

Source Detail

AIMS

Selection Criteria: Source: Cluxewe Delta (6009)

Cluxewe Delta

Source ID	6009	File Num	39100-20-Cluxewe	UTM Zone	9
Type	Gravel Pit	Service Area	3: North Island	UTM Easting	632700
Licensed	Yes	Tenure Status	Section 16	UTM Northing	5603500
Hectares	15.1	Dev Status	Active	NTS Map Num	92 L 11
Location	Approximately 4.5 kms. west of Port McNeill via Highway #19, then 0.4 kms. south on the West Main logging road.				
Comments	Area was downsized from the original test area (31.5ha) after concerns expressed by Western Forest Products and MoF. Once the southern portion has been excavated and reclaimed, we will apply to amend the reserve boundaries to include the northern portion of the test area. This amendment was applied for as part of Treaty Discussions. Follow up to ensure that the tenure has been put in place. Additional coarse gravel potential to the west/northwest of the reserve boundary.				

Geotech Information (by Source Area)

Area	Gravel	Sand	Fines	Oversize	Degradation	Sand Equiv	MgSO4 - Coarse	MgSO4 - Fine	Microdev - Coarse	Microdev - Fine	Microdev - Avg	Petrographic Num	Spec. Gravity - Coarse	Spec. Gravity - Fine	Absorption - Coarse	Absorption - Fine
A	61	38	1	5			1	4	6	8	7		2.870	2.720	0.9	1.9
B	44	54	2	4			0	0								

Legal Land Description

	Description
PIN	Part of SE 1/4 of Sec 10 and part of the SW 1/4 of Sec 11, Tp 2, Rupert L.D.
File Num	1407019
Reserve Num	
Property File	R6798

Development Information

Pit Dev Plan Month/Year	Aug 2017	Dev Comments	The coarser material tends to be in the south and west portions of the property.
Update Required	No	Dev History	Initially developed and used for the Misty Lake project. Good crushable material. Confidence level- HIGH
Last Evaluated Month/Year	Jun 2017	Constraints	
		FN Consult	Namgi Treaty negotiations ongoing (Sept 27, 2007). Reserve was to be expanded as part of the negotiations as consideration for other BCMoTI areas that were released.

Material Quantities

Area	Proven	Potential	Approved Usage
A	225,000	800,000	25WGB, MAMA
B	165,000	330,000	SGSB

Current Aggregate Inventory

Material	Volume
GSA graded seal aggregate - class A	1,000
PIT pit-run granular aggregate	-23,748

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Exploration History

Month/Year	Completed by	Details
Jul 1989	MoT	15 test pits were excavated to an average depth of 5.0 metres.
Mar 1989	MoT	Geophysics consisting of resistivity and electrical soundings
Aug 1998	MoT	31 test pits were excavated to an average depth of 6.0 metres.
Jun 2017	MoTI	8 test pits were excavated to an average depth of 6.0 meters

Site Surveys

Month/Year	Type
Mar 2009	DEM (ortho)
Sep 1998	Other
Jan 2003	DEM (ortho)
Sep 1998	Other

Summary Information

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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 11/2H 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. Salt shed is impacting the site and a full contaminated site investigation will be required.
Geology/ Geomorphology	River Delta formed by the Cluxewe River