

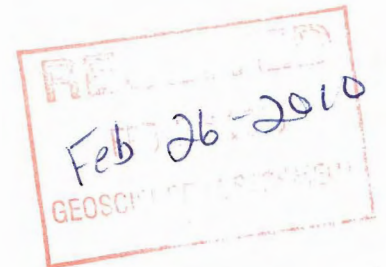
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Howie Lake Gold Project

Kawashegamuk Lake Area

Kenora Mining Division

February 2010



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15 Keith Ave
Site 132, 5c
Dryden, ON
P8N 2Y4

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Technical Report

Location and Access :

Mining claim 4205133 is centered at UTM co-ordinates 539820E / 547094 N. Zone 15, NAD 83, in the Kawashegamuk Lake claim map area in the Kenora Mining Division

The property can be reached from the city of Dryden by following Highway #17 east for 38 km. to Snake Bay Road and following it southerly for 31 km.

Claim:

5205133 (9 units) is held by Alex Glatz and Joe Riives on a 50 - 50 basis

Regional Geology:

According to the Department of Mines map 342c the Manitou - Stormy Lake area consists mainly of basic volcanic rocks with a north easterly Manitou series conglomerate unit extending from Glass Bay on the Lower Manitou Lake easterly to Stormy Lake. The conglomerate unit is intruded by a granitic formation between Sunshine Lake and Washeibemaga Lake.

The Meggisi Lake Pluton extends within 1 $\frac{1}{2}$ kilometers of the south end of Kennewapekko Lake and covers most of the south central portion of the map area. Several major faults including the Manitou Straits and Taylor Lake Faults intrude the area in a northeasterly direction.

Local Geology:

The project area is underlain mainly by the Wapageisi Lake rocks. Basalt and andesite are the dominant bed rocks with small intrusions of gabbro and a number of conglomerate outcrops. Two parallel northerly tracing fault zones between Howie and Katisha Lake are of interest. The East Fault Zone can be seen between two ponds at the south end of the claim. The fault extends northerly along a narrow cedar and black spruceswamp adjacent to the Swamp Showing, the Twilight Zone, the Howie Lake Zone, and the South Katish Zone at Katisha Lake. All above mentioned alteration zones are immediately east of the fault.

History and Old Work:

Gold was discovered in the 1980's in the Upper Manitou Lakes area about 25 km. West of Howie Lake. A number of mines including the Paymaster, Laurentian, Jubilee and others were opened and produced undetermined amounts of gold from quartz-hosted zones. Around 1936 gold was discovered west of Washeibemaga Lake, which became known as the Pelham Prospect. Noranda and Tech Corp. drilled the claim in 1981 after the patent on the property had expired. Esso Minerals explored for gold south of Snake Bay in the early 1980's. Their claims covered Seggamak, Katisha, Howie and Kawijekiwa Lakes.

In 2003-2006 prospectors Alex Glatz and Joe Riives explored for gold and staked some ground at the end of a newly constructed logging road at Thunder Cloud Lake about 5 km. West of Howie Lake. The claims are presently under option to Teck Cominco Inc.

Esso Minerals held the ground from 1983 to 1987 and established a grid, carried out soil sampling, stripping, channel sampling and diamond drilling. Since Esso Minerals terminated operations the area has been restaked several times by a number of people including Alex Glatz. No serious exploration work was done during that time. In December of 2005 Alex Glatz and Joe Riives staked the core area of the known gold showings around Howie Lake with claim # 425133. Considerable prospecting and sampling was carried out by the claim holders from 2006 to 2008.

Rationale For 2009 Work Program:

- Esso Minerals recommendation to test the East Fault area from South Katisha Zone southerly along the Fault
- Favorable grab and chip sample results from the Howie Lake Zone, the Fiji Zone, the Main Katisha Zone and the Twilight Zone
- The existence of many auriferous occurrences
- sizable alteration zones with high silicification content
- abundant sulphide content in altered zones
- At least three of the main zones warrant stripping, power washing, and sampling
- Elevated gold values in new areas.

Current Work Program:

A boat and motor was placed at Kawijekiwa Lake and a V stern canoe at Howie Lake for prospecting and sampling the shore lines and general transportation.

Mechanical stripping commenced June 3rd at the Howie Lake Zone followed by power washing, establishing a 100m base line at N24W and two side lines from B.L. station 70m N. The first side line extended over a gossan for 35 m at a bearing of N45 degrees E. The second side line at N74 degrees E for a distance of 100 m to cover an irregular altered area with good gold values. This was followed by sampling and mapping a very diversified alteration zone.

The lower west side of the escarpment on west side of base line N24 degrees W did not get exposed due to high water conditions along the swamp last June. Late in the summer after the surface water had receded the ground checked out suitable for a wide track excavator.

All 19 humus samples and one soil sample taken at 5m spacing 30m west and parallel to the base line assayed gold with the average 29 PPB, soil sample #7A assayed 27 PPB.

The Twilight Zone was also mechanically stripped and later power washed. A 50m base line with stations at 5m spacing was established to facilitate geology and sample location mapping. Here also, the alteration is very intense and it is difficult to determine the origin of the various altered sections. According to Esso Minerals Geology map the immediate area is carbonatized porphyritic gabbro situated along the East side of the East Fault.

The best assays are mainly in sound, heavily silicified rocks.
Sample #610982 assayed 3291 PPB AU

The Swamp Showing was discovered 35m south of the Twilight Zone along a recently exposed shear zone at the bottom of an escarpment. Mechanical excavation revealed quartz porphyry and banded quartz units 10 meters wide and dipping steeply into a water saturated cedar swamp. The assay results were quite disappointing with 310 PPB AU being the best in sound banded quartz with 3% PY.

A 70m base line was also established along the previously stripped Main Katish Zone. Several 1m chip samples were taken with three samples being over 3 grams AU. in quartz porphyry and grab sample #188336 yielding 31749 PPB AU. Two 1m chip samples taken during 2008: 612125 and 612128 assayed 18617 PPB AU and 12343 PPB AU respectively.

Prospecting and sampling at the southeast end of Howie Lake revealed very few areas of interest, except the east/west trending carbonate zone that the claim owners sampled two years previously. Sampling along the steep slopes on the southwest side was equally disappointing.

Five rock samples and two soil samples were taken along a steep slope on the east side of the East Fault about 200m south of the Twilight Zone. The rocks appear to be sheared mafic volcanics with pockets of partly decomposed and carbonatised material with varying amounts of fine sulphide. Sample # 610875 was located at the lowest level and assayed 290 PPB. AU.

The Fiji Zone at the northwest end of Howie Lake has several intensely altered northerly trending areas some with old pits and trenches. Last fall a 340m base line was established through the center of the zone to enhance prospecting, sampling and accurate mapping of altered areas and sample locations. Due to very low water level at Howie Lake last fall, several new showings were discovered and sampled along the lake shore. Sample # 18835 assayed 8914 PPB gold in fine massive sulphides. