

Engineering Log Cored Borehole

Project No:









mE:
mN:
R.L surface:
Datum:

Borehole no:
ROB100A
Sheet **6** of **6**

Project: **PHIES STA I** Hole commenced: **31 Jan 20** Completed:
Borehole location: **ROWALLAN** Supervised by: Checked by:

Drill model and mounting: **KL 800 Track Mounted** Fluid: **H2O** Company: **TDS**
Barrel type and length: **HQ 3 4 m barrel** Bearing: **Vertical** Slope: Driller: **A. Puke**

Method/c-lift	Water	R.L depth (m)	Graphic log core loss	Rock descriptions: ROCK NAME, grain size and type, colour, texture (porphyritic, amorphous, glassy) and fabric (distinct/indistinct bedding, lamination, foliation, cleavage), inclusions or minor components, moisture content, durability	Weathering	Strength	Defect spacing (mm)	RQD %	Rock mass descriptions (vertical) and significant defect descriptions (horizontal): defect type, orientation relative to core axis, shape, roughness, coating, aperture or thickness and composition
RT TT HG		301	Q G EOM	Quartzite - Centid EOM 300.5m Rod string snapped @ 241.5m.	FR A			87 100	300.10 Parting Bedrock Curved - undulating, smooth, clear.

KEY Method SO sonic drilling AD auger drilling HFA hollow flight auger RR roller/tricone W _{size} washbore DC _{size} diamond drilling	Case-lift  casing used  barrel withdrawn  6 May 20 water level, date shown  water inflow  partial drilling water loss  complete drilling water loss	Graphic log/ core loss  core recovered (hatching indicates material)  no core recovered (NCR) Grain size (mm) fine medium coarse 0.06 to 0.2 0.2 to 0.6 0.6 to 2 mainly <0.06 0.06 to 2 mainly >2 SED IG/META	Weathering RS Residual soil DW { XW Extremely weathered HW Highly weathered MW Moderately weathered SW Slightly weathered Fr Fresh DW = distinctly weathered	Rock material strength [Is(50) in MPa] VL Very low [0.3 to 0.1] L Low [0.1 to 0.3] M Medium [0.3 to 1] H High [1 to 3] VH Very high [3 to 10] EH Extremely high [10+] x Point Load Test
--	--	--	--	---