183635.9	20.85	0.92959 d
				16.116	529735.6	183636.2	20.85	0.91864 d
				16.619	529736	183636.5	20.85	0.90778 d
				17.123	529736.4	183636.7	20.85	0.89701 d
				17.626	529736.8	183637	20.85	0.88633 d
				18.13	529737.3	183637.3	20.85	0.87574 d
				18.634	529737.7	183637.5	20.85	0.86525 d
				19.137	529738.1	183637.8	20.85	0.85485 d
				19.641	529738.5	183638.1	20.85	0.84456 d
				20.144	529739	183638.4	20.85	0.83436 d
				20.648	529739.4	183638.6	20.85	0.82427 d
				21.152	529739.8	183638.9	20.85	0.81428 d
				21.655	529740.2	183639.2	20.85	0.8044 d
				22.159	529740.7	183639.4	20.85	0.79462 d
				22.663	529741.1	183639.7	20.85	0.78494 d
				23.166	529741.5	183640	20.85	0.77537 d
				23.67	529741.9	183640.3	20.85	0.76591 d
				24.173	529742.3	183640.5	20.85	0.75655 d
				24.677	529742.8	183640.8	20.85	0.7473 d
				25.181	529743.2	183641.1	20.85	0.73816 d
				25.684	529743.6	183641.4	20.85	0.72912 d
				26.188	529744	183641.6	20.85	0.72019 d
				26.691	529744.5	183641.9	20.85	0.71136 d
				27.195	529744.9	183642.2	20.85	0.70265 d
				27.699	529745.3	183642.4	20.85	1.3881 d
50	50	Shallow	0	0	529745.3	183642.4	20.85	1.3881 d
				0.49949	529745.1	183642.9	20.85	0.69932 d
				0.99899	529744.8	183643.3	20.85	0.70462 d
				1.4985	529744.5	183643.7	20.85	0.70993 d
				1.998	529744.3	183644.1	20.85	0.71524 d
				2.4975	529744	183644.6	20.85	0.72057 d
				2.997	529743.8	183645	20.85	0.7259 d
				3.4965	529743.5	183645.4	20.85	0.73123 d
				3.9959	529743.2	183645.9	20.85	0.73658 d
				4.4954	529743	183646.3	20.85	0.74192 d
				4.9949	529742.7	183646.7	20.85	0.74727 d
				5.4944	529742.4	183647.1	20.85	0.75262 d
				5.9939	529742.2	183647.6	20.85	0.75797 d
				6.4934	529741.9	183648	20.85	0.76332 d
				6.9929	529741.7	183648.4	20.85	0.76867 d
				7.4924	529741.4	183648.8	20.85	0.77402 d
				7.9919	529741.1	183649.3	20.85	0.77936 d
				8.4914	529740.9	183649.7	20.85	0.7847 d
				8.9909	529740.6	183650.1	20.85	0.79003 d
				9.4904	529740.4	183650.5	20.85	0.79535 d
				9.9899	529740.1	183651	20.85	0.80066 d
				10.489	529739.8	183651.4	20.85	0.80597 d
				10.989	529739.6	183651.8	20.85	0.81126 d
				11.488	529739.3	183652.2	20.85	0.81654 d
				11.988	529739.1	183652.7	20.85	0.8218 d
				12.487	529738.8	183653.1	20.85	0.82705 d
				12.987	529738.5	183653.5	20.85	0.83228 d
				13.486	529738.3	183653.9	20.85	0.8375 d
				13.986	529738	183654.4	20.85	0.84269 d
				14.485	529737.8	183654.8	20.85	0.84786 d
				14.985	529737.5	183655.2	20.85	0.85301 d
				15.484	529737.2	183655.7	20.85	0.85813 d
				15.984	529737	183656.1	20.85	0.86323 d
				16.483	529736.7	183656.5	20.85	0.8683 d
				16.983	529736.5	183656.9	20.85	0.87334 d
				17.482	529736.2	183657.4	20.85	0.87834 d
				17.982	529735.9	183657.8	20.85	0.88332 d
				18.481	529735.7	183658.2	20.85	0.88826 d
				18.981	529735.4	183658.6	20.85	0.89317 d
				19.48	529735.1	183659.1	20.85	0.89803 d
				19.98	529734.9	183659.5	20.85	0.90286 d
				20.479	529734.6	183659.9	20.85	0.90765 d
				20.979	529734.4	183660.3	20.85	0.91239 d
				21.478	529734.1	183660.8	20.85	0.91709 d
				21.978	529733.8	183661.2	20.85	0.92175 d
				22.477	529733.6	183661.6	20.85	0.92635 d
				22.977	529733.3	183662	20.85	0.93091 d
				23.476	529733.1	183662.5	20.85	0.93541 d
				23.976	529732.8	183662.9	20.85	0.93986 d
				24.475	529732.5	183663.3	20.85	0.94426 d
				24.975	529732.3	183663.7	20.85	0.9486 d
				25.474	529732	183664.2	20.85	0.95288 d
				25.974	529731.8	183664.6	20.85	0.9571 d
				26.473	529731.5	183665	20.85	1.9225 d
51	51	Shallow	0	0	529720.1	183656.9	20.85	3.8689 d
				0.50023	529720.5	183657.2	20.85	2.3379 d
				1.0005	529720.9	183657.5	20.85	2.2133 d
				1.5007	529721.3	183657.8	20.85	2.0886 d
				2.0009	529721.7	183658.1	20.85	1.964 d
				2.5011	529722.1	183658.4	20.85	1.8394 d
				3.0014	529722.5	183658.7	20.85	1.7149 d
				3.5016	529722.9	183658.9	20.85	1.5905 d
				4.0018	529723.3	183659.2	20.85	1.4661 d
				4.502	529723.8	183659.5	20.85	1.3419 d
				5.0023	529724.2	183659.8	20.85	1.2361 d
				5.5025	529724.6	183660.1	20.85	1.2196 d
				6.0027	529725	183660.4	20.85	1.2031 d
				6.503	529725.4	183660.7	20.85	1.1868 d
				7.0032	529725.8	183661	20.85	1.1706 d
				7.5034	529726.2	183661.3	20.85	1.1546 d
				8.0036	529726.6	183661.5	20.85	1.1387 d
				8.5039	529727	183661.8	20.85	1.1229 d
				9.0041	529727.4	183662.1	20.85	1.1074 d
				9.5043	529727.8	183662.4	20.85	1.092 d
				10.005	529728.2	183662.7	20.85	1.0767 d
				10.505	529728.6	183663	20.85	1.0617 d
				11.005	529729.1	183663.3	20.85	1.0468 d

			11.505	529729.5	183663.6	20.85	1.0321 d
			12.005	529729.9	183663.9	20.85	1.0175 d
			12.506	529730.3	183664.2	20.85	1.0032 d
			13.006	529730.7	183664.4	20.85	0.98904 d
			13.506	529731.1	183664.7	20.85	0.97505 d
			14.006	529731.5	183665	20.85	1.9225 d
52	52 Shallow	0	0	529717.3	183660.9	20.85	4.5996 d
			0.48717	529717.6	183660.5	20.85	3.0641 d
			0.97435	529717.9	183660.1	20.85	2.998 d
			1.4615	529718.2	183659.7	20.85	2.9317 d
			1.9487	529718.4	183659.3	20.85	2.8652 d
			2.4359	529718.7	183658.9	20.85	2.7985 d
			2.923	529719	183658.5	20.85	2.7316 d
			3.4102	529719.3	183658.1	20.85	2.6646 d
			3.8974	529719.5	183657.7	20.85	2.5974 d
			4.3846	529719.8	183657.3	20.85	2.53 d
			4.8717	529720.1	183656.9	20.85	3.8689 d
53	53 Shallow	0	0	529678.9	183692	20.85	19.144 d
			0.49934	529679.3	183692.2	20.85	16.15 d
			0.99867	529679.7	183692.5	20.85	15.123 d
			1.498	529680.1	183692.8	20.85	14.197 d
			1.9973	529680.5	183693.1	20.85	13.355 d
			2.4967	529681	183693.3	20.85	12.588 d
			2.996	529681.4	183693.6	20.85	11.89 d
			3.4954	529681.8	183693.9	20.85	11.254 d
			3.9947	529682.2	183694.2	20.85	10.678 d
			4.494	529682.6	183694.5	20.85	10.159 d
			4.9934	529683	183694.7	20.85	9.6934 d
			5.4927	529683.5	183695	20.85	9.2785 d
			5.992	529683.9	183695.3	20.85	8.9114 d
			6.4914	529684.3	183695.6	20.85	8.5888 d
			6.9907	529684.7	183695.8	20.85	8.3072 d
			7.49	529685.1	183696.1	20.85	8.0628 d
			7.9894	529685.5	183696.4	20.85	7.8519 d
			8.4887	529685.9	183696.7	20.85	7.6701 d
			8.988	529686.4	183696.9	20.85	7.5133 d
			9.4874	529686.8	183697.2	20.85	7.377 d
			9.9867	529687.2	183697.5	20.85	7.2566 d
			10.486	529687.6	183697.8	20.85	7.1474 d
			10.985	529688	183698.1	20.85	7.0449 d
			11.485	529688.4	183698.3	20.85	6.9445 d
			11.984	529688.8	183698.6	20.85	6.8417 d
			12.483	529689.3	183698.9	20.85	6.7322 d
			12.983	529689.7	183699.2	20.85	6.6118 d
			13.482	529690.1	183699.4	20.85	6.4767 d
			13.981	529690.5	183699.7	20.85	5.5962 d
			14.481	529690.9	183700	20.85	5.4704 d
			14.98	529691.3	183700.3	20.85	5.3435 d
			15.479	529691.8	183700.6	20.85	5.2155 d
			15.979	529692.2	183700.8	20.85	5.0865 d
			16.478	529692.6	183701.1	20.85	4.9565 d
			16.977	529693	183701.4	20.85	4.8258 d
			17.477	529693.4	183701.7	20.85	4.6942 d
			17.976	529693.8	183701.9	20.85	4.5619 d
			18.475	529694.2	183702.2	20.85	4.429 d
			18.975	529694.7	183702.5	20.85	4.2954 d
			19.474	529695.1	183702.8	20.85	4.1614 d
			19.973	529695.5	183703.1	20.85	4.0268 d
			20.473	529695.9	183703.3	20.85	3.8918 d
			20.972	529696.3	183703.6	20.85	3.7564 d
			21.471	529696.7	183703.9	20.85	3.6206 d
			21.971	529697.2	183704.2	20.85	3.4845 d
			22.47	529697.6	183704.4	20.85	3.3482 d
			22.969	529698	183704.7	20.85	3.2116 d
			23.469	529698.4	183705	20.85	3.0749 d
			23.968	529698.8	183705.3	20.85	2.9379 d
			24.467	529699.2	183705.5	20.85	2.8008 d
			24.967	529699.6	183705.8	20.85	2.6637 d
			25.466	529700.1	183706.1	20.85	2.5264 d
			25.965	529700.5	183706.4	20.85	2.389 d
			26.465	529700.9	183706.7	20.85	2.2517 d
			26.964	529701.3	183706.9	20.85	2.1143 d
			27.463	529701.7	183707.2	20.85	1.9768 d
			27.963	529702.1	183707.5	20.85	1.8394 d
			28.462	529702.6	183707.8	20.85	1.7021 d
			28.961	529703	183708	20.85	1.5647 d
			29.461	529703.4	183708.3	20.85	1.4274 d
			29.96	529703.8	183708.6	20.85	1.2902 d
			30.459	529704.2	183708.9	20.85	1.1531 d
			30.959	529704.6	183709.2	20.85	1.016 d
			31.458	529705	183709.4	20.85	1.7745 d
54	54 Shallow	0	0	529678.9	183692	20.85	19.144 d
			0.50324	529679.1	183691.5	20.85	17.077 d
			1.0065	529679.4	183691.1	20.85	16.865 d
			1.5097	529679.6	183690.6	20.85	16.678 d
			2.013	529679.9	183690.2	20.85	16.514 d
			2.5162	529680.1	183689.8	20.85	16.374 d
			3.0195	529680.3	183689.3	20.85	16.262 d
			3.5227	529680.6	183688.9	20.85	16.178 d
			4.0259	529680.8	183688.4	20.85	16.129 d
			4.5292	529681.1	183688	20.85	16.117 d
			5.0324	529681.3	183687.6	20.85	16.148 d
			5.5357	529681.6	183687.1	20.85	16.228 d
			6.0389	529681.8	183686.7	20.85	16.365 d
			6.5422	529682.1	183686.2	20.85	16.569 d
			7.0454	529682.3	183685.8	20.85	16.859 d
			7.5486	529682.5	183685.4	20.85	17.262 d
			8.0519	529682.8	183684.9	20.85	18.914 d
55	55 Shallow	0	0	529682.8	183684.9	20.85	18.914 d
			0.49168	529683.2	183685.2	20.85	17.046 d
			0.98337	529683.6	183685.4	20.85	16.258 d
			1.4751	529684	183685.7	20.85	15.479 d
			1.9667	529684.4	183686	20.85	14.715 d
			2.4584	529684.8	183686.3	20.85	13.975 d
			2.9501	529685.3	183686.5	20.85	13.264 d
			3.4418	529685.7	183686.8	20.85	12.588 d
			3.9335	529686.1	183687.1	20.85	11.949 d
			4.4252	529686.5	183687.3	20.85	11.352 d
			4.9168	529686.9	183687.6	20.85	10.799 d
			5.4085	529687.3	183687.9	20.85	10.291 d
			5.9002	529687.7	183688.1	20.85	9.8277 d
			6.3919	529688.1	183688.4	20.85	9.4101 d
			6.8836	529688.6	183688.7	20.85	9.0369 d
			7.3753	529689	183688.9	20.85	8.7064 d
			7.8669	529689.4	183689.2	20.85	8.4162 d
			8.3586	529689.8	183689.5	20.85	8.1633 d
			8.8503	529690.2	183689.7	20.85	9.2301 d
56	56 Shallow	0	0	529690.2	183689.7	20.85	9.2301 d
			0.49694	529690.5	183689.3	20.85	7.9817 d
			0.99388	529690.8	183688.9	20.85	8.0227 d
			1.4908	529691	183688.5	20.85	8.0666 d
			1.9878	529691.3	183688.1	20.85	8.1125 d

				2.4847	529691.6	183687.7	20.85	8.1593 d
				2.9816	529691.9	183687.3	20.85	8.2051 d
				3.4786	529692.2	183686.9	20.85	8.2479 d
				3.9755	529692.4	183686.4	20.85	8.2855 d
				4.4724	529692.7	183686	20.85	8.3159 d
				4.9694	529693	183685.6	20.85	8.3377 d
				5.4663	529693.3	183685.2	20.85	8.3506 d
				5.9633	529693.5	183684.8	20.85	8.3549 d
				6.4602	529693.8	183684.4	20.85	8.3518 d
				6.9571	529694.1	183684	20.85	8.3428 d
				7.4541	529694.4	183683.6	20.85	8.3291 d
				7.951	529694.7	183683.1	20.85	8.3121 d
				8.448	529694.9	183682.7	20.85	8.2931 d
				8.9449	529695.2	183682.3	20.85	8.2729 d
				9.4418	529695.5	183681.9	20.85	8.2524 d
				9.9388	529695.8	183681.5	20.85	8.2323 d
				10.436	529696	183681.1	20.85	8.213 d
				10.933	529696.3	183680.7	20.85	8.1949 d
				11.43	529696.6	183680.3	20.85	8.1783 d
				11.927	529696.9	183679.9	20.85	8.1634 d
				12.423	529697.2	183679.4	20.85	8.1503 d
				12.92	529697.4	183679	20.85	8.1391 d
				13.417	529697.7	183678.6	20.85	8.1283 d
				13.914	529698	183678.2	20.85	8.112 d
				14.411	529698.3	183677.8	20.85	8.0897 d
				14.908	529698.6	183677.4	20.85	8.0615 d
				15.405	529698.8	183677	20.85	8.028 d
				15.902	529699.1	183676.6	20.85	7.9896 d
				16.399	529699.4	183676.1	20.85	7.947 d
				16.896	529699.7	183675.7	20.85	7.901 d
				17.393	529699.9	183675.3	20.85	7.8521 d
				17.89	529700.2	183674.9	20.85	7.8012 d
				18.387	529700.5	183674.5	20.85	7.7488 d
				18.884	529700.8	183674.1	20.85	7.6956 d
				19.381	529701.1	183673.7	20.85	7.6421 d
				19.878	529701.3	183673.3	20.85	7.5887 d
				20.374	529701.6	183672.9	20.85	7.5359 d
				20.871	529701.9	183672.4	20.85	7.4859 d
				21.368	529702.2	183672	20.85	7.4386 d
				21.865	529702.5	183671.6	20.85	7.3934 d
				22.362	529702.7	183671.2	20.85	7.3495 d
				22.859	529703	183670.8	20.85	7.3063 d
				23.356	529703.3	183670.4	20.85	7.2633 d
				23.853	529703.6	183670	20.85	7.2199 d
				24.35	529703.8	183669.6	20.85	7.1755 d
				24.847	529704.1	183669.1	20.85	8.7109 d
57	57	Shallow	0	0	529697.1	183664.7	20.85	11.598 d
				0.49054	529697.5	183665	20.85	9.787 d
				0.98108	529697.9	183665.2	20.85	9.4383 d
				1.4716	529698.3	183665.5	20.85	9.1285 d
				1.9622	529698.7	183665.7	20.85	8.8544 d
				2.4527	529699.1	183666	20.85	8.613 d
				2.9432	529699.6	183666.3	20.85	8.4011 d
				3.4338	529700	183666.5	20.85	8.2158 d
				3.9243	529700.4	183666.8	20.85	8.0539 d
				4.4149	529700.8	183667.1	20.85	7.9122 d
				4.9054	529701.2	183667.3	20.85	7.7877 d
				5.3959	529701.6	183667.6	20.85	7.6771 d
				5.8865	529702	183667.8	20.85	7.5773 d
				6.377	529702.5	183668.1	20.85	7.485 d
				6.8676	529702.9	183668.4	20.85	7.3971 d
				7.3581	529703.3	183668.6	20.85	7.3106 d
				7.8487	529703.7	183668.9	20.85	7.2224 d
				8.3392	529704.1	183669.1	20.85	8.7109 d
58	58	Shallow	0	0	529697.1	183664.7	20.85	11.598 d
				0.48741	529697.3	183664.3	20.85	9.9762 d
				0.97482	529697.6	183663.9	20.85	9.7857 d
				1.4622	529697.9	183663.5	20.85	9.6059 d
				1.9496	529698.1	183663.1	20.85	9.4366 d
				2.4371	529698.4	183662.6	20.85	9.2773 d
				2.9245	529698.7	183662.2	20.85	9.1279 d
				3.4119	529698.9	183661.8	20.85	8.988 d
				3.8993	529699.2	183661.4	20.85	8.8571 d
				4.3867	529699.4	183661	20.85	8.7349 d
				4.8741	529699.7	183660.6	20.85	8.6211 d
				5.3615	529700	183660.2	20.85	8.5151 d
				5.8489	529700.2	183659.8	20.85	8.4165 d
				6.3364	529700.5	183659.4	20.85	8.325 d
				6.8238	529700.8	183659	20.85	8.24 d
				7.3112	529701	183658.5	20.85	8.1611 d
				7.7986	529701.3	183658.1	20.85	8.0878 d
				8.286	529701.6	183657.7	20.85	8.0196 d
				8.7734	529701.8	183657.3	20.85	7.9562 d
				9.2608	529702.1	183656.9	20.85	9.5311 d
59	59	Shallow	0	0	529702.1	183656.9	20.85	9.5311 d
				0.50257	529702.5	183657.2	20.85	7.7855 d
				1.0051	529702.9	183657.5	20.85	7.6852 d
				1.5077	529703.3	183657.7	20.85	7.5927 d
				2.0103	529703.8	183658	20.85	7.5048 d
				2.5129	529704.2	183658.3	20.85	7.418 d
				3.0154	529704.6	183658.6	20.85	7.3293 d
				3.518	529705	183658.8	20.85	7.2355 d
				4.0206	529705.4	183659.1	20.85	7.1336 d
				4.5232	529705.9	183659.4	20.85	7.021 d
				5.0257	529706.3	183659.7	20.85	6.1478 d
				5.5283	529706.7	183659.9	20.85	6.0371 d
				6.0309	529707.1	183660.2	20.85	5.9249 d
				6.5335	529707.5	183660.5	20.85	5.8113 d
				7.036	529708	183660.8	20.85	5.6965 d
				7.5386	529708.4	183661	20.85	5.5804 d
				8.0412	529708.8	183661.3	20.85	5.4632 d
				8.5437	529709.2	183661.6	20.85	5.3448 d
				9.0463	529709.7	183661.9	20.85	5.2255 d
				9.5489	529710.1	183662.1	20.85	5.1052 d
				10.051	529710.5	183662.4	20.85	4.984 d
				10.554	529710.9	183662.7	20.85	4.8619 d
				11.057	529711.3	183663	20.85	4.7391 d
				11.559	529711.8	183663.2	20.85	4.6156 d
				12.062	529712.2	183663.5	20.85	4.4915 d
				12.564	529712.6	183663.8	20.85	4.3668 d
				13.067	529713	183664.1	20.85	4.2416 d
				13.569	529713.4	183664.3	20.85	4.1159 d
				14.072	529713.9	183664.6	20.85	3.9897 d
				14.575	529714.3	183664.9	20.85	3.8633 d
				15.077	529714.7	183665.2	20.85	3.7365 d
				15.58	529715.1	183665.4	20.85	3.6094 d
				16.082	529715.5	183665.7	20.85	3.482 d
				16.585	529716	183666	20.85	3.3545 d
				17.087	529716.4	183666.3	20.85	3.2268 d
				17.59	529716.8	183666.5	20.85	3.099 d
				18.093	529717.2	183666.8	20.85	2.971 d
				18.595	529717.6	183667.1	20.85	2.843 d

