

Granular and Bedrock Prospects along Proposed All-season Road to Whati

Prospect Number	Prospect Center Coordinate			Proposed Road KM Station	O/S ref. (km)	Prospect Area	Material Type	Estimated thickness (m)	Estimated volume (m ³)	Rating	Photo Line Number	Prospect Description	Recommendation
	Zone	Northing	Easting										
1	11	6928355	525465	2	0 to 1.0 right	30 ha	Granular	2-3 m	>500,000 m ³	Excellent	3	Prominent ridged beach extending to the SW from the N end abandoned Airstrip old air strip. Crosses alignment old Lac La Martre Winter Road at approx. km 1.5 from Jct. Highway 3.	Investigate by the excavation of test pits.
2A	11	6928420	523130	4.2	0.3 left	35 ha	Granular	1-2 m	<150,000 m ³	Fair	3	Prominent beach showing variable thickness. Four (4) stream alignments cross the beach area.	Investigate prominent beach sections meeting the LUP development setback requirements from water courses. Investigate by the excavation of test pits.
2B	11	6928345	522145	5.4	0	3 ha	Overburden/Bedrock	Near surface bedrock.		Good	3	A prominent topographic high with possibility of limestone bedrock at shallow depth.	Investigate the nature of overburden and bedrock by the excavation of test pits. Other possibilities to access bedrock may exist over less prominent topography in an area extending 1.5 km to the west.
3	11	6928670	520005	8.1	0.2 right	16 ha	Granular	1-3 m	<100,000 m ³	Fair	3	Prominent beach showing variable thickness and some wet areas at surface. North section looks best.	Investigate by the excavation of test pits.
5	11	6930455	519210	9.7	1.1 right	5 ha	Overburden/Bedrock	Near surface bedrock.		Good	3	A prominent topographic high with possibility of limestone bedrock at shallow depth.	Investigate the nature of overburden and bedrock by the excavation of test pits.
6	11	6929110	518515	10.1	0.4 right	< 2 ha	Granular and Bedrock	1-2 m		Poor	3	A small beach and a small area of topographic high at S end, possibly near surface bedrock.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
7	11	6931320	517260	12	1.4 right	4 ha	Granular/Bedrock			Fair/Good	3	Topographic high showing a prominent and intermittent beach possibly overlying limestone bedrock at shallow depth. NE exposure is most prominent.	Investigate the prominent beach and potential bedrock area by the excavation of test pits.
9A	11	6931430	514435	13.9	0.1 right	15 ha	Granular	1-2 m	<150,000 m ³	Fair	3	A prominent beach section showing variable thickness and thin and wet areas	Investigate by the excavation of test pits.
9B	11	6931605	513755	14.1	crossing alignment	3 ha	Overburden/Bedrock	Possibly near surface		Fair	3	North/South trending rise that may provide near surface bedrock or bedrock exposure.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
13A	11	6932915	512185	18.5	0.2 right	2 ha	Overburden/Bedrock	Possibly near surface		Fair	3	The shoulder of NW to SE rise may provide access to bedrock under shallow overburden.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
13B	11	6933110	511380	19	0.2 left	10 ha	Granular	2-3 m	<200,000 m ³	Good	3	A section of prominent beach.	Investigate by the excavation of test pits.
13C	11	6935460	510410	20.6	0.5 right	15 ha	Granular	2-3 m	<300,000 m ³	Excellent	3	A large prominent beach. Looks best to the east of the old winter road alignment.	Investigate by the excavation of test pits.
13D	11	6934325	510250	19.8	bisects	2 ha	Bedrock			Fair	3	Possible near surface bedrock at topographic high along old winter road alignment.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
14	11	6936515	510755	21.6	1.2 right	6 ha	Bedrock		Large	Excellent	3	Prominent North/South trending scarp with limestone bedrock exposures.	Check by foot reconnaissance. Follow-up with overburden test pit and bedrock drilling if reconnaissance is favourable.
