

Laboratory Services Group

Client: Stantec Consulting Services Inc
Project No.: N4255088
Project Name: GAL-SR 160-14.33 Landslide (PID 118701)
Date: 07/17/25

Boring	Run No.	Depth	Description	Distance Between Platens (mm) (D)	Core Width (mm) AXIAL TEST ONLY	Corrected Dia. (mm) AXIAL TEST ONLY (D _c)	Load (lbs.)	Load (N)	Point Load Index (I _s)	^a Size Corrected Point Load Index I _{s(50)}	^b Estimated Compressive Strength (Mpa)	^b Estimated Compressive Strength (psi)	Orientation
B-004-1-25	4	25.5'	CLAYSTONE	50.749			32.90	146.346	0.057	0.057	1.4	202	Diametral
B-005-0-25	7	35.5'	SHALE	51.029			24.10	107.202	0.041	0.042	1.0	148	Diametral
B-006-0-25	5	32.0'	SHALE	50.749			12.200	54.268	0.021	0.021	0.5	75	Diametral

Orientation of applied point load: Diametral

- a Point load is corrected to assume a specimen diameter of 50 mm.
- b Estimated compressive strength is determined by multipliing the uncorrected point load index by the strength corversion factor of 24.5.