				19.098	529718.1	183667.4	20.85	2.715 d
				19.6	529718.5	183667.6	20.85	2.5869 d
				20.103	529718.9	183667.9	20.85	2.4588 d
				20.606	529719.3	183668.2	20.85	2.3308 d
				21.108	529719.7	183668.5	20.85	2.2028 d
				21.611	529720.2	183668.7	20.85	2.0748 d
				22.113	529720.6	183669	20.85	1.9469 d
				22.616	529721	183669.3	20.85	1.8191 d
				23.118	529721.4	183669.6	20.85	1.6914 d
				23.621	529721.8	183669.8	20.85	1.5639 d
				24.124	529722.3	183670.1	20.85	1.4364 d
				24.626	529722.7	183670.4	20.85	1.3091 d
				25.129	529723.1	183670.7	20.85	1.182 d
				25.631	529723.5	183670.9	20.85	1.1425 d
				26.134	529724	183671.2	20.85	1.126 d
				26.636	529724.4	183671.5	20.85	1.1097 d
				27.139	529724.8	183671.8	20.85	1.0936 d
				27.642	529725.2	183672	20.85	1.0777 d
				28.144	529725.6	183672.3	20.85	1.0619 d
				28.647	529726.1	183672.6	20.85	1.0464 d
				29.149	529726.5	183672.9	20.85	1.031 d
				29.652	529726.9	183673.1	20.85	1.0159 d
				30.154	529727.3	183673.4	20.85	2.0018 d
60	60	Shallow	0	0	529705	183709.4	20.85	1.7745 d
				0.49823	529705.3	183709	20.85	0.89185 d
				0.99646	529705.6	183708.6	20.85	0.89839 d
				1.4947	529705.8	183708.2	20.85	0.90798 d
				1.9929	529706.1	183707.7	20.85	0.91751 d
				2.4911	529706.4	183707.3	20.85	0.92698 d
				2.9894	529706.6	183706.9	20.85	0.9364 d
				3.4876	529706.9	183706.5	20.85	0.94575 d
				3.9858	529707.1	183706	20.85	0.95503 d
				4.4841	529707.4	183705.6	20.85	0.96427 d
				4.9823	529707.7	183705.2	20.85	0.97343 d
				5.4805	529707.9	183704.8	20.85	0.98253 d
				5.9787	529708.2	183704.3	20.85	0.99156 d
				6.477	529708.4	183703.9	20.85	1.0005 d
				6.9752	529708.7	183703.5	20.85	1.0094 d
				7.4734	529709	183703.1	20.85	1.0183 d
				7.9717	529709.2	183702.7	20.85	1.027 d
				8.4699	529709.5	183702.2	20.85	1.0357 d
				8.9681	529709.8	183701.8	20.85	1.0444 d
				9.4663	529710	183701.4	20.85	1.0529 d
				9.9646	529710.3	183701	20.85	1.0614 d
				10.463	529710.5	183700.5	20.85	1.0698 d
				10.961	529710.8	183700.1	20.85	1.0782 d
				11.459	529711.1	183699.7	20.85	1.0864 d
				11.957	529711.3	183699.3	20.85	1.0946 d
				12.456	529711.6	183698.8	20.85	1.1028 d
				12.954	529711.9	183698.4	20.85	1.1108 d
				13.452	529712.1	183698	20.85	1.1188 d
				13.95	529712.4	183697.6	20.85	1.1267 d
				14.449	529712.6	183697.1	20.85	1.1345 d
				14.947	529712.9	183696.7	20.85	1.1423 d
				15.445	529713.2	183696.3	20.85	1.1499 d
				15.943	529713.4	183695.9	20.85	1.1575 d
				16.442	529713.7	183695.4	20.85	1.165 d
				16.94	529714	183695	20.85	1.1724 d
				17.438	529714.2	183694.6	20.85	1.1798 d
				17.936	529714.5	183694.2	20.85	1.187 d
				18.434	529714.7	183693.8	20.85	1.1942 d
				18.933	529715	183693.3	20.85	1.2013 d
				19.431	529715.3	183692.9	20.85	1.2083 d
				19.929	529715.5	183692.5	20.85	1.2152 d
				20.427	529715.8	183692.1	20.85	1.2221 d
				20.926	529716	183691.6	20.85	1.2288 d
				21.424	529716.3	183691.2	20.85	1.2352 d
				21.922	529716.6	183690.8	20.85	1.2398 d
				22.42	529716.8	183690.4	20.85	1.2426 d
				22.919	529717.1	183689.9	20.85	1.2435 d
				23.417	529717.4	183689.5	20.85	1.2426 d
				23.915	529717.6	183689.1	20.85	1.2398 d
				24.413	529717.9	183688.7	20.85	1.2351 d
				24.911	529718.1	183688.2	20.85	1.2285 d
				25.41	529718.4	183687.8	20.85	1.2201 d
				25.908	529718.7	183687.4	20.85	1.2098 d
				26.406	529718.9	183687	20.85	1.1976 d
				26.904	529719.2	183686.5	20.85	1.1836 d
				27.403	529719.5	183686.1	20.85	1.1678 d
				27.901	529719.7	183685.7	20.85	1.1501 d
				28.399	529720	183685.3	20.85	1.1306 d
				28.897	529720.2	183684.9	20.85	1.1093 d
				29.395	529720.5	183684.4	20.85	1.0862 d
				29.894	529720.8	183684	20.85	1.0613 d
				30.392	529721	183683.6	20.85	1.036 d
				30.89	529721.3	183683.2	20.85	1.0357 d
				31.388	529721.6	183682.7	20.85	1.0353 d
				31.887	529721.8	183682.3	20.85	1.0348 d
				32.385	529722.1	183681.9	20.85	1.0342 d
				32.883	529722.3	183681.5	20.85	1.0335 d
				33.381	529722.6	183681	20.85	1.0327 d
				33.88	529722.9	183680.6	20.85	1.0318 d
				34.378	529723.1	183680.2	20.85	1.0307 d
				34.876	529723.4	183679.8	20.85	1.0296 d
				35.374	529723.6	183679.3	20.85	1.0284 d
				35.872	529723.9	183678.9	20.85	1.0271 d
				36.371	529724.2	183678.5	20.85	1.0256 d
				36.869	529724.4	183678.1	20.85	1.0241 d
				37.367	529724.7	183677.7	20.85	1.0225 d
				37.865	529725	183677.2	20.85	1.0208 d
				38.364	529725.2	183676.8	20.85	1.0189 d
				38.862	529725.5	183676.4	20.85	1.017 d
				39.36	529725.7	183676	20.85	1.015 d
				39.858	529726	183675.5	20.85	1.0129 d
				40.356	529726.3	183675.1	20.85	1.0107 d
				40.855	529726.5	183674.7	20.85	1.0084 d
				41.353	529726.8	183674.3	20.85	1.006 d
				41.851	529727.1	183673.8	20.85	1.0035 d
				42.349	529727.3	183673.4	20.85	2.0018 d
61	61	On piles	-20.95	0	529737.2	183695.8	1.9	0.35004 d
				0.50203	529737.6	183696.1	1.9	0.1735 d
				1.0041	529738.1	183696.3	1.9	0.17197 d
				1.5061	529738.5	183696.5	1.9	0.17043 d
				2.0081	529738.9	183696.8	1.9	0.16889 d
				2.5101	529739.4	183697	1.9	0.16734 d
				3.0122	529739.8	183697.3	1.9	0.16579 d
				3.5142	529740.3	183697.5	1.9	0.16423 d
				4.0162	529740.7	183697.8	1.9	0.16268 d
				4.5182	529741.1	183698	1.9	0.16113 d
				5.0203	529741.6	183698.3	1.9	0.15958 d
				5.5223	529742	183698.5	1.9	0.15803 d
				6.0243	529742.4	183698.7	1.9	0.15648 d

				6.5263	529742.9	183699	1.9	0.15494 d
				7.0284	529743.3	183699.2	1.9	0.15341 d
				7.5304	529743.8	183699.5	1.9	0.15188 d
				8.0324	529744.2	183699.7	1.9	0.15036 d
				8.5344	529744.6	183700	1.9	0.14885 d
				9.0365	529745.1	183700.2	1.9	0.14735 d
				9.5385	529745.5	183700.5	1.9	0.14585 d
				10.041	529746	183700.7	1.9	0.14437 d
				10.543	529746.4	183700.9	1.9	0.14289 d
				11.045	529746.8	183701.2	1.9	0.14143 d
				11.547	529747.3	183701.4	1.9	0.13997 d
				12.049	529747.7	183701.7	1.9	0.13853 d
				12.551	529748.1	183701.9	1.9	0.1371 d
				13.053	529748.6	183702.2	1.9	0.13567 d
				13.555	529749	183702.4	1.9	0.13427 d
				14.057	529749.5	183702.7	1.9	0.13287 d
				14.559	529749.9	183702.9	1.9	0.13149 d
				15.061	529750.3	183703.2	1.9	0.13011 d
				15.563	529750.8	183703.4	1.9	0.12875 d
				16.065	529751.2	183703.6	1.9	0.12741 d
				16.567	529751.7	183703.9	1.9	0.12608 d
				17.069	529752.1	183704.1	1.9	0.12475 d
				17.571	529752.5	183704.4	1.9	0.12345 d
				18.073	529753	183704.6	1.9	0.12215 d
				18.575	529753.4	183704.9	1.9	0.12087 d
				19.077	529753.8	183705.1	1.9	0.1196 d
62	62	On piles	-20.95	0	529737.2	183695.8	1.9	0.35004 d
				0.50049	529737.5	183695.4	1.9	0.17501 d
				1.001	529737.7	183695	1.9	0.17499 d
				1.5015	529738	183694.5	1.9	0.17496 d
				2.002	529738.3	183694.1	1.9	0.17493 d
				2.5025	529738.5	183693.7	1.9	0.17488 d
				3.003	529738.8	183693.3	1.9	0.17482 d
				3.5035	529739.1	183692.9	1.9	0.17475 d
				4.0039	529739.4	183692.4	1.9	0.17468 d
				4.5044	529739.6	183692	1.9	0.17459 d
				5.0049	529739.9	183691.6	1.9	0.17449 d
				5.5054	529740.2	183691.2	1.9	0.17439 d
				6.0059	529740.5	183690.8	1.9	0.17427 d
				6.5064	529740.7	183690.3	1.9	0.17414 d
				7.0069	529741	183689.9	1.9	0.174 d
				7.5074	529741.3	183689.5	1.9	0.17386 d
				8.0079	529741.5	183689.1	1.9	0.1737 d
				8.5084	529741.8	183688.7	1.9	0.17353 d
				9.0089	529742.1	183688.2	1.9	0.17335 d
				9.5094	529742.4	183687.8	1.9	0.17317 d
				10.01	529742.6	183687.4	1.9	0.17297 d
				10.51	529742.9	183687	1.9	0.17276 d
				11.011	529743.2	183686.6	1.9	0.17254 d
				11.511	529743.4	183686.1	1.9	0.17231 d
				12.012	529743.7	183685.7	1.9	0.17207 d
				12.512	529744	183685.3	1.9	0.17182 d
				13.013	529744.3	183684.9	1.9	0.17156 d
				13.513	529744.5	183684.5	1.9	0.17129 d
				14.014	529744.8	183684	1.9	0.17101 d
				14.514	529745.1	183683.6	1.9	0.17072 d
				15.015	529745.4	183683.2	1.9	0.17041 d
				15.515	529745.6	183682.8	1.9	0.1701 d
				16.016	529745.9	183682.4	1.9	0.16978 d
				16.516	529746.2	183681.9	1.9	0.16945 d
				17.017	529746.4	183681.5	1.9	0.16911 d
				17.517	529746.7	183681.1	1.9	0.16876 d
				18.018	529747	183680.7	1.9	0.1684 d
				18.518	529747.3	183680.3	1.9	0.16803 d
				19.019	529747.5	183679.8	1.9	0.16765 d
				19.519	529747.8	183679.4	1.9	0.16726 d
				20.02	529748.1	183679	1.9	0.16686 d
				20.52	529748.3	183678.6	1.9	0.16645 d
				21.021	529748.6	183678.2	1.9	0.16603 d
				21.521	529748.9	183677.7	1.9	0.1656 d
				22.022	529749.2	183677.3	1.9	0.16517 d
				22.522	529749.4	183676.9	1.9	0.16472 d
				23.023	529749.7	183676.5	1.9	0.16427 d
				23.523	529750	183676.1	1.9	0.16381 d
				24.024	529750.3	183675.6	1.9	0.16334 d
				24.524	529750.5	183675.2	1.9	0.16286 d
				25.025	529750.8	183674.8	1.9	0.16237 d
				25.525	529751.1	183674.4	1.9	0.16187 d
				26.026	529751.3	183674	1.9	0.16137 d
				26.526	529751.6	183673.5	1.9	0.16085 d
				27.027	529751.9	183673.1	1.9	0.16033 d
				27.527	529752.2	183672.7	1.9	0.15981 d
				28.028	529752.4	183672.3	1.9	0.15927 d
				28.528	529752.7	183671.9	1.9	0.15873 d
				29.029	529753	183671.4	1.9	0.15818 d
				29.529	529753.2	183671	1.9	0.15762 d
				30.03	529753.5	183670.6	1.9	0.15706 d
				30.53	529753.8	183670.2	1.9	0.15649 d
				31.031	529754.1	183669.8	1.9	0.15591 d
				31.531	529754.3	183669.3	1.9	0.15532 d
				32.032	529754.6	183668.9	1.9	0.15473 d
				32.532	529754.9	183668.5	1.9	0.15414 d
				33.033	529755.2	183668.1	1.9	0.15353 d
				33.533	529755.4	183667.7	1.9	0.15292 d
				34.034	529755.7	183667.2	1.9	0.15231 d
				34.534	529756	183666.8	1.9	0.15169 d
				35.035	529756.2	183666.4	1.9	0.15106 d
				35.535	529756.5	183666	1.9	0.15043 d
				36.036	529756.8	183665.6	1.9	0.1498 d
				36.536	529757.1	183665.1	1.9	0.14916 d
				37.037	529757.3	183664.7	1.9	0.14851 d
				37.537	529757.6	183664.3	1.9	0.14786 d
				38.038	529757.9	183663.9	1.9	0.1472 d
				38.538	529758.1	183663.5	1.9	0.14655 d
				39.039	529758.4	183663	1.9	0.14588 d
				39.539	529758.7	183662.6	1.9	0.14521 d
				40.039	529759	183662.2	1.9	0.14454 d
				40.54	529759.2	183661.8	1.9	0.14387 d
				41.04	529759.5	183661.4	1.9	0.14319 d
				41.541	529759.8	183660.9	1.9	0.14251 d
				42.041	529760	183660.5	1.9	0.14182 d
				42.542	529760.3	183660.1	1.9	0.14114 d
				43.042	529760.6	183659.7	1.9	0.14044 d
				43.543	529760.9	183659.3	1.9	0.13975 d
				44.043	529761.1	183658.8	1.9	0.13905 d
				44.544	529761.4	183658.4	1.9	0.13835 d
				45.044	529761.7	183658	1.9	0.13765 d
				45.545	529762	183657.6	1.9	0.13695 d
				46.045	529762.2	183657.2	1.9	0.13624 d
				46.546	529762.5	183656.7	1.9	0.13554 d
				47.046	529762.8	183656.3	1.9	0.13483 d
				47.547	529763	183655.9	1.9	0.13412 d