16	11	6937860	507815	22.9	1.2 left	5 ha	Granular	1-2 m	50,000 m ³	Fair	4	A prominent beach bisected by erosional cut (now only small water course) . Section to the west of the water course looks best.	Investigate by the excavation of test pits.
20	11	6938930	509310	24.1	bisects	<1 ha	Granular	1-2 m	5,000 m ³	Poor	4	A small beach ridge crossing the old winter road alignment.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
21A	11	6940045	507615	25.4	1.0 left	1 ha	Granular	1-3 m	20,000 m ³	Fair	4	A prominent ridged beach at north end large topographic rise.	Investigate by the excavation of test pits.
21B	11	6939515	507565	24.9	1.2 left	6 ha	Bedrock		Large	Excellent	4	Prominent topographic high with exposed bedrock on east flank.	Check by foot reconnaissance. Follow-up with overburden test pit and bedrock drilling if reconnaissance is favourable.
21C	11	6941245	507765	26.1	1.1 left	1 ha	Granular	1-2 m	10,000m ³	Poor	4	A small beach section.	Investigate by the excavation of test pits.
22A	11	6942460	509505	27.2	0.3 right	>1 ha	Granular	1-2 m	10,000m ³	Poor	4	Best section of a larger area of intermittent beaches. Maybe shallow.	Investigate by the excavation of test pits.
22B	11	6942755	510435	28.1	1.8 right	2 ha	Granular	1-2 m	30,000 m ³	Fair	4	Prominent esker segment crevasse filling showing small uniform surface area.	Investigate by the excavation of test pits.
23A	11	6940835	511280	26.1	2.7 right	8 ha	Bedrock		Large	Excellent	4	A very prominent topographic rise with large area of bedrock at surface on SE flank.	Check by foot reconnaissance. Follow-up with overburden test pit and bedrock drilling if reconnaissance is favourable.
23B	11	6940800	511055	26.3	2.2 right	5 ha	Granular	1-2 m	50,000 m ³	Good	4	Prominent beaches at height of topographic rise and adjacent to Prospect 23A. The beaches may consist of bedrock rubble.	Check by foot reconnaissance Follow-up with the excavation of test pits if favourable.
26	11	6944885	508575	30.4	0	2 ha	Granular	1-2 m	20,000 m ³	Poor	4	The most prominent section of small beach showing variable surface condition and intermittent wet areas.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
29	11	6947020	509804	32.7	0.7 right	50	Overburden/Bedrock		Very Large	Excellent	4 and 5	Large topographic high with frequent bedrock exposure on surface and at prominent scarp at east limit.	Check by foot reconnaissance. Follow-up with overburden test pit and bedrock drilling if reconnaissance is favourable.
32A	11	6951315	508020	36.2	1.0 right	<2 ha	Granular	1-2 m	20,000 m ³	Poor	5	A Prominent beach ridge.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
32B	11	6950600	508140	35.9	0.9 right	3 ha	Overburden/Bedrock			Good	5	A prominent section of a NE to SW trending topographic rise. Potential for near surface and exposed bedrock. Potential for large extension of prospect to the NE along prominent point.	Check by foot reconnaissance. Follow-up with overburden test pit and bedrock drilling if reconnaissance is favourable.
32C	11	6955100	507145	36.1	0.5 left	4 ha	Overburden/Bedrock			Poor	5	An area of low relief with potential of near surface or exposed bedrock.	Check by foot reconnaissance. Follow-up with overburden test pit and bedrock drilling if reconnaissance is favourable.
33A	11	6952425	508105	37.4	0.6 right	2 ha	Granular/Bedrock			Good	5	A prominent topographic high with small beach that potentially overlies bedrock. The NE flank of the topographic high provides best exposure to assess presence of bedrock.	Check by foot reconnaissance. Follow-up with overburden test pit and bedrock drilling if reconnaissance is favourable.
