

Source Detail

AIMS

Selection Criteria: Telegraph (0002)

Telegraph

Source ID	0002	File Num	39100-20-01-Telegraph	UTM Zone	10
Type	Gravel Pit	Service Area	1: South Island	UTM Easting	459600
Licensed	Yes	Tenure Status	Section 16	UTM Northing	5391100
Hectares	17	Dev Status	Active	NTS Map Num	92 B 12

Location East of Trans Canada Highway #1 at Kilimalu Road and North on Telegraph Road to Pemberton Road.

Comments PDP 2015. Pit last evaluated 2005, 25 Test Pits.
 Adjacent to residential area. Resident's concerned about effects to water quality, noise, traffic, etc. Baseline water quality established in July 2000 prior to VIHP- Kilimalu to Cobble Hill Road Project. Please consult with the DHM, South Island District prior to use.
 Salt shed and trap constructed in August 2000.

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	51	45	4	5	60	60	3	7	19	16			2.860	2.790	0.7	1.2
B	34	64	2	5	77	71										

Legal Land Description

	Description
PIN	0095010
File Num	1405405
Reserve Num	891078
Property File	R356

Development Information

Pit Dev Plan Month/Year	May 2015	Dev Comments	The ridge on the east side of the pit should be excavated first, down to the level of the existing pit floor. Overburden and till material should be stockpiled at the base of the ridge along the eastern boundary and retained for reclamation.
Update Required	No	Dev History	Pit was used for the Kilimalu to Cobble Hill Road section of VIHP in 2000/01. Produced base course and paving aggregate. Reject material from crushing was also utilized for SGSB. Material becomes sandier with depth.
Last Evaluated Month/Year	Oct 2005	Constraints	
		FN Consult	

Material Quantities

Area	Proven	Potential	Approved Usage
A	500,000	500,000	25WGB, MAMA
B	50,000	140,000	25WGB, UCLGM

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Current Aggregate Inventory

Material		Volume
25WGB	19/25mm well graded base	-1,000
PIT	pit-run granular aggregate	-62,998
RJS	reject sand	5,000

Exploration History

Month/Year	Completed by	Details
Feb 1989	MoT	35 Testholes - Becker Hammer Drill with depths ranging from 1.8 m to 16.5 m
Jun 1999	MoT	35 Test Pits - Excavator with depths ranging from 2.0 m to 5.5 m
Oct 2005	Outwash Enterprise (Consultant)	25 Test Pits - Excavator with depths ranging from 5.0 m to 7.5 m

Site Surveys

Month/Year	Type
Oct 2003	DEM (ortho)
Jun 2014	DEM (lidar)

Summary Information

Comments	PDP 2015. Pit last evaluated 2005, 25 Test Pits. Adjacent to residential area. Resident's concerned about effects to water quality, noise, traffic, etc. Baseline water quality established in July 2000 prior to VIHP- Kilimalu to Cobble Hill Road Project. Please consult with the DHM, South Island District prior to use. Salt shed and trap constructed in August 2000.
Site Reclamation	Development of Area "A" should proceed to the north from the extraction area marked on the PDP. - Initial mining depth for the floor of Area A should be approx. 4 to 5m in depth. - The cut slopes along the perimeter of Area "A" should be recontoured after all useable material has been extracted. - After contouring, resloping and top dressing of the area, hydro seeding will be required to ensure stabilization of the area.
Geology/ Geomorphology	The entire site is located on a glacial outwash complex. The local topography is strong hills with steep sides.