				48.047	529763.3	183655.5	1.9	0.1334 d
				48.548	529763.6	183655.1	1.9	0.13269 d
				49.048	529763.9	183654.6	1.9	0.13197 d
				49.549	529764.1	183654.2	1.9	0.13126 d
				50.049	529764.4	183653.8	1.9	0.13054 d
				50.55	529764.7	183653.4	1.9	0.12982 d
				51.05	529764.9	183653	1.9	0.1291 d
				51.551	529765.2	183652.5	1.9	0.12838 d
				52.051	529765.5	183652.1	1.9	0.12766 d
				52.552	529765.8	183651.7	1.9	0.12694 d
				53.052	529766	183651.3	1.9	0.12622 d
				53.553	529766.3	183650.9	1.9	0.1255 d
				54.053	529766.6	183650.4	1.9	0.12478 d
				54.554	529766.9	183650	1.9	0.12406 d
				55.054	529767.1	183649.6	1.9	0.12334 d
				55.555	529767.4	183649.2	1.9	0.12262 d
				56.055	529767.7	183648.8	1.9	0.1219 d
				56.556	529767.9	183648.3	1.9	0.12118 d
				57.056	529768.2	183647.9	1.9	0.12046 d
				57.557	529768.5	183647.5	1.9	0.11974 d
				58.057	529768.8	183647.1	1.9	0.11902 d
				58.558	529769	183646.7	1.9	0.11831 d
				59.058	529769.3	183646.2	1.9	0.11759 d
				59.559	529769.6	183645.8	1.9	0.11688 d
				60.059	529769.8	183645.4	1.9	0.11616 d
				60.56	529770.1	183645	1.9	0.11545 d
				61.06	529770.4	183644.6	1.9	0.11474 d
				61.561	529770.7	183644.1	1.9	0.11403 d
				62.061	529770.9	183643.7	1.9	0.11332 d
				62.562	529771.2	183643.3	1.9	0.11262 d
				63.062	529771.5	183642.9	1.9	0.11191 d
				63.563	529771.8	183642.5	1.9	0.11121 d
				64.063	529772	183642	1.9	0.11051 d
				64.564	529772.3	183641.6	1.9	0.10981 d
				65.064	529772.6	183641.2	1.9	0.10911 d
				65.565	529772.8	183640.8	1.9	0.10841 d
				66.065	529773.1	183640.4	1.9	0.10772 d
				66.566	529773.4	183639.9	1.9	0.10703 d
				67.066	529773.7	183639.5	1.9	0.10634 d
				67.567	529773.9	183639.1	1.9	0.10565 d
				68.067	529774.2	183638.7	1.9	0.10497 d
				68.568	529774.5	183638.3	1.9	0.10429 d
				69.068	529774.7	183637.8	1.9	0.10361 d
				69.569	529775	183637.4	1.9	0.10293 d
				70.069	529775.3	183637	1.9	0.10225 d
				70.57	529775.6	183636.6	1.9	0.10158 d
				71.07	529775.8	183636.2	1.9	0.10091 d
				71.571	529776.1	183635.7	1.9	0.10024 d
				72.071	529776.4	183635.3	1.9	0.09958 d
				72.572	529776.7	183634.9	1.9	0.09892 d
				73.072	529776.9	183634.5	1.9	0.09826 d
				73.573	529777.2	183634.1	1.9	0.0976 d
				74.073	529777.5	183633.6	1.9	0.09695 d
				74.574	529777.7	183633.2	1.9	0.0963 d
				75.074	529778	183632.8	1.9	0.09565 d
				75.575	529778.3	183632.4	1.9	0.095 d
				76.075	529778.6	183632	1.9	0.09436 d
				76.576	529778.8	183631.5	1.9	0.09372 d
				77.076	529779.1	183631.1	1.9	0.09309 d
				77.577	529779.4	183630.7	1.9	0.09246 d
				78.077	529779.6	183630.3	1.9	0.09183 d
				78.578	529779.9	183629.9	1.9	0.0912 d
				79.078	529780.2	183629.4	1.9	0.09058 d
				79.578	529780.5	183629	1.9	0.08996 d
				80.079	529780.7	183628.6	1.9	0.08934 d
				80.579	529781	183628.2	1.9	0.08873 d
				81.08	529781.3	183627.8	1.9	0.17624 d
63	63	On piles	-20.95	0	529781.3	183627.8	1.9	0.17624 d
				0.50257	529781.7	183628	1.9	0.08748 d
				1.0051	529782.1	183628.3	1.9	0.08684 d
				1.5077	529782.6	183628.5	1.9	0.08621 d
				2.0103	529783	183628.8	1.9	0.08557 d
				2.5128	529783.4	183629	1.9	0.08495 d
				3.0154	529783.9	183629.3	1.9	0.08432 d
				3.518	529784.3	183629.6	1.9	0.0837 d
				4.0205	529784.7	183629.8	1.9	0.08308 d
				4.5231	529785.2	183630.1	1.9	0.08247 d
				5.0257	529785.6	183630.3	1.9	0.08186 d
				5.5282	529786	183630.6	1.9	0.08125 d
				6.0308	529786.5	183630.8	1.9	0.08064 d
				6.5334	529786.9	183631.1	1.9	0.08004 d
				7.0359	529787.3	183631.4	1.9	0.07945 d
				7.5385	529787.8	183631.6	1.9	0.07885 d
				8.0411	529788.2	183631.9	1.9	0.07826 d
				8.5436	529788.6	183632.1	1.9	0.07767 d
				9.0462	529789	183632.4	1.9	0.07709 d
				9.5488	529789.5	183632.6	1.9	0.07651 d
				10.051	529789.9	183632.9	1.9	0.07594 d
				10.554	529790.3	183633.2	1.9	0.07536 d
				11.056	529790.8	183633.4	1.9	0.0748 d
				11.559	529791.2	183633.7	1.9	0.07423 d
				12.062	529791.6	183633.9	1.9	0.07367 d
				12.564	529792.1	183634.2	1.9	0.07311 d
				13.067	529792.5	183634.5	1.9	0.07256 d
				13.569	529792.9	183634.7	1.9	0.07201 d
				14.072	529793.4	183635	1.9	0.07146 d
				14.574	529793.8	183635.2	1.9	0.07092 d
				15.077	529794.2	183635.5	1.9	0.07038 d
				15.58	529794.7	183635.7	1.9	0.06985 d
				16.082	529795.1	183636	1.9	0.06932 d
				16.585	529795.5	183636.3	1.9	0.06879 d
				17.087	529796	183636.5	1.9	0.06827 d
				17.59	529796.4	183636.8	1.9	0.06775 d
				18.092	529796.8	183637	1.9	0.06723 d
				18.595	529797.3	183637.3	1.9	0.06672 d
				19.098	529797.7	183637.5	1.9	0.06621 d
				19.6	529798.1	183637.8	1.9	0.06571 d
				20.103	529798.5	183638.1	1.9	0.06521 d
				20.605	529799	183638.3	1.9	0.06471 d
				21.108	529799.4	183638.6	1.9	0.06422 d
				21.61	529799.8	183638.8	1.9	0.06373 d
				22.113	529800.3	183639.1	1.9	0.06324 d
				22.615	529800.7	183639.3	1.9	0.06276 d
				23.118	529801.1	183639.6	1.9	0.06228 d
				23.621	529801.6	183639.9	1.9	0.06181 d
				24.123	529802	183640.1	1.9	0.06134 d
				24.626	529802.4	183640.4	1.9	0.06087 d
				25.128	529802.9	183640.6	1.9	0.06041 d
				25.631	529803.3	183640.9	1.9	0.05995 d
				26.133	529803.7	183641.1	1.9	0.05949 d
				26.636	529804.2	183641.4	1.9	0.05904 d
				27.139	529804.6	183641.7	1.9	0.05859 d

			27.641	529805	183641.9	1.9	0.05815 d
			28.144	529805.5	183642.2	1.9	0.05771 d
			28.646	529805.9	183642.4	1.9	0.05727 d
			29.149	529806.3	183642.7	1.9	0.05683 d
			29.651	529806.8	183642.9	1.9	0.0564 d
64	64 Shallow	0	0	529669.7	183755.5	18.5	0.35742 d
			0.49839	529670	183755.1	18.5	0.36104 d
			0.99678	529670.3	183754.6	18.5	0.3647 d
			1.4952	529670.6	183754.2	18.5	0.3684 d
			1.9936	529670.9	183753.8	18.5	0.37215 d
			2.492	529671.1	183753.4	18.5	0.37593 d
			2.9904	529671.4	183753	18.5	0.37975 d
			3.4887	529671.7	183752.6	18.5	0.38362 d
			3.9871	529672	183752.2	18.5	0.38752 d
			4.4855	529672.3	183751.7	18.5	0.39147 d
			4.9839	529672.5	183751.3	18.5	0.39546 d
			5.4823	529672.8	183750.9	18.5	0.39949 d
			5.9807	529673.1	183750.5	18.5	0.40356 d
			6.4791	529673.4	183750.1	18.5	0.40768 d
			6.9775	529673.6	183749.7	18.5	0.41184 d
			7.4759	529673.9	183749.3	18.5	0.41604 d
			7.9743	529674.2	183748.9	18.5	0.42029 d
			8.4727	529674.5	183748.4	18.5	0.42457 d
			8.9711	529674.8	183748	18.5	0.42891 d
			9.4695	529675	183747.6	18.5	0.43328 d
			9.9678	529675.3	183747.2	18.5	0.4377 d
			10.466	529675.6	183746.8	18.5	0.44217 d
			10.965	529675.9	183746.4	18.5	0.44668 d
			11.463	529676.2	183746	18.5	0.45123 d
			11.961	529676.4	183745.5	18.5	0.45583 d
			12.46	529676.7	183745.1	18.5	0.46047 d
			12.958	529677	183744.7	18.5	0.46515 d
			13.457	529677.3	183744.3	18.5	0.46988 d
			13.955	529677.5	183743.9	18.5	0.47466 d
			14.453	529677.8	183743.5	18.5	0.47948 d
			14.952	529678.1	183743.1	18.5	0.48434 d
			15.45	529678.4	183742.7	18.5	0.48925 d
			15.949	529678.7	183742.2	18.5	0.4942 d
			16.447	529678.9	183741.8	18.5	0.49919 d
			16.945	529679.2	183741.4	18.5	0.50423 d
			17.444	529679.5	183741	18.5	0.50932 d
			17.942	529679.8	183740.6	18.5	0.51444 d
			18.441	529680	183740.2	18.5	0.51961 d
			18.939	529680.3	183739.8	18.5	0.52482 d
			19.437	529680.6	183739.3	18.5	0.53008 d
			19.936	529680.9	183738.9	18.5	0.53537 d
			20.434	529681.2	183738.5	18.5	0.54071 d
			20.932	529681.4	183738.1	18.5	0.54609 d
			21.431	529681.7	183737.7	18.5	0.55151 d
			21.929	529682	183737.3	18.5	0.55697 d
			22.428	529682.3	183736.9	18.5	0.56247 d
			22.926	529682.6	183736.5	18.5	0.56801 d
			23.424	529682.8	183736	18.5	0.57359 d
			23.923	529683.1	183735.6	18.5	0.5792 d
			24.421	529683.4	183735.2	18.5	0.58486 d
			24.92	529683.7	183734.8	18.5	0.59054 d
			25.418	529683.9	183734.4	18.5	0.59627 d
			25.916	529684.2	183734	18.5	0.60203 d
			26.415	529684.5	183733.6	18.5	0.60782 d
			26.913	529684.8	183733.1	18.5	0.61365 d
			27.412	529685.1	183732.7	18.5	0.6195 d
			27.91	529685.3	183732.3	18.5	0.62539 d
			28.408	529685.6	183731.9	18.5	0.63131 d
			28.907	529685.9	183731.5	18.5	0.63725 d
			29.405	529686.2	183731.1	18.5	0.64322 d
			29.904	529686.5	183730.7	18.5	0.64922 d
			30.402	529686.7	183730.2	18.5	0.65525 d
			30.9	529687	183729.8	18.5	0.66129 d
			31.399	529687.3	183729.4	18.5	0.66736 d
			31.897	529687.6	183729	18.5	0.67345 d
			32.395	529687.8	183728.6	18.5	0.67956 d
			32.894	529688.1	183728.2	18.5	0.68568 d
			33.392	529688.4	183727.8	18.5	0.69183 d
			33.891	529688.7	183727.4	18.5	0.69798 d
			34.389	529689	183726.9	18.5	0.70415 d
			34.887	529689.2	183726.5	18.5	0.71033 d
			35.386	529689.5	183726.1	18.5	0.71652 d
			35.884	529689.8	183725.7	18.5	0.72271 d
			36.383	529690.1	183725.3	18.5	0.72891 d
			36.881	529690.3	183724.9	18.5	0.73512 d
			37.379	529690.6	183724.5	18.5	1.4826 d
65	65 Shallow	0	0	529690.6	183724.5	18.5	1.4826 d
			0.4987	529690.2	183724.2	18.5	0.75038 d
			0.99741	529689.8	183723.9	18.5	0.75953 d
			1.4961	529689.4	183723.6	18.5	0.76876 d
			1.9948	529689	183723.4	18.5	0.80581 d
			2.4935	529688.5	183723.1	18.5	0.88758 d
			2.9922	529688.1	183722.8	18.5	0.96943 d
			3.4909	529687.7	183722.5	18.5	1.0513 d
			3.9896	529687.3	183722.3	18.5	1.1333 d
			4.4883	529686.9	183722	18.5	1.2154 d
			4.987	529686.5	183721.7	18.5	1.2974 d
			5.4857	529686.1	183721.4	18.5	1.3795 d
			5.9844	529685.6	183721.2	18.5	1.4617 d
			6.4831	529685.2	183720.9	18.5	1.5438 d
			6.9818	529684.8	183720.6	18.5	1.626 d
			7.4805	529684.4	183720.3	18.5	1.7082 d
			7.9792	529684	183720.1	18.5	1.7904 d
			8.478	529683.6	183719.8	18.5	1.8726 d
			8.9767	529683.1	183719.5	18.5	1.9547 d
			9.4754	529682.7	183719.2	18.5	2.0367 d
			9.9741	529682.3	183718.9	18.5	2.1188 d
			10.473	529681.9	183718.7	18.5	2.2007 d
			10.971	529681.5	183718.4	18.5	2.2825 d
			11.47	529681.1	183718.1	18.5	2.3642 d
			11.969	529680.7	183717.8	18.5	2.4458 d
			12.468	529680.2	183717.6	18.5	2.5272 d
			12.966	529679.8	183717.3	18.5	2.6085 d
			13.465	529679.4	183717	18.5	2.6895 d
			13.964	529679	183716.7	18.5	2.7703 d
			14.462	529678.6	183716.5	18.5	2.8509 d
			14.961	529678.2	183716.2	18.5	2.9311 d
			15.46	529677.7	183715.9	18.5	3.0111 d
			15.958	529677.3	183715.6	18.5	3.0907 d
			16.457	529676.9	183715.4	18.5	3.1699 d
			16.956	529676.5	183715.1	18.5	3.2486 d
			17.455	529676.1	183714.8	18.5	3.3269 d
			17.953	529675.7	183714.5	18.5	3.4047 d
			18.452	529675.2	183714.3	18.5	3.4819 d
			18.951	529674.8	183714	18.5	3.5584 d
			19.449	529674.4	183713.7	18.5	3.6344 d
			19.948	529674	183713.4	18.5	3.7095 d

