

Source Detail

AIMS

Selection Criteria: Pierce Creek (0244)

Pierce Creek

Source ID	0244	File Num	39100-20-Pierce Cr	UTM Zone	10
Type	Gravel Pit	Service Area	7: Fraser Valley	UTM Easting	599000
Licensed	Yes	Tenure Status	Section 16	UTM Northing	5438800
Hectares	10.32	Dev Status	Active	NTS Map Num	92H/4
Location	25.2 km east of Vedder Crossing on and south of Chilliwack Lake Road. 1.3 km west of Chilliwack River Bridge and south of Chilliwack Lake Road.				
Comments	PDP 2014. Pit last evaluated 2013. Requires no staking update to include all expansion areas.				

Geotech Information (by Source Area)

A	Gravel	57	Degradation		Microdev - Coarse	14	Spec. Gravity - Coarse	2.620
	Sand	41	Sand Equiv	32	Microdev - Fine	14	Spec. Gravity - Fine	2.530
	Fines	2	MgSO4 - Coarse	1	Microdev - Avg		Absorption - Coarse	0.9
	Oversize	13	MgSO4 - Fine	13	Petrographic Num		Absorption - Fine	3.0

Legal Land Description

	Description
PIN	That parcel or tract of land in the vicinity of District Lot 527, YDYD
File Num	0349872
Reserve Num	R122022
Property File	R-1961
	Expires March 22, 2022. Access is now included in tenure

Development Information

Pit Dev Plan Month/Year	Jun 2014	Dev Comments	If an extension to the NE is obtained, then allowances for an existing water line will have to be made. Approximately 15% of the rock is greater than 75mm
Update Required	No	Dev History	Preliminary testing dates back to 1978. The pit has been used extensively since then for construction and maintenance of the Chilliwack Lake Road. 1974- 5,000m3 of 25mm HFSA, November 2002- 10,000m3 25mm HFSA
Last Evaluated Month/Year	Jun 2013	Constraints	
		FN Consult	AIA completed May 2000. No archaeological or heritage resources were located.

Material Quantities

Area	Proven	Potential	Approved Usage
A	342,000	318,750	25WGB, 50WGB, 75WGB, MAMA

Current Aggregate Inventory

Material	Volume
25WGB 19/25mm well graded base	-929
PIT pit-run granular aggregate	-3,200

Exploration History

Month/Year	Completed by	Details
Feb 1996	MoT	16 test pits were completed to an average depth of 5m
Aug 2013	MoT	15 test pits were completed to an average depth of 6m
Feb 1978	MoT	5 backhoe test pits were completed to an average 3m depth

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Site Surveys

Month/Year	Type
Feb 1978	Other
Feb 1978	DEM (survey)
Jul 2013	DEM (ortho)

Summary Information

Comments	PDP 2014. Pit last evaluated 2013. Requires no staking update to include all expansion areas.
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	Part of a large glacio-fluvial outwash deposit. The area is relatively flat consisting of clean gravels and sands with minor lenses of silt, silty sands and gravels.