

Source Detail

AIMS

Selection Criteria: Cook Creek (0099)

Cook Creek

Source ID	0099	File Num	39100-20-Cook Cr	UTM Zone	10
Type	Gravel Pit	Service Area	3: North Island	UTM Easting	372800
Licensed	No	Tenure Status	Section 16	UTM Northing	5477600
Hectares	5.3	Dev Status	Active	NTS Map Num	92 F 7

Location Approximately 1.5 kms north of Cook Creek Road, adjacent to and east of Highway#19. Access is from Cook Creek Rd.

Comments Previous testing mined out by VIHP, requires evaluation to confirm remaining quantity. This pit is operationally more convenient to Hwy 19 than Cook Creek South.

Geotech Information (by Source Area)

A	Gravel	58	Degradation	74	Microdev - Coarse	Spec. Gravity - Coarse
	Sand	47	Sand Equiv	65	Microdev - Fine	Spec. Gravity - Fine
	Fines	5	MgSO4 - Coarse	0	Microdev - Avg	Absorption - Coarse
	Oversize	0	MgSO4 - Fine	0	Petrographic Num	Absorption - Fine

Legal Land Description

	Description
PIN	Unsurveyed portion of DL 87 E&N, Plan 1871, Newcastle L.D.
File Num	0311956
Reserve Num	81100
Property File	R1957

Development Information

Pit Dev Plan Month/Year	Jan 2018	Dev Comments	
Update Required	No	Dev History	Used for VIHP, detailed history unknown
Last Evaluated Month/Year	Jul 1989	Constraints	
		FN Consult	

Material Quantities

Area	Proven	Potential	Approved Usage
A	50,000	40,000	25WGB, BEF, MAMA

Current Aggregate Inventory

Exploration History

Month/Year	Completed by	Details
Jul 1989	MoT	6 Becker Drill holes were completed to depths ranging from 9.1metres to 16.5 metres.

Site Surveys

Month/Year	Type
Mar 2009	DEM (ortho)
Apr 1994	DEM (survey)

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Cook Creek**Summary Information**

Comments	Previous testing mined out by VIHP, requires evaluation to confirm remaining quantity. This pit is operationally more convenient to Hwy 19 than Cook Creek South.
Site Reclamation	Topsoil and overburden should be stockpiled separately and seeded to prevent erosion, these stockpiles are to be used for final pit reclamation. All interim sloping is to be left at 1 1/2H to 1V. Final sloping shall be 2H to 1V All reclamation works shall be in accordance with Ministry of Mines regulations and MoT Reclamation and Environmental Protection Handbook for Sand, Gravel and Quarry Operations in British Columbia.
Geology/ Geomorphology	Deltaic deposit