				20.447	529673.6	183713.2	18.5	3.7839 d
				20.946	529673.2	183712.9	18.5	4.5793 d
				21.444	529672.8	183712.6	18.5	4.2395 d
				21.943	529672.3	183712.3	18.5	4.2872 d
				22.442	529671.9	183712.1	18.5	4.332 d
				22.94	529671.5	183711.8	18.5	4.3737 d
				23.439	529671.1	183711.5	18.5	4.4124 d
				23.938	529670.7	183711.2	18.5	4.448 d
				24.436	529670.3	183711	18.5	4.4805 d
				24.935	529669.8	183710.7	18.5	4.5097 d
				25.434	529669.4	183710.4	18.5	4.5358 d
				25.933	529669	183710.1	18.5	4.5586 d
				26.431	529668.6	183709.9	18.5	4.5782 d
				26.93	529668.2	183709.6	18.5	4.5946 d
				27.429	529667.8	183709.3	18.5	4.631 d
				27.927	529667.4	183709	18.5	4.6855 d
				28.426	529666.9	183708.7	18.5	4.7378 d
				28.925	529666.5	183708.5	18.5	4.788 d
				29.423	529666.1	183708.2	18.5	4.8359 d
				29.922	529665.7	183707.9	18.5	4.8814 d
				30.421	529665.3	183707.6	18.5	4.9243 d
				30.92	529664.9	183707.4	18.5	4.9646 d
				31.418	529664.4	183707.1	18.5	5.0022 d
				31.917	529664	183706.8	18.5	5.037 d
				32.416	529663.6	183706.5	18.5	5.5534 d
				32.914	529663.2	183706.3	18.5	5.5595 d
				33.413	529662.8	183706	18.5	5.5656 d
				33.912	529662.4	183705.7	18.5	5.5716 d
				34.411	529662	183705.4	18.5	5.5776 d
				34.909	529661.5	183705.2	18.5	5.5837 d
				35.408	529661.1	183704.9	18.5	5.5897 d
				35.907	529660.7	183704.6	18.5	5.5958 d
				36.405	529660.3	183704.3	18.5	5.6019 d
				36.904	529659.9	183704.1	18.5	5.6081 d
				37.403	529659.5	183703.8	18.5	5.6144 d
				37.901	529659	183703.5	18.5	5.6208 d
				38.4	529658.6	183703.2	18.5	5.6272 d
				38.899	529658.2	183703	18.5	5.6338 d
				39.398	529657.8	183702.7	18.5	5.6404 d
				39.896	529657.4	183702.4	18.5	5.6472 d
				40.395	529657	183702.1	18.5	5.6542 d
				40.894	529656.5	183701.9	18.5	5.6613 d
				41.392	529656.1	183701.6	18.5	5.6685 d
				41.891	529655.7	183701.3	18.5	5.6759 d
				42.39	529655.3	183701	18.5	5.6835 d
				42.888	529654.9	183700.8	18.5	5.6912 d
				43.387	529654.5	183700.5	18.5	5.6992 d
				43.886	529654.1	183700.2	18.5	5.7073 d
				44.385	529653.6	183699.9	18.5	5.7155 d
				44.883	529653.2	183699.7	18.5	5.724 d
				45.382	529652.8	183699.4	18.5	5.7326 d
				45.881	529652.4	183699.1	18.5	5.7413 d
				46.379	529652	183698.8	18.5	5.7502 d
				46.878	529651.6	183698.5	18.5	5.7593 d
				47.377	529651.1	183698.3	18.5	5.7684 d
				47.875	529650.7	183698	18.5	5.7776 d
				48.374	529650.3	183697.7	18.5	5.7868 d
				48.873	529649.9	183697.4	18.5	5.796 d
				49.372	529649.5	183697.2	18.5	5.8052 d
				49.87	529649.1	183696.9	18.5	5.8143 d
				50.369	529648.7	183696.6	18.5	5.8233 d
				50.868	529648.2	183696.3	18.5	5.8321 d
				51.366	529647.8	183696.1	18.5	5.8407 d
				51.865	529647.4	183695.8	18.5	5.849 d
				52.364	529647	183695.5	18.5	5.8569 d
				52.863	529646.6	183695.2	18.5	5.8645 d
				53.361	529646.2	183695	18.5	5.8717 d
				53.86	529645.7	183694.7	18.5	5.8784 d
				54.359	529645.3	183694.4	18.5	5.8846 d
				54.857	529644.9	183694.1	18.5	5.8904 d
				55.356	529644.5	183693.9	18.5	5.8957 d
				55.855	529644.1	183693.6	18.5	5.9005 d
				56.353	529643.7	183693.3	18.5	5.9049 d
				56.852	529643.2	183693	18.5	5.9089 d
				57.351	529642.8	183692.8	18.5	5.9126 d
				57.85	529642.4	183692.5	18.5	5.9159 d
				58.348	529642	183692.2	18.5	5.9189 d
				58.847	529641.6	183691.9	18.5	5.9217 d
				59.346	529641.2	183691.7	18.5	5.9243 d
				59.844	529640.8	183691.4	18.5	5.9267 d
				60.343	529640.3	183691.1	18.5	5.929 d
				60.842	529639.9	183690.8	18.5	5.9312 d
				61.34	529639.5	183690.6	18.5	5.9333 d
				61.839	529639.1	183690.3	18.5	5.9354 d
				62.338	529638.7	183690	18.5	5.9373 d
				62.837	529638.3	183689.7	18.5	5.9391 d
				63.335	529637.8	183689.5	18.5	5.9409 d
				63.834	529637.4	183689.2	18.5	5.9425 d
				64.333	529637	183688.9	18.5	5.944 d
				64.831	529636.6	183688.6	18.5	5.9453 d
				65.33	529636.2	183688.4	18.5	5.9464 d
				65.829	529635.8	183688.1	18.5	5.9473 d
				66.327	529635.4	183687.8	18.5	5.9479 d
				66.826	529634.9	183687.5	18.5	5.9483 d
				67.325	529634.5	183687.2	18.5	5.9484 d
				67.824	529634.1	183687	18.5	5.9481 d
				68.322	529633.7	183686.7	18.5	5.9475 d
				68.821	529633.3	183686.4	18.5	5.9466 d
				69.32	529632.9	183686.1	18.5	5.9452 d
				69.818	529632.4	183685.9	18.5	5.9435 d
				70.317	529632	183685.6	18.5	5.9413 d
				70.816	529631.6	183685.3	18.5	5.9388 d
				71.315	529631.2	183685	18.5	5.9358 d
				71.813	529630.8	183684.8	18.5	5.9324 d
				72.312	529630.4	183684.5	18.5	5.9285 d
				72.811	529629.9	183684.2	18.5	5.9242 d
				73.309	529629.5	183683.9	18.5	5.9195 d
				73.808	529629.1	183683.7	18.5	5.9144 d
				74.307	529628.7	183683.4	18.5	5.9088 d
				74.805	529628.3	183683.1	18.5	5.9029 d
				75.304	529627.9	183682.8	18.5	5.8966 d
				75.803	529627.5	183682.6	18.5	5.8898 d
				76.302	529627	183682.3	18.5	5.8828 d
				76.8	529626.6	183682	18.5	5.8754 d
				77.299	529626.2	183681.7	18.5	5.8677 d
				77.798	529625.8	183681.5	18.5	5.8597 d
				78.296	529625.4	183681.2	18.5	5.8514 d
				78.795	529625	183680.9	18.5	5.843 d
				79.294	529624.5	183680.6	18.5	7.4405 d
66	66	Shallow	0	0	529603.9	183712	18.5	0.66515 d
				0.50123	529604.1	183711.6	18.5	0.67487 d
				1.0025	529604.4	183711.2	18.5	0.68476 d

1.5037	529604.7	183710.8	18.5	0.69482 d
2.0049	529605	183710.3	18.5	0.70505 d
2.5062	529605.2	183709.9	18.5	0.71545 d
3.0074	529605.5	183709.5	18.5	0.72603 d
3.5086	529605.8	183709.1	18.5	0.7368 d
4.0098	529606.1	183708.7	18.5	0.74774 d
4.5111	529606.3	183708.3	18.5	0.75887 d
5.0123	529606.6	183707.8	18.5	0.77019 d
5.5135	529606.9	183707.4	18.5	0.78169 d
6.0148	529607.2	183707	18.5	0.79339 d
6.516	529607.4	183706.6	18.5	0.80528 d
7.0172	529607.7	183706.2	18.5	0.81736 d
7.5185	529608	183705.7	18.5	0.82965 d
8.0197	529608.3	183705.3	18.5	0.84213 d
8.5209	529608.5	183704.9	18.5	0.85481 d
9.0221	529608.8	183704.5	18.5	0.8677 d
9.5234	529609.1	183704.1	18.5	0.88079 d
10.025	529609.4	183703.7	18.5	0.89408 d
10.526	529609.7	183703.2	18.5	0.90758 d
11.027	529609.9	183702.8	18.5	0.92128 d
11.528	529610.2	183702.4	18.5	0.93519 d
12.03	529610.5	183702	18.5	0.94931 d
12.531	529610.8	183701.6	18.5	0.96363 d
13.032	529611	183701.1	18.5	0.97816 d
13.533	529611.3	183700.7	18.5	0.99289 d
14.034	529611.6	183700.3	18.5	1.0078 d
14.536	529611.9	183699.9	18.5	1.023 d
15.037	529612.1	183699.5	18.5	1.0383 d
15.538	529612.4	183699	18.5	1.0538 d
16.039	529612.7	183698.6	18.5	1.0695 d
16.541	529613	183698.2	18.5	1.0854 d
17.042	529613.2	183697.8	18.5	1.1015 d
17.543	529613.5	183697.4	18.5	1.1178 d
18.044	529613.8	183697	18.5	1.1342 d
18.546	529614.1	183696.5	18.5	1.1508 d
19.047	529614.3	183696.1	18.5	1.1675 d
19.548	529614.6	183695.7	18.5	1.1844 d
20.049	529614.9	183695.3	18.5	1.2014 d
20.55	529615.2	183694.9	18.5	1.2185 d
21.052	529615.4	183694.4	18.5	1.3287 d
21.553	529615.7	183694	18.5	1.4713 d
22.054	529616	183693.6	18.5	1.614 d
22.555	529616.3	183693.2	18.5	1.7567 d
23.057	529616.5	183692.8	18.5	1.8995 d
23.558	529616.8	183692.4	18.5	2.0422 d
24.059	529617.1	183691.9	18.5	2.185 d
24.56	529617.4	183691.5	18.5	2.3277 d
25.062	529617.7	183691.1	18.5	2.4703 d
25.563	529617.9	183690.7	18.5	2.6128 d
26.064	529618.2	183690.3	18.5	2.7551 d
26.565	529618.5	183689.8	18.5	2.8972 d
27.066	529618.8	183689.4	18.5	3.0391 d
27.568	529619	183689	18.5	3.1807 d
28.069	529619.3	183688.6	18.5	3.322 d
28.57	529619.6	183688.2	18.5	3.4629 d
29.071	529619.9	183687.7	18.5	3.6033 d
29.573	529620.1	183687.3	18.5	3.7432 d
30.074	529620.4	183686.9	18.5	3.8825 d
30.575	529620.7	183686.5	18.5	4.0211 d
31.076	529621	183686.1	18.5	4.159 d
31.578	529621.2	183685.7	18.5	4.2961 d
32.079	529621.5	183685.2	18.5	4.4322 d
32.58	529621.8	183684.8	18.5	4.5673 d
33.081	529622.1	183684.4	18.5	4.7012 d
33.582	529622.3	183684	18.5	4.8339 d
34.084	529622.6	183683.6	18.5	4.9652 d
34.585	529622.9	183683.1	18.5	5.0951 d
35.086	529623.2	183682.7	18.5	5.2232 d
35.587	529623.4	183682.3	18.5	5.3496 d
36.089	529623.7	183681.9	18.5	5.4741 d
36.59	529624	183681.5	18.5	5.5965 d
37.091	529624.3	183681.1	18.5	5.7166 d
37.592	529624.5	183680.6	18.5	7.4405 d

END_TABLE
d - Displacements include imported displacements.

Specific Building Damage Results - Detail

START_TABLE

Stage:	Ref. Stage:	Nam	Specific Bu	Specific Bu	Sub-buildi	Vertical Of Segment [m]		Start [m]	Length [m]	Curvature	Deflection [%]	Average H	Max Tensil [%]	Max Gradi	Max Gradi	Min Radiu [m]	Damage Category
0	Base Mode	1	1	On piles	-13.3	1	0	0.51243	Sagging	8.94E-07	0	8.94E-07	0	2.73E-06	1.48E+06	0 (Negligible)
						2	0.51243	2.2419	Hogging	0.001863	0	0.001861	0	-9.65E-05	13255	0 (Negligible)
						3	2.7544	12.38	Sagging	0.002426	6.22E-04	0.002962	-8.36E-05	1.06E-04	59910	0 (Negligible)
						4	15.135	2.2707	Hogging	0.001941	-0.00339	0.001749	8.39E-05	1.13E-04	12624	0 (Negligible)
						5	17.405	8.1445	Sagging	2.96E-05	0	2.81E-05	0	1.60E-05	1.91E+06	0 (Negligible)
						6	25.55	27.706	Hogging	1.84E-04	0	1.94E-04	0	1.60E-05	1.60E+06	0 (Negligible)
		2	2	On piles	-13.3	1	2.4797	10.91	Sagging	0.001176	0	0.00107	0	1.35E-04	105230	0 (Negligible)
		3	3	Shallow	0	1	0	9.3653	Sagging	5.58E-04	0	6.16E-04	0	5.01E-05	178750	0 (Negligible)
						2	9.3653	1.4703	Hogging	0.017275	0	0.017255	0	-7.27E-04	504.65	0 (Negligible)
		4	4	Shallow	0	1	0	1.4978	Hogging	0.017139	0	0.017119	0	7.87E-04	517.83	0 (Negligible)
						2	1.4978	2.4965	Sagging	1.43E-06	0	1.39E-06	0	1.63E-05	1.25E+07	0 (Negligible)
						3	3.9943	8.9862	Hogging	0.001875	0	0.001798	0	-3.44E-04	1112.3	0 (Negligible)
		5	5	Shallow	0	1	0	15.146	Sagging	7.78E-04	0	0.001109	0	5.93E-05	172910	0 (Negligible)
						2	15.146	1.4981	Hogging	0.007791	0	0.007782	0	-2.92E-04	1140.4	0 (Negligible)
		6	6	Shallow	0	1	0	7.9282	Sagging	5.33E-04	0	6.99E-04	0	6.30E-05	176490	0 (Negligible)
						2	7.9282	1.4551	Hogging	0.003059	0	0.00305	0	-7.38E-05	2850	0 (Negligible)
		7	7	Shallow	0	1	0	18.069	Hogging	8.88E-04	0	0.001235	0	-2.75E-04	1533	0 (Negligible)
		8	8	Shallow	0	1	0	8.7163	Sagging	3.62E-04	0	4.97E-04	0	3.93E-05	280210	0 (Negligible)
						2	8.7163	1.5321	Hogging	0.0057	0	0.005683	0	-2.17E-04	1595.6	0 (Negligible)
		9	9	Shallow	0	1	0	30.022	Sagging	4.48E-04	0	6.62E-04	0	3.07E-05	354320	0 (Negligible)
						2	30.022	1.4947	Hogging	0.009612	0	0.009602	0	-4.02E-04	922.1	0 (Negligible)
		10	10	Shallow	0	1	0	1.508	Hogging	0.009603	0	0.009593	0	4.18E-04	930.6	0 (Negligible)
						2	1.508	30.164	Sagging	2.91E-04	0	4.30E-04	0	-1.44E-05	974110	0 (Negligible)
		11	11	Shallow	0	1	6.29	0	None	0	0	3.58E-08	0	2.31E-04	1944.1	0 (Negligible)
		12	12	Shallow	0	1	3.5282	1.1258	Hogging	1.85E-05	0	1.85E-05	0	-3.78E-05	309810	0 (Negligible)
						2	4.654	19.036	Sagging	5.79E-04	0	8.58E-04	0	-3.78E-05	287060	0 (Negligible)
						3	23.69	1.5102	Hogging	0.018098	0	0.01808	0	-8.12E-04	494.2	0 (Negligible)
		13	13	Shallow	0	1	0	1.4527	Sagging	0.003971	0	0.003957	0	-2.09E-04	2218.1	0 (Negligible)
						2	1.4527	2.5175	Hogging	1.44E-04	0	1.44E-04	0	-4.95E-05	93201	0 (Negligible)
						3	3.9702	20.746	Sagging	7.55E-04	0	0.001136	0	-4.95E-05	230760	0 (Negligible)
						4	24.716	1.5113	Hogging	0.018528	0	0.018509	0	-8.30E-04	483.08	0 (Negligible)
		14	14	Shallow	0	1	0	3.437	Hogging	0.012186	0	0.012123	0	-8.60E-04	457.92	0 (Negligible)
		15	15	Shallow	0	1	0	1.4995	Hogging	0.014779	0	0.014768	0	6.77E-04	601.26	0 (Negligible)
						2	1.4995	3.5687	Sagging	1.85E-05	0	1.82E-05	0	1.30E-05	1.62E+06	0 (Negligible)
						3	5.0683	7.9348	Hogging	0.002447	0	0.002397	0	-4.09E-04	975.23	0 (Negligible)
		16	16	Shallow	0	1	0	1.4893	Hogging	0.014752	0	0.014742	0	6.33E-04	598.14	0 (Negligible)
						2	1.4893	18.944	Sagging	4.35E-04	0	6.17E-04	0	-3.11E-05	261060	0 (Negligible)
						3	20.433	1.4936	Hogging	0.022486	0	0.022469	0	-0.00101	393.23	0 (Negligible)
		17	17	Shallow	0	1	0	2.9706	Hogging	0.005802	0	0.005786	0	3.80E-04	968.09	0 (Negligible)
						2	2.9706	18.001	Sagging	6.18E-04	0	8.59E-04	0	-3.86E-05	279440	0 (Negligible)