33B	11	6952275	507365	37	0.2 left	1 ha	Granular	1 m	10,000 m ³	Poor	5	A small beach on north slope of topographic high. The old winter road alignment crosses the east end of the beach.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
34	11	6954535	511985	40.1	4.4 right	3 ha	Granular	2-5 m	75,000 m ³	Good	5	A prominent esker segment.	Investigate by the excavation of test pits. Prospect is winter access only.
37	11	6958230	508922	43.9	0	<1 ha	Granular	0-1 m	Negligible	Very poor	6	A series of small, shallow, beach expression in area of gypsum bedrock. Area bisected by the old winter road alignment.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.

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45	11	6962290	517640	47.9	9.0 right	<4 ha	Granular	0-3 m	40,000 m ³	Poor	6	Three (3) small beach areas at height of large topographic high. Beaches may overly a carbonate bedrock. The south east flank and surrounding level land shows abundant karst activity. Winter access only.	Not considered and economic source due to distance off alignment, however the general area presents an absence of options. Access is winter only.
48	11	6967533	508879	52.8	0.6 right	<1 ha	Granular	1 m	Negligible	Very Poor	6	A small beach ridge in area of shallow topographic rise.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
65A	11	6975011	506760	60.4	0.5 right	8 ha	Granular/Till	<1 m	40,000 m ³	Poor	7	A shallow ridge along old winter road alignment. May be intermittent with possibly wet surface areas.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment. A second, smaller area shallow ridge is located 700m to the east.
68A	11	6977510	507255	63	1.8 right	10 ha	Granular	2 m	150,000 m ³	Good	8	A prominent section of esker ridge bisected by the old winter road alignment. Airborne reconnaissance shows some boulders at surface.	Investigate by the excavation of test pits.
68B	11	6977789	504666	63.7	1.2 left	12 ha	Granular	1-2 m	100,000 m ³	Fair/Poor	8	A prominent section esker ridge, some variation with isolated wet areas.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable.
69	11	6978147	507666	63.5	1.5 right	5 ha	Granular	3 m	150,000 m ³	Excellent	8	A very prominent section esker ridge. Airborne reconnaissance shows boulders at surface.	Investigate by the excavation of test pits.
70	11	6879337	506055	65.1	0.6 right	4 ha	Granular	1-2 m	>50,000 m ³	Good	8	Two (2) reworked esker segments on N and S side of bog (drainage area).	Check by foot reconnaissance. Follow-up with test pit excavation if favourable.
72A	11	6979955	508170	65.1	2.5 right	20 ha	Granular/Till	1-2 m	200,000 m ³	Fair	8	A broad ridge with variable surface condition and some beach reworking.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable.
72B	11	6980022	511520	64.1	6.2 right	20 ha	Granular/Till	1-4 m	200,000 m ³	Fair	8	An esker like ridge with variable width and surface condition, prominent ridge section showed sand exposure on airborne reconnaissance.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable.
75	11	6981343	505412	67	0.6 right	3 ha	Granular	1-3 m	30,000 m ³	Good	8	A narrow esker ridge bisected by the old winter road alignment. The section of esker to the west of the old winter road alignment is most prominent.	Investigate by the excavation of test pits.
76	11	6982121	504870	68	0.2 right	6 ha	Granular	2-3 m	150,000 m ³	Good	8	A prominent topographic high, possibly a kame, that is bisected by the old winter road alignment. Airborne reconnaissance identified a coarse gravel show on the north flank.	Investigate by the excavation of test pits.
86	11	6989160	503497	75.2	0.2 right	8 ha	Bedrock			Excellent	9	A prominent topographic high showing exposed rock at surface. Within mapped limits of the Chedabucto Lake Formation (Ocl) bedrock unit with type description of variable dolomites and shale. Prospect is located adjacent the old winter road alignment. Exposed rock at surface is also observed for approx. 2 km to the north with drainage areas between hummocky outcrops.	Check by foot reconnaissance. Test pit for overburden thickness and drill for bedrock quality.
