


Proposed Waste Water Disposal Facility	CLIENT: YTG Community Services	PROJECT NO. - TESTPIT NO.
Lagoon Site	EXCAVATOR: Linkbelt 210C	704-ENVH2O03089-01 TP14-01
Ross River, YT	6874458N; 632684E; Zone 8	ELEVATION: 696.7 m

SAMPLE TYPE	<input type="checkbox"/> DISTURBED	<input type="checkbox"/> NO RECOVERY	<input type="checkbox"/> SPT	<input type="checkbox"/> A-CASING	<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> CORE
BACKFILL TYPE	<input type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND

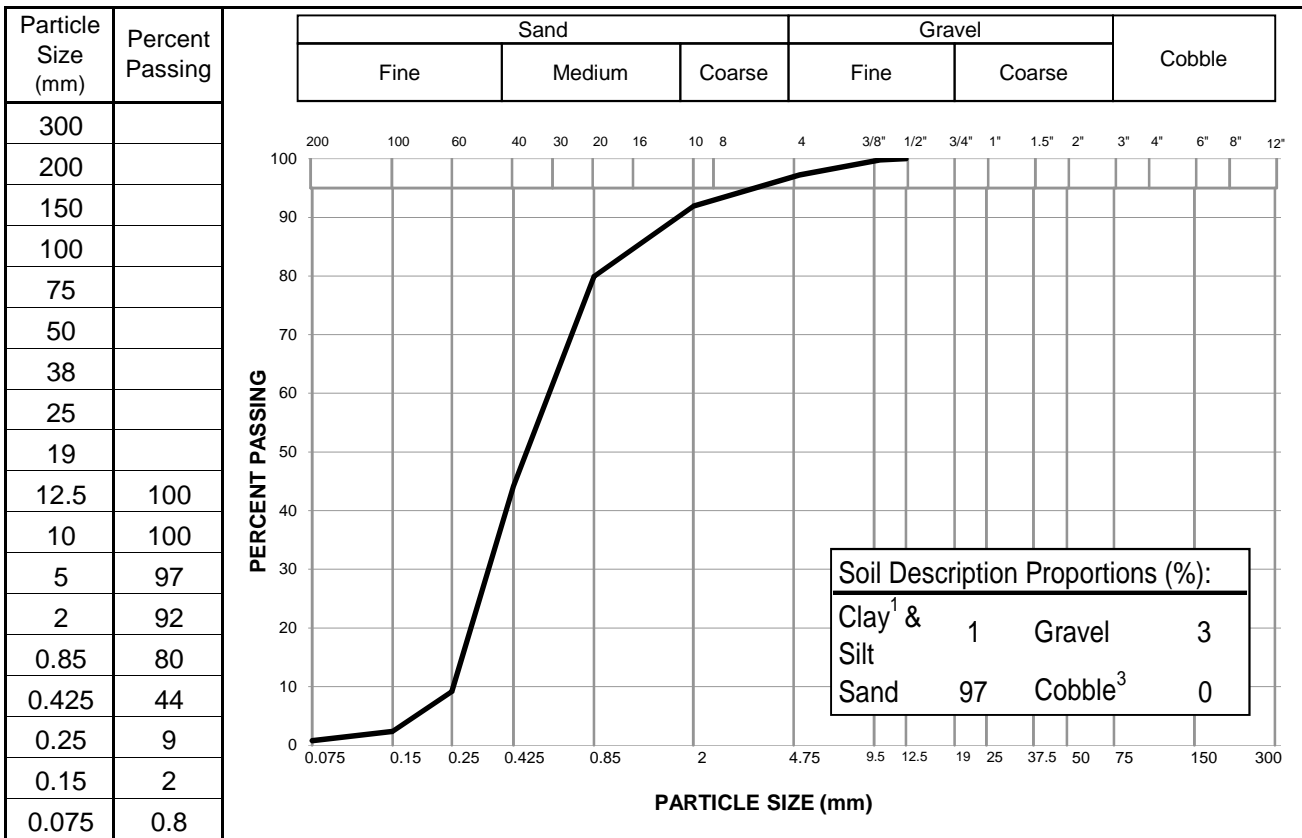
Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND COMMENTS	BULK DENSITY (kg/m ³)		CLAY (%)		SILT (%)		SAND (%)		Elevation (m)
					1400	1600	1800	2000	20	40	60	80	
0	ORGANICS - grass, rootlets, soil seasonally frozen, dark brown. SAND - trace gravel, trace silt, compact, medium to coarse grained, moist, grey.			FROZEN UNFROZEN									
			G1										696.0
1	GRAVEL - sandy, trace silt, compact subrounded particles, well graded, damp to moist, grey, trace to some cobbles, trace boulders.		G2										
			G3										695.0
2			G4										694.0
3			G5										693.0
4	SILT - some clay, trace sand, firm, moist to wet, grey.												
	END of TESTPIT @ 4.5 m.												692.0
5													

	LOGGED BY: CPC	COMPLETION DEPTH: 4.3m
	REVIEWED BY: CPC	COMPLETE: 14/10/24
	DRAWING NO:	Page 1 of 1

PARTICLE SIZE ANALYSIS REPORT

ASTM D422, C136 & C117

Project:	Ross River WWDF Geotech. Assess.	Sample No.:	G1
Project No.:	ENVH2O03089-01	Material Type:	
Site:	Lagoon Site	Sample Loc.:	TP14-01
Client:	YTG - Community Infrastructure Branch	Sample Depth:	0.5 - 0.6 m
Client Rep.:	Jack Bowers	Sampling Method:	Grab
Date Tested:	December 4, 2014	By:	AMT
		Date sampled:	November 27, 2014
Soil Description ² :	SAND - trace gravel, trace silt	Sampled By:	CPC
		USC Classification:	Cu: 2.4 Cc: 0.8
Moisture Content:	4.2%		



Notes: ¹ The upper clay size of 2 um, per the Canadian Foundation Engineering Manual
² The description is visually based & subject to EBA description protocols
³ If cobbles are present, sampling procedure may not meet ASTM C702 & D75

Specification: _____

Remarks: _____

Reviewed By: P.Eng.

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