			3	20.972	1.496	Hogging	0.025265	0	0.025246	0	-0.00113	350.7	0	(Negligible)
18	18 Shallow	0	1	0	1.5028	Hogging	0.022398	0	0.022382	0	0.001003	397.58	0	(Negligible)
			2	1.5028	10.019	Sagging	6.98E-06	0	6.76E-06	0	-5.15E-06	1.45E+07	0	(Negligible)
			3	11.522	1.5018	Hogging	0.025181	0	0.025163	0	-0.00114	352.92	0	(Negligible)
19	19 Shallow	0	1	0	14.055	Hogging	0.005561	0	0.005223	0	-0.0012	381.74	0	(Negligible)
20	20 Shallow	0	1	0	4.1441	Hogging	0.003524	0	0.003504	0	2.94E-04	1296.5	0	(Negligible)
			2	4.1441	29.819	Sagging	8.14E-04	0	0.001233	0	-5.00E-05	206880	0	(Negligible)
			3	33.963	6.4919	Hogging	0.006319	0	0.006233	0	-8.85E-04	446.05	0	(Negligible)
21	21 Shallow	0	1	0	7.2833	Hogging	0.007371	0	0.007245	0	0.001145	378.05	0	(Negligible)
			2	7.2833	27.159	Sagging	6.38E-04	0	9.69E-04	0	-3.38E-05	271460	0	(Negligible)
			3	34.442	6.284	Hogging	0.007062	0	0.006972	0	-9.51E-04	417.88	0	(Negligible)
22	22 Shallow	0	1	0	1.5154	Hogging	0.019662	0	0.019647	0	8.82E-04	456.73	0	(Negligible)
			2	1.5154	12.124	Sagging	1.20E-05	0	1.33E-05	0	-2.89E-06	1.05E+07	0	(Negligible)
			3	13.64	1.5144	Hogging	0.021244	0	0.021228	0	-9.59E-04	421.87	0	(Negligible)
23	23 Shallow	0	1	0	13.053	Hogging	0.005666	0	0.005367	0	0.001515	277.19	0	(Negligible)
			2	13.053	1.4786	Sagging	5.94E-05	0	5.92E-05	0	-5.18E-05	153750	0	(Negligible)
			3	14.531	1.4981	Hogging	0.039053	0	0.039024	0	-0.0018	227.34	0	(Negligible)
24	24 Shallow	0	1	0	7.7076	Hogging	0.009067	0	0.008894	0	0.001494	279.06	0	(Negligible)
			2	7.7076	24.434	Sagging	5.02E-04	0	7.57E-04	0	-2.11E-05	341990	0	(Negligible)
			3	32.142	5.0212	Hogging	0.009986	0	0.009904	0	-0.0011	360.85	0	(Negligible)
25	25 Shallow	0	1	0	5.5047	Hogging	0.015084	0	0.014936	0	0.001838	221.94	0	(Negligible)
			2	5.5047	21.126	Sagging	4.14E-04	0	6.07E-04	0	1.57E-05	358050	0	(Negligible)
			3	26.63	10.203	Hogging	0.00521	0	0.005038	0	-0.00111	353.44	0	(Negligible)
26	26 Shallow	0	1	0	1.4969	Hogging	0.024876	0	0.024858	0	0.001118	356.59	0	(Negligible)
			2	1.4969	12.975	Sagging	2.29E-05	0	2.67E-05	0	-1.02E-06	6.64E+06	0	(Negligible)
			3	14.472	1.4959	Hogging	0.024918	0	0.0249	0	-0.00112	355.27	0	(Negligible)
27	27 Shallow	0	1	0	1.487	Hogging	0.04525	0	0.045218	0	0.00202	194.75	0	(Negligible)
			2	1.487	5.9504	Sagging	1.17E-04	0	1.12E-04	0	-1.65E-05	499370	0	(Negligible)
			3	7.4375	1.4854	Hogging	0.05001	0	0.049974	0	-0.00226	175.91	0	(Negligible)
28	28 Shallow	0	1	0	1.5069	Hogging	0.044609	0	0.044576	0	0.002007	200.18	0	(Negligible)
			2	1.5069	18.094	Sagging	2.40E-04	0	3.35E-04	0	1.76E-05	549110	0	(Negligible)
			3	19.601	17.087	Hogging	0.003001	0	0.002739	0	-0.00104	382.06	0	(Negligible)
29	29 Shallow	0	1	0	1.5031	Hogging	0.049529	0	0.049493	0	0.002245	179.83	0	(Negligible)
			2	1.5031	9.7722	Sagging	3.84E-05	0	3.66E-05	0	1.94E-05	1.58E+06	0	(Negligible)
			3	11.275	25.306	Hogging	0.001943	0	0.002234	0	-9.87E-04	400.82	0	(Negligible)
30	30 Shallow	0	1	0	1.5426	Hogging	0.022832	0	0.022814	0	0.001031	400.37	0	(Negligible)
			2	1.5426	5.1425	Sagging	7.09E-06	0	6.83E-06	0	3.68E-06	8.14E+06	0	(Negligible)
			3	6.6851	1.5416	Hogging	0.021612	0	0.021595	0	-9.70E-04	422.14	0	(Negligible)
31	31 Shallow	0	1	0	1.5047	Hogging	0.049734	0	0.049697	0	0.002242	179.28	0	(Negligible)
			2	1.5047	17.564	Sagging	1.49E-04	0	2.04E-04	0	1.67E-05	603580	0	(Negligible)
			3	19.069	23.585	Hogging	0.002229	0	0.002444	0	-0.00107	371.96	0	(Negligible)
32	32 Shallow	0	1	0	1.4903	Hogging	0.050271	0	0.050234	0	0.002282	175.68	1	(Very Slight)
			2	1.4903	5.0925	Sagging	8.51E-06	0	8.26E-06	0	2.06E-05	3.70E+06	0	(Negligible)
			3	6.5828	3.8493	Hogging	0.020552	0	0.020453	0	-0.00182	216.22	0	(Negligible)
33	33 Shallow	0	1	0	1.538	Hogging	0.039531	0	0.0395	0	0.001787	230.55	0	(Negligible)
			2	1.538	6.1536	Sagging	3.13E-05	0	2.99E-05	0	1.07E-05	1.92E+06	0	(Negligible)
			3	7.6915	1.5371	Hogging	0.035726	0	0.035698	0	-0.0016	254.64	0	(Negligible)
34	34 Shallow	0	1	0	28.174	Hogging	0.002911	0	0.003577	0	0.00166	245.33	0	(Negligible)
35	35 Shallow	0	1	0	1.5175	Hogging	0.018729	0	0.018715	0	8.48E-04	480.17	0	(Negligible)
			2	1.5175	3.541	Sagging	2.40E-07	0	2.50E-07	0	4.94E-06	3.49E+07	0	(Negligible)
			3	5.0586	3.0352	Hogging	3.29E-07	0	3.22E-07	0	4.94E-06	1.02E+08	0	(Negligible)
			4	8.0937	5.70E-08	Hogging	1.90E-10	0	3.58E-08	0	4.92E-06	1.84E+15	0	(Negligible)
			5	8.0937	4.0459	Hogging	0.007857	0	0.007815	0	-7.20E-04	557.9	0	(Negligible)
36	36 Shallow	0	1	0	26.904	Hogging	0.002418	0	0.002891	0	-0.00133	302.51	0	(Negligible)
37	37 Shallow	0	1	0	21.44	Hogging	0.003032	0	0.003105	0	0.001327	303.24	0	(Negligible)
38	38 Shallow	0	1	0	12.396	Hogging	0.004325	0	0.004118	0	-0.0011	363.21	0	(Negligible)
39	39 Shallow	0	1	0	1.2565	Hogging	0.078727	0.14039	0.16945	-0.00142	0.00321	110.1	3	(Moderate)
			2	1.2565	3.0641	Sagging	0.041463	0.13383	0.16949	-0.00138	0.004166	582.58	3	(Moderate)
			3	4.3206	10.971	Hogging	0.037842	0.11665	0.16545	-0.0013	0.004166	114.8	3	(Moderate)
40	40 Shallow	0	1	0	1.4835	Hogging	0.45381	1.3192	1.4307	-0.03763	0.020122	19.973	4	(Severe)
			2	1.4835	6.784	Sagging	0.022427	0	0.031802	0	0.00252	1404.9	0	(Negligible)
			3	8.2675	8.7567	Hogging	0.024829	0	0.027954	0	0.00252	1224.5	0	(Negligible)
			4	17.024	1.2294	Sagging	0.012319	0	0.012131	0	8.52E-04	2450.9	0	(Negligible)
			5	18.254	9.4473	Hogging	0.002306	0	0.002727	0	8.52E-04	2328.6	0	(Negligible)
			6	27.701	1.8281	Sagging	8.20E-06	0	7.90E-06	0	-3.56E-06	1.55E+06	0	(Negligible)
			7	29.529	1.5002	Hogging	0.052569	0	0.052267	0	-0.00237	168.91	1	(Very Slight)
41	41 Shallow	0	1	0	1.6362	Hogging	0.071028	0.030093	0.083739	-3.02E-04	0.003464	119.13	2	(Slight)
			2	1.6362	5.1364	Sagging	0.00703	0.029461	0.038206	-2.99E-04	0.001632	1318.9	0	(Negligible)
			3	6.7726	0.34394	Hogging	0.029159	0.029018	0.044876	-2.90E-04	0.001632	1334.1	0	(Negligible)
			4	7.1166	1.1581	Sagging	0.14004	0.29237	0.34159	-0.01255	0.008524	243.08	4	(Severe)
			5	8.2747	1.2594	Hogging	0.13781	0.2583	0.30727	-0.01255	0.008524	232.61	4	(Severe)
			6	9.5341	19.571	Sagging	2.18E-04	0	2.66E-04	0	2.47E-05	511680	0	(Negligible)
			7	29.105	1.5044	Hogging	0.058161	0	0.057825	0	-0.0026	153.06	1	(Very Slight)
42	42 Shallow	0	1	0	1.4996	Hogging	0.05256	0	0.052259	0	0.002331	169.08	1	(Very Slight)
			2	1.4996	11.513	Sagging	5.93E-04	0	8.90E-04	0	-3.46E-05	203720	0	(Negligible)
			3	13.013	1.4995	Hogging	0.058317	0	0.057983	0	-0.00261	152.28	1	(Very Slight)
43	43 Shallow	0	1	0	1.5257	Hogging	0.072436	0.097813	0.13039	-9.78E-04	0.003509	124.93	2	(Slight)
			2	1.5257	3.0537	Sagging	5.69E-05	0.088473	0.088514	-9.78E-04	2.55E-04	487790	2	(Slight)
			3	4.5794	1.525	Hogging	0.06406	0.070421	0.10317	-7.04E-04	-0.00263	141.02	2	(Slight)
44	44 Shallow	0	1	0	1.5098	Hogging	0.073273	0.032975	0.0876	-3.30E-04	0.003435	122.15	2	(Slight)
			2	1.5098	2.0146	Sagging	3.41E-05	0.032962	0.032979	-3.30E-04	1.41E-04	681920	0	(Negligible)
			3	3.5244	1.5089	Hogging	0.070713	0.03299	0.085166	-3.30E-04	-0.00304	126.36	2	(Slight)
45	45 Shallow	0	1	0	1.4951	Hogging	0.075024	0.10115	0.13493	-0.00101	0.003628	118.21	2	(Slight)
			2	1.4951	0.001442	Sagging	2.94E-05	0.10112	0.10112	-0.00101	2.53E-04	421280	2	(Slight)
			3	1.4965	1.494	Hogging	0.071352	0.10117	0.13224	-0.00101	-0.00296	124.12	2	(Slight)
46	46 Shallow	0	1	0	1.4696	Hogging	0.076416	0.036319	0.092411	-3.63E-04	0.003588	114.01	2	(Slight)
			2	1.4696	4.4108	Sagging	6.38E-05	0.036326	0.03639	-3.64E-04	1.55E-04	703870	0	(Negligible)
			3	5.8804	1.4688	Hogging	0.070595	0.026923	0.081893	-2.85E-04	-0.00303	123.17	2	(Slight)
47	47 Shallow	0	1	0	1.5411	Hogging	0.072823	0	0.072517	0	0.003293	125.4	1	(Very Slight)
			2	1.5411	3.0859	Sagging	1.09E-04	0	1.02E-04	0	2.58E-05	280130	0	(Negligible)
			3	4.627	1.5409	Hogging	0.15587	-0.12713	0.13134	0.003833	-0.00701	58.28	2	(Slight)
48	48 Shallow	0	1	0	1.4918	Hogging	0.075336	0	0.075039	0	0.003407	117.34	2	(Slight)
			2	1.4918	15.419	Sagging	9.81E-05	0	1.44E-04	0	2.51E-05	814860	0	(Negligible)
			3	16.911	1.4911	Hogging	0.056905	0	0.05668	0	-0.00254	155.06	1	(Very Slight)
49	49 Shallow	0	1	0	1.5105	Hogging	0.056249	0	0.056022	0	0.002551	159.13	1	(Very Slight)
			2	1.5105	7.3028	Sagging	3.59E-05	0	4.87E-05	0	2.31E-05	1.10E+06	0	(Negligible)
			3	8.8132	18.884	Hogging	0.003567	0	0.005282	0	-0.00136	292.09	0	(Negligible)
50	50 Shallow	0	1	0	5.4944	Hogging	0.011484	0	0.010898	0	0.001379	287.59	0	(Negligible)
			2	5.4944	0.83249	Hogging	0	0	3.58E-08	0	-1.07E-05	4.64E+18	0	(Negligible)
			3	6.3269	0.1665	Sagging	0	0	3.58E-08	0	-1.07E-05	9.31E+18	0	(Negligible)
			4	6.4934	18.481	Sagging	2.63E-05	0	3.63E-05	0	-1.07E-05	4.22E+06	0	(Negligible)
			5	24.975	1.4974	Hogging	0.042708	0	0.042538	0	-0.00193	207.49	0	(Negligible)
51	51 Shallow	0	1	0	14.005	Hogging	0.013803	0	0.018369	0	0.003061	142.35	0	(Negligible)
52	52 Shallow	0	1	0	1.4613	Hogging	0.067	0.022155	0.076036	-2.22E-04	0.003151	129.27	2	(Slight)
			2	1.4613	1.9492	Sagging	1.82E-05	0.004971	0.00498	-2.22E-04	1.38E-04	1.24E+06	0	(Negligible)
			3	3.4104	1.4603	Hogging	0.06406	0	0.063818	0	-0.00275	134.91	1	(Very Slight)
53	53 Shallow	0	1	0	11.221	Hogging	0.036836	0.1482	0.1872	-0.00166	0.005987	102.82	3	(Moderate)
			2	11.221	2.5086	Sagging	0.013597	0.13148	0.13874	-0.00133	0.001761	1274	2	(Slight)
			3	13.73	1.2475	Hogging	0.024283	0.1288	0.13224	-0.00129	0.001761	1310.6	2	(Slight)
			4	14.977	12.237	Sagging	2.43E-04	0.10105	0.10142	-0.00128	2.75E-04	236930	2	(Slight)
			5	27.214	4.2434	Hogging	0.018513	0	0.018087	0	-0.00152	222.57	0	(Negligible)
54	54 Shallow	0	1	0	8.0509	Hogging	0.036002	0.00135	0.033672	-1.36E-05	0.004108	109.48	0	(Negligible)
55	55 Shallow	0	1	0	8.8493	Hogging	0.030833	0.1538	0.181	-0.00169	0.003793	147.69	3	(Moderate)
56	56 Shallow	0	1	0	2.1873	Hogging	0.04536	1.04E-08	0.045078	-1.04E-10	0.002512	153.3	0	(Negligible)
			2	2.1873	7.0282	Sagging	0.002253	1.04E-08	0.002765	-1.04E-10	-9.40E-05	28228	0	(Negligible)
			3	9.2154	3.5485	Hogging	2.60E-04	1.04E-08	2.56E-04	-1.04E-10	4.12E-05	137450	0	(Negligible)
			4	12.764	6.4975	Sagging	0.001286	-0.13208	0.03963	0.001655	1.08E-04	41921	0	(Negligible)
			5	19.261	3.7391	Hogging	3.66E-04	0.005229	0.005377	9.67E-04	1.08E-04	97447	0	(Negligible)
			6	23.001	0.35613	Sagging	1.27E-07	0.032137	0.032137	-3.21E-04	8.73E-05	587390	0	(Negligible)
			7	23.357	1.4893	Hogging	0.07053	0.03193	0.0845	-3.20E-04	-0.00309	125.02	2	(Slight)
57	57 Shallow	0	1	0	8.3382	Hogging	0.026254	0.10964	0.13169	-0.00117	0.003687	122.22	2	(Slight)
58	58 Shallow	0	1	0	9.2598	Hogging	0.020372	0.031782	0.050421	-3.31E-04	0.003326	116.05	1	(Very Slight)

59	59	Shallow	0	1	0	2.2034	Hogging	0.05753	0.10462	0.12546	-0.00106	0.00347	123.19	2 (Slight)
				2	2.2034	2.5721	Sagging	0.013607	0.10166	0.1091	-0.00103	0.001736	1281.3	2 (Slight)
				3	4.7755	1.2518	Hogging	0.024147	0.099756	0.10409	-0.001	0.001736	1327.2	2 (Slight)
				4	6.0273	13.678	Sagging	3.75E-04	0.082921	0.08349	-9.93E-04	2.55E-04	189570	2 (Slight)
				5	19.705	10.448	Hogging	0.010523	0	0.010572	0	-0.00196	201.7	0 (Negligible)
60	60	Shallow	0	1	0	1.956	Hogging	0.033663	0	0.033495	0	0.001772	223.49	0 (Negligible)
				2	1.956	27.542	Sagging	7.40E-04	0	9.02E-04	0	4.99E-05	132440	0 (Negligible)
				3	29.498	1.8827	Hogging	0.001239	0	0.001233	0	5.08E-05	20080	0 (Negligible)
				4	31.38	9.4747	Sagging	4.79E-05	0	6.79E-05	0	4.80E-06	2.37E+06	0 (Negligible)
				5	40.855	1.4935	Hogging	0.044581	0	0.044452	0	-0.002	198.26	0 (Negligible)
61	61	On piles	-20.95	1	0	1.506	Hogging	0.007747	0	0.007745	0	3.52E-04	1152.1	0 (Negligible)
				2	1.506	1.7571	Sagging	4.86E-07	0	4.65E-07	0	3.11E-06	5.04E+07	0 (Negligible)
				3	3.2632	1.2551	Hogging	3.18E-07	0	3.22E-07	0	3.11E-06	1.01E+08	0 (Negligible)
				4	4.5182	0.26738	Sagging	0	0	3.58E-08	0	3.09E-06	2.85E+15	0 (Negligible)
				5	4.7856	14.29	Hogging	7.61E-06	0	7.47E-06	0	3.09E-06	1.48E+07	0 (Negligible)
62	62	On piles	-20.95	1	0	1.5014	Hogging	0.00777	0	0.007769	0	3.50E-04	1145	0 (Negligible)
				2	1.5014	38.038	Sagging	1.68E-05	0	2.32E-05	0	1.34E-06	2.00E+07	0 (Negligible)
				3	39.539	8.82E-09	Sagging	6.15E-10	0	3.58E-08	0	1.34E-06	8.53E+15	0 (Negligible)
				4	39.539	5.0049	Sagging	9.14E-07	0	8.94E-07	0	1.40E-06	5.01E+07	0 (Negligible)
				5	44.544	1.23E-08	Hogging	4.41E-10	0	3.58E-08	0	1.40E-06	8.25E+15	0 (Negligible)
				6	44.544	4.0079	Sagging	4.97E-07	0	4.65E-07	0	1.44E-06	5.05E+07	0 (Negligible)
				7	48.552	0.49654	Hogging	0	0	3.58E-08	0	1.44E-06	8.03E+15	0 (Negligible)
				8	49.048	1.8089	Sagging	3.96E-07	0	3.93E-07	0	1.44E-06	1.00E+08	0 (Negligible)
				9	50.857	1.504	Hogging	0	0	3.58E-08	0	1.44E-06	1.11E+16	0 (Negligible)
				10	52.361	0.98167	Sagging	0	0	3.58E-08	0	1.44E-06	8.00E+15	0 (Negligible)
				11	53.343	0.96056	Hogging	0	0	3.58E-08	0	1.44E-06	7.95E+15	0 (Negligible)
				12	54.304	1.112	Sagging	0	0	3.58E-08	0	1.44E-06	7.98E+15	0 (Negligible)
				13	55.416	1.3905	Hogging	0	0	3.58E-08	0	1.44E-06	1.79E+16	0 (Negligible)
				14	56.806	0.25019	None	0	0	3.58E-08	0	1.44E-06	1.81E+16	0 (Negligible)
				15	57.056	2.2522	Hogging	2.96E-07	0	3.22E-07	0	1.44E-06	1.00E+08	0 (Negligible)
				16	59.309	0.25024	Sagging	0	0	3.58E-08	0	1.44E-06	8.19E+15	0 (Negligible)
				17	59.559	3.003	Hogging	3.33E-07	0	3.22E-07	0	1.44E-06	1.00E+08	0 (Negligible)
				18	62.562	3.39E-09	Sagging	4.95E-07	0	4.65E-07	0	1.42E-06	2.98E+16	0 (Negligible)
				19	62.562	1.5015	Hogging	4.44E-07	0	4.65E-07	0	1.42E-06	1.00E+08	0 (Negligible)
				20	64.063	0.50049	Sagging	0	0	3.58E-08	0	1.40E-06	8.16E+15	0 (Negligible)
				21	64.564	2.002	Hogging	4.94E-07	0	4.65E-07	0	1.40E-06	5.06E+07	0 (Negligible)
				22	66.566	8.73E-09	Hogging	4.65E-10	0	3.58E-08	0	1.38E-06	1.16E+16	0 (Negligible)
				23	66.566	2.002	Hogging	4.94E-07	0	4.65E-07	0	1.38E-06	5.06E+07	0 (Negligible)
				24	68.568	0.50049	Hogging	0	0	3.58E-08	0	1.36E-06	8.45E+15	0 (Negligible)
				25	69.068	12.011	Hogging	6.96E-04	0	6.89E-04	0	-1.75E-04	2272.4	0 (Negligible)
63	63	On piles	-20.95	1	0	0	None	0	0	3.58E-08	0	1.77E-04	2293	0 (Negligible)
64	64	Shallow	0	1	0	37.378	Hogging	0.001944	0	0.002948	0	-0.0015	267.85	0 (Negligible)
65	65	Shallow	0	1	0	7.067	Hogging	0.010571	0	0.010243	0	0.001468	268.36	0 (Negligible)
				2	7.067	12.384	Sagging	1.60E-04	0.026569	0.026787	-3.75E-04	-1.65E-04	347670	0 (Negligible)
				3	19.451	1.0989	Hogging	0.01223	0.040337	0.043045	-0.00222	-0.00159	1394.1	0 (Negligible)
				4	20.55	1.1369	Sagging	0.045303	0.030645	0.060078	-0.00222	-0.00159	864.66	1 (Very Slight)
				5	21.687	0.73903	Sagging	1.33E-04	-0.00932	0.002796	1.07E-04	-9.57E-05	2643.2	0 (Negligible)
				6	22.426	3.7833	Sagging	6.05E-04	-0.02694	0.008091	4.02E-04	-8.98E-05	76857	0 (Negligible)
				7	26.21	2.0021	Hogging	0.001369	-0.04276	0.012861	4.46E-04	-1.09E-04	18095	0 (Negligible)
				8	28.212	2.7191	Sagging	3.34E-04	-0.04953	0.014861	5.36E-04	-1.05E-04	91620	0 (Negligible)
				9	30.931	1.2133	Hogging	0.014568	-0.0538	0.019046	5.42E-04	-0.00104	2100.3	0 (Negligible)
				10	32.144	2.0171	Sagging	0.011834	-0.00721	0.010091	5.36E-04	-0.00104	1847.6	0 (Negligible)
				11	34.161	14.272	Hogging	9.94E-05	3.65E-08	9.66E-05	-3.65E-10	-1.85E-05	1.42E+06	0 (Negligible)
				12	48.433	29.365	Sagging	3.99E-04	3.65E-08	5.62E-04	-3.65E-10	-1.85E-05	526400	0 (Negligible)
				13	77.798	1.4948	Hogging	0.071479	3.65E-08	0.071377	-3.65E-10	-0.0032	123.78	1 (Very Slight)
66	66	Shallow	0	1	0	23.057	Hogging	0.002367	0	0.003131	0	-2.85E-04	4908.4	0 (Negligible)
				2	23.057	13.035	Sagging	4.63E-04	0.084725	0.085372	-0.00127	-2.85E-04	122710	2 (Slight)
				3	36.091	1.5001	Hogging	0.07095	0.12774	0.15386	-0.00128	-0.00344	125.5	3 (Moderate)