88A	11	6991734	502948	77	0.5 right	3 ha	Bedrock			Good	9	The prominent NE flank of large topographic high showing uniform bedrock exposure. Expect some distortion of bedding due to uplift.	Check by foot reconnaissance. If favourable, test pit for overburden thickness and drill for bedrock quality.
88B	11	6992955	502114	79.1	bisects	5 ha	Till	2-3 m	100,000 m ³	Fair	9	A broad ridge bisected by the alignment of the old winter road.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable due to prospect proximity to road alignment.
88C	11	6993312	502650	78.9	0.5 right		Overburden/Bedrock			Fair	9	A prominent peaked ridge adjacent small lake to the north.	Check by foot reconnaissance.
89	11	6991003	505127	77	3.0 right	5 ha	Granular	2 m	100,000 m ³	Good	9	A small esker ridge.	Check by foot reconnaissance. Investigate by the excavation of test pits. Prospect is winter access only.
93	11	6993405	504325	78.8	2.5 right	10 ha	Granular	2-4 m	200,000 m ³	Good	10	A prominent esker ridge segment.	Investigate by the excavation of test pits.
98	11	6995385	5011327	82	0.6 left	6 ha	Granular	2 m	120,000 m ³	Good	10	A 3km long esker ridge with 3 prominent sections. The alignment of the old winter road crosses the main prominent section of the esker ridge.	Investigate by the excavation of test pits.
102	11	6998385	502415	84.7	0.6 right	2 ha	Granular	2 m	20,000 m ³	Poor	10	A small, narrow esker ridge. The alignment of the old winter road bisects the esker ridge.	Investigate by the excavation of test pits.
103	11	6999167	496310	85.9	5.0 left	6 ha	Granular	2-3 m	150,000 m ³	Good	11	A prominent esker segment.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable.
104	11	7001900	498860	87.1	2.5 left	3 ha	Granular	2 m	60,000 m ³	Good	11	A prominent kame.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable.
105	11	7000435	501025	86.7	0.3 left	22 ha	Bedrock		1,000,000 m ³	Excellent	10	3 exposed bedrock knobs (granite) with individual areas of 4 ha, 6 ha, and 12 ha.	Check by foot reconnaissance. Drill prospect quarry selections.
109	11	7003693	499143	89.7	2.1 left	5 ha	Granular	2-3 m	100,000 m ³	Good	11	A prominent kame.	Check by foot reconnaissance. Follow-up with test pit excavation if favourable.
110	11	7004345	500063	90.5	0.7 left	10 ha	Bedrock			Good	10	Shallow topographic rise showing two (2) small undifferentiated granite outcrops and three (3) nearby exposures of uplifted Chedabucto Lake Formation (variable dolomite and shale) strata. Expect some disruption of bedding due to uplift.	Check by foot reconnaissance. Drill prospect quarry locations.
111A	11	7004780	501906	91	1.2 right	50 ha	Bedrock		1,500,000 m ³	Excellent	10	A large surface area exposed bedrock along scarp edge. Expect variable dolomites and shales of the Chedabucto Lake Formation.	Check by foot reconnaissance. Drill prospect quarry locations.
111B	11	7005220	502588	91.6	1.6 right	6 ha	Colluvium	1-2 m	60,000 m ³	Very Poor	10	An area of ridged beaches adjacent to bedrock rise. Expect low quality, high fines granular material. Surface shows intermittent wet areas.	Check by foot reconnaissance.
116	11	7005070	496715	97.4	bisects	35 ha	Granular	2-3 m	700,000 m ³	Excellent	11	Four prominent esker segments with estimated areas from east to west at 5 ha, 10 ha, 15 ha, and 5 ha.	Investigate by the excavation of test pits.
118	11	7002173	491720	102	1.7 left	5 ha	Overburden/Bedrock			Good	12	A prominent section of narrow ridge with apparent bedrock exposure at height of ridge.	Check by foot reconnaissance. If favourable, test pit for overburden thickness and drill for bedrock quality.