



Geotechnical Testing Analysis Report



environmental +
claims mgmt +
subsidence +
drainage +



Summary Of Claim Details

Policy Holder	Unknown
Risk Address	Unknown
SI Date	14/05/2019
Issue Date	14/05/2019
Report Date	29/05/2019
Auger Reference	
Insurance Company	Zurich
LA Claim Reference	
LA Co. Reference	Sedgwick International UK

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	Checked	29/05/2019	Wayne Honey	
	Approved	29/05/2019	Ben Sharp	



SUMMARY OF SOIL CLASSIFICATION TESTS

Desiccation in clay soils (Heave Potential)

BRE Information Paper Digest 412 cl/sFb (A3s) February 1996

Single result

1

Depth Range (m)	Equilibrium Suction Profile (pK)	Measured Suction (pK)	Excess Suction (kPa)	Equilibrium Mean Effective Stress (pf)	Plasticity Index (%)	Estimate (k)	Layer Thickness (mm)	Average Excess Suction (kPa)	Mean Effective Stress (pf)	Layer Water Deficiency	Cumulative Water Deficiency	Heave Potential (mm)
0.92	50.49	3600.00	3549.51	38	41	0.063349	920	3549.5	38	227.7	227.7	57
1.42	67.90											
1.92	80.17	5580.00	5499.83	60	49	0.081953	500	5499.8	60	104.8	104.8	26
2.42	92.44											
2.92	104.70	3580.00	3475.30	79	40	0.061023	500	3475.3	79	64.7	64.7	16

Single result

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Single result

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Testing on behalf of