END_TABLE

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Specific Building Damage Results - Critical Values for All Segments within Each Sub-Building

START_TABLE

Stage:	Ref.	Stage: Nam	Specific Bu	Specific Bu	Sub-buildi	Vertical Of	Deflection	Average Hi	Max Slope	Max Settle	Max Tensil	Max Gradi	Max Gradi	Min Radiu	Min Radiu	Damage Category
						[m]	[%]	[%]		[mm]	[%]			[m]	[m]	
0	Base Mode		1	1	On piles	-13.3	0.002426	-0.00339	1.13E-04	0.73289	0.002962	8.39E-05	1.13E-04	12624	59910	0 (Negligible)
			2	2	On piles	-13.3	0.001176	0	1.35E-04	1.106	0.00107	0	1.35E-04	-	105230	0 (Negligible)
			3	3	Shallow	0	0.017275	0	-7.27E-04	0.76957	0.017255	0	-7.27E-04	504.65	178750	0 (Negligible)
			4	4	Shallow	0	0.017139	0	7.87E-04	0.7703	0.017119	0	7.87E-04	517.83	1.25E+07	0 (Negligible)
			5	5	Shallow	0	0.007791	0	-2.92E-04	0.6056	0.007782	0	-2.92E-04	1140.4	172910	0 (Negligible)
			6	6	Shallow	0	0.003059	0	-7.38E-05	0.49396	0.00305	0	-7.38E-05	2850	176490	0 (Negligible)
			7	7	Shallow	0	8.88E-04	0	-2.75E-04	0.2623	0.001235	0	-2.75E-04	1533	-	0 (Negligible)
			8	8	Shallow	0	0.0057	0	-2.17E-04	0.41963	0.005683	0	-2.17E-04	1595.6	280210	0 (Negligible)
			9	9	Shallow	0	0.009612	0	-4.02E-04	0.44663	0.009602	0	-4.02E-04	922.1	354320	0 (Negligible)
			10	10	Shallow	0	0.009603	0	4.18E-04	0.43456	0.009593	0	4.18E-04	930.6	974110	0 (Negligible)
			11	11	Shallow	0	0	0	2.31E-04	0.19157	3.58E-08	0	2.31E-04	-	-	0 (Negligible)
			12	12	Shallow	0	0.018098	0	-8.12E-04	0.82127	0.01808	0	-8.12E-04	494.2	287060	0 (Negligible)
			13	13	Shallow	0	0.018528	0	-8.30E-04	0.84135	0.018509	0	-8.30E-04	483.08	2218.1	0 (Negligible)
			14	14	Shallow	0	0.012186	0	-8.60E-04	0.84132	0.012123	0	-8.60E-04	457.92	-	0 (Negligible)
			15	15	Shallow	0	0.014779	0	6.77E-04	0.66596	0.014768	0	6.77E-04	601.26	1.62E+06	0 (Negligible)
			16	16	Shallow	0	0.022486	0	-0.00101	1.0089	0.022469	0	-0.00101	393.23	261060	0 (Negligible)
			17	17	Shallow	0	0.025265	0	-0.00113	1.1357	0.025246	0	-0.00113	350.7	279440	0 (Negligible)
			18	18	Shallow	0	0.025181	0	-0.00114	1.1357	0.025163	0	-0.00114	352.92	1.45E+07	0 (Negligible)
			19	19	Shallow	0	0.005561	0	-0.0012	1.0444	0.005223	0	-0.0012	381.74	-	0 (Negligible)
			20	20	Shallow	0	0.006319	0	-8.85E-04	0.89311	0.006233	0	-8.85E-04	446.05	206880	0 (Negligible)
			21	21	Shallow	0	0.007371	0	0.001145	1.0456	0.007245	0	0.001145	378.05	271460	0 (Negligible)
			22	22	Shallow	0	0.021244	0	-9.59E-04	0.96618	0.021228	0	-9.59E-04	421.87	1.05E+07	0 (Negligible)
			23	23	Shallow	0	0.039053	0	-0.0018	1.7675	0.039024	0	-0.0018	227.34	153750	0 (Negligible)
			24	24	Shallow	0	0.009986	0	0.001494	1.4334	0.009904	0	0.001494	279.06	341990	0 (Negligible)
			25	25	Shallow	0	0.015084	0	0.001838	1.7693	0.014936	0	0.001838	221.94	358050	0 (Negligible)
			26	26	Shallow	0	0.024918	0	-0.00112	1.1195	0.0249	0	-0.00112	355.27	6.64E+06	0 (Negligible)
			27	27	Shallow	0	0.05001	0	-0.00226	2.2323	0.049974	0	-0.00226	175.91	499370	0 (Negligible)
			28	28	Shallow	0	0.044609	0	0.002007	2.0194	0.044576	0	0.002007	200.18	549110	0 (Negligible)
			29	29	Shallow	0	0.049529	0	0.002245	2.2346	0.049493	0	0.002245	179.83	1.58E+06	0 (Negligible)
			30	30	Shallow	0	0.022832	0	0.001031	1.0568	0.022814	0	0.001031	400.37	8.14E+06	0 (Negligible)
			31	31	Shallow	0	0.049734	0	0.002242	2.2481	0.049697	0	0.002242	179.28	603580	0 (Negligible)
			32	32	Shallow	0	0.050271	0	0.002282	2.2481	0.050234	0	0.002282	175.68	3.70E+06	1 (Very Slight)
			33	33	Shallow	0	0.039531	0	0.001787	1.8249	0.0395	0	0.001787	230.55	1.92E+06	0 (Negligible)
			34	34	Shallow	0	0.002911	0	0.00166	1.6508	0.003577	0	0.00166	245.33	-	0 (Negligible)
			35	35	Shallow	0	0.018729	0	8.48E-04	0.85268	0.018715	0	8.48E-04	480.17	3.49E+07	0 (Negligible)
			36	36	Shallow	0	0.002418	0	-0.00133	1.3104	0.002891	0	-0.00133	302.51	-	0 (Negligible)
			37	37	Shallow	0	0.003032	0	0.001327	1.3118	0.003105	0	0.001327	303.24	-	0 (Negligible)
			38	38	Shallow	0	0.004325	0	-0.0011	1.0812	0.004118	0	-0.0011	363.21	-	0 (Negligible)
			39	39	Shallow	0	0.078727	0.14039	0.004166	25.18	0.16949	-0.00142	0.004166	110.1	582.58	3 (Moderate)
			40	40	Shallow	0	0.45381	1.3192	0.020122	25.18	1.4307	-0.03763	0.020122	19.973	1404.9	4 (Severe)
			41	41	Shallow	0	0.14004	0.29237	0.008524	9.3663	0.34159	-0.01255	0.008524	119.13	243.08	4 (Severe)
			42	42	Shallow	0	0.058317	0	-0.00261	2.6275	0.057983	0	-0.00261	152.28	203720	1 (Very Slight)
			43	43	Shallow	0	0.072436	0.097813	0.003509	6.3333	0.13039	-9.78E-04	0.003509	124.93	487790	2 (Slight)
			44	44	Shallow	0	0.073273	0.03299	0.003435	6.3333	0.0876	-3.30E-04	0.003435	122.15	681920	2 (Slight)
			45	45	Shallow	0	0.075024	0.10117	0.003628	6.4098	0.13493	-0.00101	0.003628	118.21	421280	2 (Slight)
			46	46	Shallow	0	0.076416	0.036326	0.003588	6.4098	0.092411	-3.64E-04	0.003588	114.01	703870	2 (Slight)
			47	47	Shallow	0	0.15587	-0.12713	-0.00701	5.1581	0.13134	0.003833	-0.00701	58.28	280130	2 (Slight)
			48	48	Shallow	0	0.075336	0	0.003407	3.3738	0.075039	0	0.003407	117.34	814860	2 (Slight)
			49	49	Shallow	0	0.056249	0	0.002551	2.5507	0.056022	0	0.002551	159.13	1.10E+06	1 (Very Slight)
			50	50	Shallow	0	0.042708	0	-0.00193	1.9206	0.042538	0	-0.00193	207.49	4.22E+06	0 (Negligible)
			51	51	Shallow	0	0.013803	0	0.003061	3.8689	0.018369	0	0.003061	142.35	-	0 (Negligible)
			52	52	Shallow	0	0.067	0.022155	0.003151	4.5996	0.076036	-2.22E-04	0.003151	129.27	1.24E+06	2 (Slight)
			53	53	Shallow	0	0.036836	0.1482	0.005987	19.144	0.1872	-0.00166	0.005987	102.82	1274	3 (Moderate)
			54	54	Shallow	0	0.036002	0.00135	0.004108	19.144	0.033672	-1.36E-05	0.004108	109.48	-	0 (Negligible)

	55	55	Shallow	0	0.030833	0.1538	0.003793	18.914	0.181	-0.00169	0.003793	147.69	-	3 (Moderate)
	56	56	Shallow	0	0.07053	-0.13208	-0.00309	9.2301	0.0845	0.001655	-0.00309	125.02	28228	2 (Slight)
	57	57	Shallow	0	0.026254	0.10964	0.003687	11.598	0.13169	-0.00117	0.003687	122.22	-	2 (Slight)
	58	58	Shallow	0	0.020372	0.031782	0.003326	11.598	0.050421	-3.31E-04	0.003326	116.05	-	1 (Very Slight)
	59	59	Shallow	0	0.05753	0.10462	0.00347	9.5311	0.12546	-0.00106	0.00347	123.19	1281.3	2 (Slight)
	60	60	Shallow	0	0.044581	0	-0.002	1.9998	0.044452	0	-0.002	198.26	132440	0 (Negligible)
	61	61	On piles	-20.95	0.007747	0	3.52E-04	0.35004	0.007745	0	3.52E-04	1152.1	5.04E+07	0 (Negligible)
	62	62	On piles	-20.95	0.00777	0	3.50E-04	0.35004	0.007769	0	3.50E-04	1145	2.00E+07	0 (Negligible)
	63	63	On piles	-20.95	0	0	1.77E-04	0.17624	3.58E-08	0	1.77E-04	-	-	0 (Negligible)
	64	64	Shallow	0	0.001944	0	-0.0015	1.4811	0.002948	0	-0.0015	267.85	-	0 (Negligible)
	65	65	Shallow	0	0.071479	-0.0538	-0.0032	7.4373	0.071377	-0.00222	-0.0032	123.78	864.66	1 (Very Slight)
	66	66	Shallow	0	0.07095	0.12774	-0.00344	7.4371	0.15386	-0.00128	-0.00344	125.5	122710	3 (Moderate)

END_TABLE

Specific Building Damage Results - Critical Segments within Each Building

START_TABLE

Stage: Ref. Stage: Nam	Specific Bu	Specific Bu	Parameter	Critical Sut	Critical Seg	Start [m]	End [m]	Curvature	Max Slope	Max Settle [mm]	Max Tensil [%]	Min Radiu: [m]	Min Radiu: [m]	Damage Category
0 Base Mode	0	1	Max Slope	On piles	4	15.135	17.405	Hogging	1.13E-04	0.38044	0.001749	12624	-	0 (Negligible)
			Max Settle	On piles	3	2.7544	15.135	Sagging	1.06E-04	0.73289	0.002962	-	59910	0 (Negligible)
			Max Tensil	On piles	3	2.7544	15.135	Sagging	1.06E-04	0.73289	0.002962	-	59910	0 (Negligible)
			Min Radiu:	On piles	4	15.135	17.405	Hogging	1.13E-04	0.38044	0.001749	12624	-	0 (Negligible)
			Min Radiu:	On piles	3	2.7544	15.135	Sagging	1.06E-04	0.73289	0.002962	-	59910	0 (Negligible)
	0	2	Max Slope	On piles	1	2.4797	13.389	Sagging	1.35E-04	1.106	0.00107	-	105230	0 (Negligible)
			Max Settle	On piles	1	2.4797	13.389	Sagging	1.35E-04	1.106	0.00107	-	105230	0 (Negligible)
			Max Tensil	On piles	1	2.4797	13.389	Sagging	1.35E-04	1.106	0.00107	-	105230	0 (Negligible)
			Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
			Min Radiu:	On piles	1	2.4797	13.389	Sagging	1.35E-04	1.106	0.00107	-	105230	0 (Negligible)
	0	3	Max Slope	Shallow	2	9.3653	10.836	Hogging	7.27E-04	0.76957	0.017255	504.65	-	0 (Negligible)
			Max Settle	Shallow	2	9.3653	10.836	Hogging	7.27E-04	0.76957	0.017255	504.65	-	0 (Negligible)
			Max Tensil	Shallow	2	9.3653	10.836	Hogging	7.27E-04	0.76957	0.017255	504.65	-	0 (Negligible)
			Min Radiu:	Shallow	2	9.3653	10.836	Hogging	7.27E-04	0.76957	0.017255	504.65	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	9.3653	Sagging	5.01E-05	0.69595	6.16E-04	-	178750	0 (Negligible)
	0	4	Max Slope	Shallow	1	0	1.4978	Hogging	7.87E-04	0.7703	0.017119	517.83	-	0 (Negligible)
			Max Settle	Shallow	1	0	1.4978	Hogging	7.87E-04	0.7703	0.017119	517.83	-	0 (Negligible)
			Max Tensil	Shallow	1	0	1.4978	Hogging	7.87E-04	0.7703	0.017119	517.83	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	1.4978	Hogging	7.87E-04	0.7703	0.017119	517.83	-	0 (Negligible)
			Min Radiu:	Shallow	2	1.4978	3.9943	Sagging	1.63E-05	0.36096	1.39E-06	-	1.25E+07	0 (Negligible)
	0	5	Max Slope	Shallow	2	15.146	16.644	Hogging	2.92E-04	0.35785	0.007782	1140.4	-	0 (Negligible)
			Max Settle	Shallow	1	0	15.146	Sagging	5.93E-05	0.6056	0.001109	-	172910	0 (Negligible)
			Max Tensil	Shallow	2	15.146	16.644	Hogging	2.92E-04	0.35785	0.007782	1140.4	-	0 (Negligible)
			Min Radiu:	Shallow	2	15.146	16.644	Hogging	2.92E-04	0.35785	0.007782	1140.4	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	15.146	Sagging	5.93E-05	0.6056	0.001109	-	172910	0 (Negligible)
	0	6	Max Slope	Shallow	2	7.9282	9.3834	Hogging	7.38E-05	0.16236	0.00305	2850	-	0 (Negligible)
			Max Settle	Shallow	1	0	7.9282	Sagging	6.30E-05	0.49396	6.99E-04	-	176490	0 (Negligible)
			Max Tensil	Shallow	2	7.9282	9.3834	Hogging	7.38E-05	0.16236	0.00305	2850	-	0 (Negligible)
			Min Radiu:	Shallow	2	7.9282	9.3834	Hogging	7.38E-05	0.16236	0.00305	2850	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	7.9282	Sagging	6.30E-05	0.49396	6.99E-04	-	176490	0 (Negligible)
	0	7	Max Slope	Shallow	1	0	18.069	Hogging	2.75E-04	0.2623	0.001235	1533	-	0 (Negligible)
			Max Settle	Shallow	1	0	18.069	Hogging	2.75E-04	0.2623	0.001235	1533	-	0 (Negligible)
			Max Tensil	Shallow	1	0	18.069	Hogging	2.75E-04	0.2623	0.001235	1533	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	18.069	Hogging	2.75E-04	0.2623	0.001235	1533	-	0 (Negligible)
			Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
	0	8	Max Slope	Shallow	2	8.7163	10.248	Hogging	2.17E-04	0.26236	0.005683	1595.6	-	0 (Negligible)
			Max Settle	Shallow	1	0	8.7163	Sagging	3.93E-05	0.41963	4.97E-04	-	280210	0 (Negligible)
			Max Tensil	Shallow	2	8.7163	10.248	Hogging	2.17E-04	0.26236	0.005683	1595.6	-	0 (Negligible)
			Min Radiu:	Shallow	2	8.7163	10.248	Hogging	2.17E-04	0.26236	0.005683	1595.6	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	8.7163	Sagging	3.93E-05	0.41963	4.97E-04	-	280210	0 (Negligible)
	0	9	Max Slope	Shallow	2	30.022	31.517	Hogging	4.02E-04	0.43416	0.009602	922.1	-	0 (Negligible)
			Max Settle	Shallow	1	0	30.022	Sagging	3.07E-05	0.44663	6.62E-04	-	354320	0 (Negligible)
			Max Tensil	Shallow	2	30.022	31.517	Hogging	4.02E-04	0.43416	0.009602	922.1	-	0 (Negligible)
			Min Radiu:	Shallow	2	30.022	31.517	Hogging	4.02E-04	0.43416	0.009602	922.1	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	30.022	Sagging	3.07E-05	0.44663	6.62E-04	-	354320	0 (Negligible)
	0	10	Max Slope	Shallow	1	0	1.508	Hogging	4.18E-04	0.43456	0.009593	930.6	-	0 (Negligible)
			Max Settle	Shallow	1	0	1.508	Hogging	4.18E-04	0.43456	0.009593	930.6	-	0 (Negligible)
			Max Tensil	Shallow	1	0	1.508	Hogging	4.18E-04	0.43456	0.009593	930.6	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	1.508	Hogging	4.18E-04	0.43456	0.009593	930.6	-	0 (Negligible)
			Min Radiu:	Shallow	2	1.508	31.672	Sagging	1.44E-05	0.39156	4.30E-04	-	974110	0 (Negligible)
	0	11	Max Slope	Shallow	1	6.29	6.29	Sagging	2.31E-04	0.19157	3.58E-08	-	1944.1	0 (Negligible)
			Max Settle	Shallow	1	6.29	6.29	Sagging	2.31E-04	0.19157	3.58E-08	-	1944.1	0 (Negligible)
			Max Tensil	Shallow	1	6.29	6.29	Sagging	2.31E-04	0.19157	3.58E-08	-	1944.1	0 (Negligible)
			Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
			Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
	0	12	Max Slope	Shallow	3	23.69	25.201	Hogging	8.12E-04	0.82127	0.01808	494.2	-	0 (Negligible)
			Max Settle	Shallow	3	23.69	25.201	Hogging	8.12E-04	0.82127	0.01808	494.2	-	0 (Negligible)
			Max Tensil	Shallow	3	23.69	25.201	Hogging	8.12E-04	0.82127	0.01808	494.2	-	0 (Negligible)
			Min Radiu:	Shallow	3	23.69	25.201	Hogging	8.12E-04	0.82127	0.01808	494.2	-	0 (Negligible)
			Min Radiu:	Shallow	2	4.654	23.69	Sagging	3.78E-05	0.42216	8.58E-04	-	287060	0 (Negligible)
	0	13	Max Slope	Shallow	4	24.716	26.227	Hogging	8.30E-04	0.84135	0.018509	483.08	-	0 (Negligible)
			Max Settle	Shallow	4	24.716	26.227	Hogging	8.30E-04	0.84135	0.018509	483.08	-	0 (Negligible)
			Max Tensil	Shallow	4	24.716	26.227	Hogging	8.30E-04	0.84135	0.018509	483.08	-	0 (Negligible)
			Min Radiu:	Shallow	4	24.716	26.227	Hogging	8.30E-04	0.84135	0.018509	483.08	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	1.4527	Sagging	2.09E-04	0.1918	0.003957	-	2218.1	0 (Negligible)
	0	14	Max Slope	Shallow	1	0	3.437	Hogging	8.60E-04	0.84132	0.012123	457.92	-	0 (Negligible)
			Max Settle	Shallow	1	0	3.437	Hogging	8.60E-04	0.84132	0.012123	457.92	-	0 (Negligible)
			Max Tensil	Shallow	1	0	3.437	Hogging	8.60E-04	0.84132	0.012123	457.92	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	3.437	Hogging	8.60E-04	0.84132	0.012123	457.92	-	0 (Negligible)
			Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
	0	15	Max Slope	Shallow	1	0	1.4995	Hogging	6.77E-04	0.66596	0.014768	601.26	-	0 (Negligible)
			Max Settle	Shallow	1	0	1.4995	Hogging	6.77E-04	0.66596	0.014768	601.26	-	0 (Negligible)
			Max Tensil	Shallow	1	0	1.4995	Hogging	6.77E-04	0.66596	0.014768	601.26	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	1.4995	Hogging	6.77E-04	0.66596	0.014768	601.26	-	0 (Negligible)
			Min Radiu:	Shallow	2	1.4995	5.0683	Sagging	1.30E-05	0.31632	1.82E-05	-	1.62E+06	0 (Negligible)
	0	16	Max Slope	Shallow	3	20.433	21.926	Hogging	0.001007	1.0089	0.022469	393.23	-	0 (Negligible)
			Max Settle	Shallow	3	20.433	21.926	Hogging	0.001007	1.0089	0.022469	393.23	-	0 (Negligible)
			Max Tensil	Shallow	3	20.433	21.926	Hogging	0.001007	1.0089	0.022469	393.23	-	0 (Negligible)
			Min Radiu:	Shallow	3	20.433	21.926	Hogging	0.001007	1.0089	0.022469	393.23	-	0 (Negligible)
			Min Radiu:	Shallow	2	1.4893	20.433	Sagging	3.11E-05	0.53406	6.17E-04	-	261060	0 (Negligible)
	0	17	Max Slope	Shallow	3	20.972	22.468	Hogging	0.001133	1.1357	0.025246	350.7	-	0 (Negligible)
			Max Settle	Shallow	3	20.972	22.468	Hogging	0.001133	1.1357	0.025246	350.7	-	0 (Negligible)
			Max Tensil	Shallow	3	20.972	22.468	Hogging	0.001133	1.1357	0.025246	350.7	-	0 (Negligible)
			Min Radiu:	Shallow	3	20.972	22.468	Hogging	0.001133	1.1357	0.025246	350.7	-	0 (Negligible)
			Min Radiu:	Shallow	2	2.9706	20.972	Sagging	3.86E-05	0.58401	8.59E-04	-	279440	0 (Negligible)
	0	18	Max Slope	Shallow	3	11.522	13.023	Hogging	0.001139	1.1357	0.025163	352.92	-	0 (Negligible)
			Max Settle	Shallow	3	11.522	13.023	Hogging	0.001139	1.1357	0.025163	352.92	-	0 (Negligible)
			Max Tensil	Shallow	3	11.522	13.023	Hogging	0.001139	1.1357	0.025163	352.92	-	0 (Negligible)
			Min Radiu:	Shallow	3	11.522	13.023	Hogging	0.001139	1.1357	0.025163	352.92	-	0 (Negligible)
			Min Radiu:	Shallow	2	1.5028	11.522	Sagging	5.15E-06	0.56155	6.76E-06	-	1.45E+07	0 (Negligible)
	0	19	Max Slope	Shallow	1	0	14.055	Hogging	0.001196	1.0444	0.005223	381.74	-	0 (Negligible)
			Max Settle	Shallow	1	0	14.055	Hogging	0.001196	1.0444	0.005223	381.74	-	0 (Negligible)
			Max Tensil	Shallow	1	0	14.055	Hogging	0.001196	1.0444	0.005223	381.74	-	0 (Negligible)
			Min Radiu:	Shallow	1	0	14.055	Hogging	0.001196	1.0444	0.005223	381.74	-	0 (Negligible)
			Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
	0	20	Max Slope	Shallow	3	33.963	40.455	Hogging	8.85E-04	0.89311	0.006233	446.05	-	0 (Negligible)
			Max Settle	Shallow	3	33.963	40.455	Hogging	8.85E-04	0.89311	0.006233	446.05	-	0 (Negligible)
			Max Tensil	Shallow	3	33.963	40.455	Hogging	8.85E-04	0.89311	0.006233	446.05	-	0 (Negligible)
			Min Radiu:	Shallow	3	33.963	40.455	Hogging	8.85E-04	0.89311	0.006233	446.05	-	0 (Negligible)
			Min Radiu:	Shallow	2	4.1441	33.963	Sagging	5.00E-05	0.62654	0.001233	-	206880	0 (Negligible)
	0	21	Max Slope	Shallow	1	0	7.2833	Hogging	0.001145	1.0456	0.007245	378.05	-	0 (Negligible)

		Max Settle	Shallow	1	0	7.2833	Hogging	0.001145	1.0456	0.007245	378.05	-	0 (Negligible)
		Max Tensil	Shallow	1	0	7.2833	Hogging	0.001145	1.0456	0.007245	378.05	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	7.2833	Hogging	0.001145	1.0456	0.007245	378.05	-	0 (Negligible)
		Min Radiu:	Shallow	2	7.2833	34.442	Sagging	3.38E-05	0.68456	9.69E-04		-	271460 0 (Negligible)
0	22	Max Slope	Shallow	3	13.64	15.154	Hogging	9.59E-04	0.96618	0.021228	421.87	-	0 (Negligible)
		Max Settle	Shallow	3	13.64	15.154	Hogging	9.59E-04	0.96618	0.021228	421.87	-	0 (Negligible)
		Max Tensil	Shallow	3	13.64	15.154	Hogging	9.59E-04	0.96618	0.021228	421.87	-	0 (Negligible)
		Min Radiu:	Shallow	3	13.64	15.154	Hogging	9.59E-04	0.96618	0.021228	421.87	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.5154	13.64	Sagging	2.89E-06	0.48077	1.33E-05		-	1.05E+07 0 (Negligible)
0	23	Max Slope	Shallow	3	14.531	16.03	Hogging	0.001802	1.7675	0.039024	227.34	-	0 (Negligible)
		Max Settle	Shallow	3	14.531	16.03	Hogging	0.001802	1.7675	0.039024	227.34	-	0 (Negligible)
		Max Tensil	Shallow	3	14.531	16.03	Hogging	0.001802	1.7675	0.039024	227.34	-	0 (Negligible)
		Min Radiu:	Shallow	3	14.531	16.03	Hogging	0.001802	1.7675	0.039024	227.34	-	0 (Negligible)
		Min Radiu:	Shallow	2	13.053	14.531	Sagging	5.18E-05	0.8237	5.92E-05		-	153750 0 (Negligible)
0	24	Max Slope	Shallow	1	0	7.7076	Hogging	0.001494	1.4334	0.008894	279.06	-	0 (Negligible)
		Max Settle	Shallow	1	0	7.7076	Hogging	0.001494	1.4334	0.008894	279.06	-	0 (Negligible)
		Max Tensil	Shallow	3	32.142	37.163	Hogging	0.001099	1.1163	0.009904	360.85	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	7.7076	Hogging	0.001494	1.4334	0.008894	279.06	-	0 (Negligible)
		Min Radiu:	Shallow	2	7.7076	32.142	Sagging	2.11E-05	0.77711	7.57E-04		-	341990 0 (Negligible)
0	25	Max Slope	Shallow	1	0	5.5047	Hogging	0.001838	1.7693	0.014936	221.94	-	0 (Negligible)
		Max Settle	Shallow	1	0	5.5047	Hogging	0.001838	1.7693	0.014936	221.94	-	0 (Negligible)
		Max Tensil	Shallow	1	0	5.5047	Hogging	0.001838	1.7693	0.014936	221.94	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	5.5047	Hogging	0.001838	1.7693	0.014936	221.94	-	0 (Negligible)
		Min Radiu:	Shallow	2	5.5047	26.63	Sagging	1.57E-05	0.88484	6.07E-04		-	358050 0 (Negligible)
0	26	Max Slope	Shallow	3	14.472	15.968	Hogging	0.001122	1.1195	0.0249	355.27	-	0 (Negligible)
		Max Settle	Shallow	3	14.472	15.968	Hogging	0.001122	1.1195	0.0249	355.27	-	0 (Negligible)
		Max Tensil	Shallow	3	14.472	15.968	Hogging	0.001122	1.1195	0.0249	355.27	-	0 (Negligible)
		Min Radiu:	Shallow	3	14.472	15.968	Hogging	0.001122	1.1195	0.0249	355.27	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.4969	14.472	Sagging	1.02E-06	0.56404	2.67E-05		-	6.64E+06 0 (Negligible)
0	27	Max Slope	Shallow	3	7.4375	8.9229	Hogging	0.002258	2.2323	0.049974	175.91	-	0 (Negligible)
		Max Settle	Shallow	3	7.4375	8.9229	Hogging	0.002258	2.2323	0.049974	175.91	-	0 (Negligible)
		Max Tensil	Shallow	3	7.4375	8.9229	Hogging	0.002258	2.2323	0.049974	175.91	-	0 (Negligible)
		Min Radiu:	Shallow	3	7.4375	8.9229	Hogging	0.002258	2.2323	0.049974	175.91	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.487	7.4375	Sagging	1.65E-05	1.1087	1.12E-04		-	499370 0 (Negligible)
0	28	Max Slope	Shallow	1	0	1.5069	Hogging	0.002007	2.0194	0.044576	200.18	-	0 (Negligible)
		Max Settle	Shallow	1	0	1.5069	Hogging	0.002007	2.0194	0.044576	200.18	-	0 (Negligible)
		Max Tensil	Shallow	1	0	1.5069	Hogging	0.002007	2.0194	0.044576	200.18	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	1.5069	Hogging	0.002007	2.0194	0.044576	200.18	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.5069	19.601	Sagging	1.76E-05	1.0122	3.35E-04		-	549110 0 (Negligible)
0	29	Max Slope	Shallow	1	0	1.5031	Hogging	0.002245	2.2346	0.049493	179.83	-	0 (Negligible)
		Max Settle	Shallow	1	0	1.5031	Hogging	0.002245	2.2346	0.049493	179.83	-	0 (Negligible)
		Max Tensil	Shallow	1	0	1.5031	Hogging	0.002245	2.2346	0.049493	179.83	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	1.5031	Hogging	0.002245	2.2346	0.049493	179.83	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.5031	11.275	Sagging	1.94E-05	1.0935	3.66E-05		-	1.58E+06 0 (Negligible)
0	30	Max Slope	Shallow	1	0	1.5426	Hogging	0.001031	1.0568	0.022814	400.37	-	0 (Negligible)
		Max Settle	Shallow	1	0	1.5426	Hogging	0.001031	1.0568	0.022814	400.37	-	0 (Negligible)
		Max Tensil	Shallow	1	0	1.5426	Hogging	0.001031	1.0568	0.022814	400.37	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	1.5426	Hogging	0.001031	1.0568	0.022814	400.37	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.5426	6.6851	Sagging	3.68E-06	0.52381	6.83E-06		-	8.14E+06 0 (Negligible)
0	31	Max Slope	Shallow	1	0	1.5047	Hogging	0.002242	2.2481	0.049697	179.28	-	0 (Negligible)
		Max Settle	Shallow	1	0	1.5047	Hogging	0.002242	2.2481	0.049697	179.28	-	0 (Negligible)
		Max Tensil	Shallow	1	0	1.5047	Hogging	0.002242	2.2481	0.049697	179.28	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	1.5047	Hogging	0.002242	2.2481	0.049697	179.28	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.5047	19.069	Sagging	1.67E-05	1.1191	2.04E-04		-	603580 0 (Negligible)
0	32	Max Slope	Shallow	1	0	1.4903	Hogging	0.002282	2.2481	0.050234	175.68	-	1 (Very Slight)
		Max Settle	Shallow	1	0	1.4903	Hogging	0.002282	2.2481	0.050234	175.68	-	1 (Very Slight)
		Max Tensil	Shallow	1	0	1.4903	Hogging	0.002282	2.2481	0.050234	175.68	-	1 (Very Slight)
		Min Radiu:	Shallow	1	0	1.4903	Hogging	0.002282	2.2481	0.050234	175.68	-	1 (Very Slight)
		Min Radiu:	Shallow	2	1.4903	6.5828	Sagging	2.06E-05	1.0948	8.26E-06		-	3.70E+06 0 (Negligible)
0	33	Max Slope	Shallow	1	0	1.538	Hogging	0.001787	1.8249	0.0395	230.55	-	0 (Negligible)
		Max Settle	Shallow	1	0	1.538	Hogging	0.001787	1.8249	0.0395	230.55	-	0 (Negligible)
		Max Tensil	Shallow	1	0	1.538	Hogging	0.001787	1.8249	0.0395	230.55	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	1.538	Hogging	0.001787	1.8249	0.0395	230.55	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.538	7.6915	Sagging	1.07E-05	0.90059	2.99E-05		-	1.92E+06 0 (Negligible)
0	34	Max Slope	Shallow	1	0	28.174	Hogging	0.00166	1.6508	0.003577	245.33	-	0 (Negligible)
		Max Settle	Shallow	1	0	28.174	Hogging	0.00166	1.6508	0.003577	245.33	-	0 (Negligible)
		Max Tensil	Shallow	1	0	28.174	Hogging	0.00166	1.6508	0.003577	245.33	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	28.174	Hogging	0.00166	1.6508	0.003577	245.33	-	0 (Negligible)
		Min Radius of Curvati	-	-	-	-	-	-	-	-	-	-	-
0	35	Max Slope	Shallow	1	0	1.5175	Hogging	8.48E-04	0.85268	0.018715	480.17	-	0 (Negligible)
		Max Settle	Shallow	1	0	1.5175	Hogging	8.48E-04	0.85268	0.018715	480.17	-	0 (Negligible)
		Max Tensil	Shallow	1	0	1.5175	Hogging	8.48E-04	0.85268	0.018715	480.17	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	1.5175	Hogging	8.48E-04	0.85268	0.018715	480.17	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.5175	5.0586	Sagging	4.94E-06	0.4189	2.50E-07		-	3.49E+07 0 (Negligible)
0	36	Max Slope	Shallow	1	0	26.904	Hogging	0.001331	1.3104	0.002891	302.51	-	0 (Negligible)
		Max Settle	Shallow	1	0	26.904	Hogging	0.001331	1.3104	0.002891	302.51	-	0 (Negligible)
		Max Tensil	Shallow	1	0	26.904	Hogging	0.001331	1.3104	0.002891	302.51	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	26.904	Hogging	0.001331	1.3104	0.002891	302.51	-	0 (Negligible)
		Min Radius of Curvati	-	-	-	-	-	-	-	-	-	-	-
0	37	Max Slope	Shallow	1	0	21.44	Hogging	0.001327	1.3118	0.003105	303.24	-	0 (Negligible)
		Max Settle	Shallow	1	0	21.44	Hogging	0.001327	1.3118	0.003105	303.24	-	0 (Negligible)
		Max Tensil	Shallow	1	0	21.44	Hogging	0.001327	1.3118	0.003105	303.24	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	21.44	Hogging	0.001327	1.3118	0.003105	303.24	-	0 (Negligible)
		Min Radius of Curvati	-	-	-	-	-	-	-	-	-	-	-
0	38	Max Slope	Shallow	1	0	12.396	Hogging	0.001101	1.0812	0.004118	363.21	-	0 (Negligible)
		Max Settle	Shallow	1	0	12.396	Hogging	0.001101	1.0812	0.004118	363.21	-	0 (Negligible)
		Max Tensil	Shallow	1	0	12.396	Hogging	0.001101	1.0812	0.004118	363.21	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	12.396	Hogging	0.001101	1.0812	0.004118	363.21	-	0 (Negligible)
		Min Radius of Curvati	-	-	-	-	-	-	-	-	-	-	-
0	39	Max Slope	Shallow	2	1.2565	4.3206	Sagging	0.004166	23.669	0.16949		-	582.58 3 (Moderate)
		Max Settle	Shallow	1	0	1.2565	Hogging	0.00321	25.18	0.16945	110.1	-	3 (Moderate)
		Max Tensil	Shallow	2	1.2565	4.3206	Sagging	0.004166	23.669	0.16949		-	582.58 3 (Moderate)
		Min Radiu:	Shallow	1	0	1.2565	Hogging	0.00321	25.18	0.16945	110.1	-	3 (Moderate)
		Min Radiu:	Shallow	2	1.2565	4.3206	Sagging	0.004166	23.669	0.16949		-	582.58 3 (Moderate)
0	40	Max Slope	Shallow	1	0	1.4835	Hogging	0.020122	25.18	1.4307	19.973	-	4 (Severe)
		Max Settle	Shallow	1	0	1.4835	Hogging	0.020122	25.18	1.4307	19.973	-	4 (Severe)
		Max Tensil	Shallow	1	0	1.4835	Hogging	0.020122	25.18	1.4307	19.973	-	4 (Severe)
		Min Radiu:	Shallow	1	0	1.4835	Hogging	0.020122	25.18	1.4307	19.973	-	4 (Severe)
		Min Radiu:	Shallow	2	1.4835	8.2675	Sagging	0.00252	14.797	0.031802		-	1404.9 0 (Negligible)
0	41	Max Slope	Shallow	4	7.1166	8.2747	Sagging	0.008524	6.1739	0.34159		-	243.08 4 (Severe)
		Max Settle	Shallow	1	0	1.6362	Hogging	0.003464	9.3663	0.083739	119.13	-	2 (Slight)
		Max Tensil	Shallow	4	7.1166	8.2747	Sagging	0.008524	6.1739	0.34159		-	243.08 4 (Severe)
		Min Radiu:	Shallow	1	0	1.6362	Hogging	0.003464	9.3663	0.083739	119.13	-	2 (Slight)
		Min Radiu:	Shallow	4	7.1166	8.2747	Sagging	0.008524	6.1739	0.34159		-	243.08 4 (Severe)
0	42	Max Slope	Shallow	3	13.013	14.512	Hogging	0.002613	2.6275	0.057983	152.28	-	1 (Very Slight)
		Max Settle	Shallow	3	13.013	14.512	Hogging	0.002613	2.6275	0.057983	152.28	-	1 (Very Slight)
		Max Tensil	Shallow	3	13.013	14.512	Hogging	0.002613	2.6275	0.057983	152.28	-	1 (Very Slight)
		Min Radiu:	Shallow	3	13.013	14.512	Hogging	0.002613	2.6275	0.057983	152.28	-	1 (Very Slight)
		Min Radiu:	Shallow	2	1.4996	13.013	Sagging	3.46E-05	1.3611	8.90E-04		-	203720 0 (Negligible)
0	43	Max Slope	Shallow	1	0	1.5257	Hogging	0.003509	6.3333	0.13039	124.93	-	2 (Slight)
		Max Settle	Shallow	1	0	1.5257	Hogging	0.003509	6.3333	0.13039	124.93	-	2 (Slight)
		Max Tensil	Shallow	1	0	1.5257	Hogging	0.003509	6.3333	0.13039	124.93	-	2 (Slight)
		Min Radiu:	Shallow	1	0	1.5257	Hogging	0.003509	6.3333	0.13039	124.93	-	2 (Slight)
		Min Radiu:	Shallow	2	1.5257	4.5794	Sagging	2.55E-04	4.2926	0.088514		-	487790 2 (Slight)
0	44	Max Slope	Shallow	1	0	1.5098	Hogging	0.003435	6.3333	0.0876	122.15	-	2 (Slight)
		Max Settle	Shallow	1	0	1.5098	Hogging	0.003435	6.3333	0.0876	122.15	-	2 (Slight)
		Max Tensil	Shallow	1	0	1.5098	Hogging	0.003435	6.3333	0.0876	122.15	-	2 (Slight)
		Min Radiu:	Shallow	1	0	1.5098	Hogging	0.003435	6.3333	0.0876	122.15	-	2 (Slight)
		Min Radiu:	Shallow	2	1.5098	3.5244	Sagging	1.41E-04	4.4649	0.032979		-	681920 0 (Negligible)
0	45	Max Slope	Shallow	1	0	1.4951	Hogging	0.003628	6.4098	0.13493	118.21	-	2 (Slight)
		Max Settle	Shallow	1	0	1.4951	Hogging	0.003628	6.4098	0.13493	118.21	-	2 (Slight)
		Max Tensil	Shallow	1	0	1.4951	Hogging	0.003628	6.4098	0.13493	118.21	-	2 (Slight)

		Min Radiu:	Shallow	1	0	1.4951	Hogging	0.003628	6.4098	0.13493	118.21	-	2 (Slight)
		Min Radiu:	Shallow	2	1.4951	1.4965	Sagging	2.53E-04	4.349	0.10112		-	421280 2 (Slight)
0	46	Max Slope	Shallow	1	0	1.4696	Hogging	0.003588	6.4098	0.092411	114.01	-	2 (Slight)
		Max Settle	Shallow	1	0	1.4696	Hogging	0.003588	6.4098	0.092411	114.01	-	2 (Slight)
		Max Tensil	Shallow	1	0	1.4696	Hogging	0.003588	6.4098	0.092411	114.01	-	2 (Slight)
		Min Radiu:	Shallow	1	0	1.4696	Hogging	0.003588	6.4098	0.092411	114.01	-	2 (Slight)
		Min Radiu:	Shallow	2	1.4696	5.8804	Sagging	1.55E-04	4.5054	0.03639		-	703870 0 (Negligible)
0	47	Max Slope	Shallow	3	4.627	6.1679	Hogging	0.007013	5.1581	0.13134	58.28	-	2 (Slight)
		Max Settle	Shallow	3	4.627	6.1679	Hogging	0.007013	5.1581	0.13134	58.28	-	2 (Slight)
		Max Tensil	Shallow	3	4.627	6.1679	Hogging	0.007013	5.1581	0.13134	58.28	-	2 (Slight)
		Min Radiu:	Shallow	3	4.627	6.1679	Hogging	0.007013	5.1581	0.13134	58.28	-	2 (Slight)
		Min Radiu:	Shallow	2	1.5411	4.627	Sagging	2.58E-05	1.666	1.02E-04		-	280130 0 (Negligible)
0	48	Max Slope	Shallow	1	0	1.4918	Hogging	0.003407	3.3738	0.075039	117.34	-	2 (Slight)
		Max Settle	Shallow	1	0	1.4918	Hogging	0.003407	3.3738	0.075039	117.34	-	2 (Slight)
		Max Tensil	Shallow	1	0	1.4918	Hogging	0.003407	3.3738	0.075039	117.34	-	2 (Slight)
		Min Radiu:	Shallow	1	0	1.4918	Hogging	0.003407	3.3738	0.075039	117.34	-	2 (Slight)
		Min Radiu:	Shallow	2	1.4918	16.911	Sagging	2.51E-05	1.6628	1.44E-04		-	814860 0 (Negligible)
0	49	Max Slope	Shallow	1	0	1.5105	Hogging	0.002551	2.5507	0.056022	159.13	-	1 (Very Slight)
		Max Settle	Shallow	1	0	1.5105	Hogging	0.002551	2.5507	0.056022	159.13	-	1 (Very Slight)
		Max Tensil	Shallow	1	0	1.5105	Hogging	0.002551	2.5507	0.056022	159.13	-	1 (Very Slight)
		Min Radiu:	Shallow	1	0	1.5105	Hogging	0.002551	2.5507	0.056022	159.13	-	1 (Very Slight)
		Min Radiu:	Shallow	2	1.5105	8.8132	Sagging	2.31E-05	1.246	4.87E-05		-	1.10E+06 0 (Negligible)
0	50	Max Slope	Shallow	5	24.975	26.472	Hogging	0.001933	1.9206	0.042538	207.49	-	0 (Negligible)
		Max Settle	Shallow	5	24.975	26.472	Hogging	0.001933	1.9206	0.042538	207.49	-	0 (Negligible)
		Max Tensil	Shallow	5	24.975	26.472	Hogging	0.001933	1.9206	0.042538	207.49	-	0 (Negligible)
		Min Radiu:	Shallow	5	24.975	26.472	Hogging	0.001933	1.9206	0.042538	207.49	-	0 (Negligible)
		Min Radiu:	Shallow	4	6.4934	24.975	Sagging	1.07E-05	0.9486	3.63E-05		-	4.22E+06 0 (Negligible)
0	51	Max Slope	Shallow	1	0	14.005	Hogging	0.003061	3.8689	0.018369	142.35	-	0 (Negligible)
		Max Settle	Shallow	1	0	14.005	Hogging	0.003061	3.8689	0.018369	142.35	-	0 (Negligible)
		Max Tensil	Shallow	1	0	14.005	Hogging	0.003061	3.8689	0.018369	142.35	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	14.005	Hogging	0.003061	3.8689	0.018369	142.35	-	0 (Negligible)
		Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
0	52	Max Slope	Shallow	1	0	1.4613	Hogging	0.003151	4.5996	0.076036	129.27	-	2 (Slight)
		Max Settle	Shallow	1	0	1.4613	Hogging	0.003151	4.5996	0.076036	129.27	-	2 (Slight)
		Max Tensil	Shallow	1	0	1.4613	Hogging	0.003151	4.5996	0.076036	129.27	-	2 (Slight)
		Min Radiu:	Shallow	1	0	1.4613	Hogging	0.003151	4.5996	0.076036	129.27	-	2 (Slight)
		Min Radiu:	Shallow	2	1.4613	3.4104	Sagging	1.38E-04	2.9317	0.00498		-	1.24E+06 0 (Negligible)
0	53	Max Slope	Shallow	1	0	11.221	Hogging	0.005987	19.144	0.1872	102.82	-	3 (Moderate)
		Max Settle	Shallow	1	0	11.221	Hogging	0.005987	19.144	0.1872	102.82	-	3 (Moderate)
		Max Tensil	Shallow	1	0	11.221	Hogging	0.005987	19.144	0.1872	102.82	-	3 (Moderate)
		Min Radiu:	Shallow	1	0	11.221	Hogging	0.005987	19.144	0.1872	102.82	-	3 (Moderate)
		Min Radiu:	Shallow	2	11.221	13.73	Sagging	0.001761	6.9975	0.13874		-	1274 2 (Slight)
0	54	Max Slope	Shallow	1	0	8.0509	Hogging	0.004108	19.144	0.033672	109.48	-	0 (Negligible)
		Max Settle	Shallow	1	0	8.0509	Hogging	0.004108	19.144	0.033672	109.48	-	0 (Negligible)
		Max Tensil	Shallow	1	0	8.0509	Hogging	0.004108	19.144	0.033672	109.48	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	8.0509	Hogging	0.004108	19.144	0.033672	109.48	-	0 (Negligible)
		Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
0	55	Max Slope	Shallow	1	0	8.8493	Hogging	0.003793	18.914	0.181	147.69	-	3 (Moderate)
		Max Settle	Shallow	1	0	8.8493	Hogging	0.003793	18.914	0.181	147.69	-	3 (Moderate)
		Max Tensil	Shallow	1	0	8.8493	Hogging	0.003793	18.914	0.181	147.69	-	3 (Moderate)
		Min Radiu:	Shallow	1	0	8.8493	Hogging	0.003793	18.914	0.181	147.69	-	3 (Moderate)
		Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
0	56	Max Slope	Shallow	7	23.357	24.846	Hogging	0.003089	8.7078	0.0845	125.02	-	2 (Slight)
		Max Settle	Shallow	1	0	2.1873	Hogging	0.002512	9.2301	0.045078	153.3	-	0 (Negligible)
		Max Tensil	Shallow	7	23.357	24.846	Hogging	0.003089	8.7078	0.0845	125.02	-	2 (Slight)
		Min Radiu:	Shallow	7	23.357	24.846	Hogging	0.003089	8.7078	0.0845	125.02	-	2 (Slight)
		Min Radiu:	Shallow	2	2.1873	9.2154	Sagging	9.40E-05	8.3548	0.002765		-	28228 0 (Negligible)
0	57	Max Slope	Shallow	1	0	8.3382	Hogging	0.003687	11.598	0.13169	122.22	-	2 (Slight)
		Max Settle	Shallow	1	0	8.3382	Hogging	0.003687	11.598	0.13169	122.22	-	2 (Slight)
		Max Tensil	Shallow	1	0	8.3382	Hogging	0.003687	11.598	0.13169	122.22	-	2 (Slight)
		Min Radiu:	Shallow	1	0	8.3382	Hogging	0.003687	11.598	0.13169	122.22	-	2 (Slight)
		Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
0	58	Max Slope	Shallow	1	0	9.2598	Hogging	0.003326	11.598	0.050421	116.05	-	1 (Very Slight)
		Max Settle	Shallow	1	0	9.2598	Hogging	0.003326	11.598	0.050421	116.05	-	1 (Very Slight)
		Max Tensil	Shallow	1	0	9.2598	Hogging	0.003326	11.598	0.050421	116.05	-	1 (Very Slight)
		Min Radiu:	Shallow	1	0	9.2598	Hogging	0.003326	11.598	0.050421	116.05	-	1 (Very Slight)
		Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
0	59	Max Slope	Shallow	1	0	2.2034	Hogging	0.00347	9.5311	0.12546	123.19	-	2 (Slight)
		Max Settle	Shallow	1	0	2.2034	Hogging	0.00347	9.5311	0.12546	123.19	-	2 (Slight)
		Max Tensil	Shallow	1	0	2.2034	Hogging	0.00347	9.5311	0.12546	123.19	-	2 (Slight)
		Min Radiu:	Shallow	1	0	2.2034	Hogging	0.00347	9.5311	0.12546	123.19	-	2 (Slight)
		Min Radiu:	Shallow	2	2.2034	4.7755	Sagging	0.001736	7.4714	0.1091		-	1281.3 2 (Slight)
0	60	Max Slope	Shallow	5	40.855	42.348	Hogging	0.002004	1.9998	0.044452	198.26	-	0 (Negligible)
		Max Settle	Shallow	5	40.855	42.348	Hogging	0.002004	1.9998	0.044452	198.26	-	0 (Negligible)
		Max Tensil	Shallow	5	40.855	42.348	Hogging	0.002004	1.9998	0.044452	198.26	-	0 (Negligible)
		Min Radiu:	Shallow	5	40.855	42.348	Hogging	0.002004	1.9998	0.044452	198.26	-	0 (Negligible)
		Min Radiu:	Shallow	2	1.956	29.498	Sagging	4.99E-05	1.2434	9.02E-04		-	132440 0 (Negligible)
0	61	Max Slope	On piles	1	0	1.506	Hogging	3.52E-04	0.35004	0.007745	1152.1	-	0 (Negligible)
		Max Settle	On piles	1	0	1.506	Hogging	3.52E-04	0.35004	0.007745	1152.1	-	0 (Negligible)
		Max Tensil	On piles	1	0	1.506	Hogging	3.52E-04	0.35004	0.007745	1152.1	-	0 (Negligible)
		Min Radiu:	On piles	1	0	1.506	Hogging	3.52E-04	0.35004	0.007745	1152.1	-	0 (Negligible)
		Min Radiu:	On piles	2	1.506	3.2632	Sagging	3.11E-06	0.17043	4.65E-07		-	5.04E+07 0 (Negligible)
0	62	Max Slope	On piles	1	0	1.5014	Hogging	3.50E-04	0.35004	0.007769	1145	-	0 (Negligible)
		Max Settle	On piles	1	0	1.5014	Hogging	3.50E-04	0.35004	0.007769	1145	-	0 (Negligible)
		Max Tensil	On piles	1	0	1.5014	Hogging	3.50E-04	0.35004	0.007769	1145	-	0 (Negligible)
		Min Radiu:	On piles	1	0	1.5014	Hogging	3.50E-04	0.35004	0.007769	1145	-	0 (Negligible)
		Min Radiu:	On piles	2	1.5014	39.539	Sagging	1.34E-06	0.17496	2.32E-05		-	2.00E+07 0 (Negligible)
0	63	Max Slope	On piles	1	0	0	Sagging	1.77E-04	0.17624	3.58E-08		-	2293 0 (Negligible)
		Max Settle	On piles	1	0	0	Sagging	1.77E-04	0.17624	3.58E-08		-	2293 0 (Negligible)
		Max Tensil	On piles	1	0	0	Sagging	1.77E-04	0.17624	3.58E-08		-	2293 0 (Negligible)
		Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
		Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
0	64	Max Slope	Shallow	1	0	37.378	Hogging	0.0015	1.4811	0.002948	267.85	-	0 (Negligible)
		Max Settle	Shallow	1	0	37.378	Hogging	0.0015	1.4811	0.002948	267.85	-	0 (Negligible)
		Max Tensil	Shallow	1	0	37.378	Hogging	0.0015	1.4811	0.002948	267.85	-	0 (Negligible)
		Min Radiu:	Shallow	1	0	37.378	Hogging	0.0015	1.4811	0.002948	267.85	-	0 (Negligible)
		Min Radius of Curvati		-	-	-	-	-	-	-	-	-	-
0	65	Max Slope	Shallow	13	77.798	79.293	Hogging	0.003203	7.4373	0.071377	123.78	-	1 (Very Slight)
		Max Settle	Shallow	13	77.798	79.293	Hogging	0.003203	7.4373	0.071377	123.78	-	1 (Very Slight)
		Max Tensil	Shallow	13	77.798	79.293	Hogging	0.003203	7.4373	0.071377	123.78	-	1 (Very Slight)
		Min Radiu:	Shallow	13	77.798	79.293	Hogging	0.003203	7.4373	0.071377	123.78	-	1 (Very Slight)
		Min Radiu:	Shallow	4	20.55	21.687	Sagging	0.001591	4.5752	0.060078		-	864.66 1 (Very Slight)
0	66	Max Slope	Shallow	3	36.091	37.591	Hogging	0.003435	7.4371	0.15386	125.5	-	3 (Moderate)
		Max Settle	Shallow	3	36.091	37.591	Hogging	0.003435	7.4371	0.15386	125.5	-	3 (Moderate)
		Max Tensil	Shallow	3	36.091	37.591	Hogging	0.003435	7.4371	0.15386	125.5	-	3 (Moderate)
		Min Radiu:	Shallow	3	36.091	37.591	Hogging	0.003435	7.4371	0.15386	125.5	-	3 (Moderate)
		Min Radiu:	Shallow	2	23.057	36.091	Sagging	2.85E-04	5.4747	0.085372		-	122710 2 (Slight)

END_TABLE

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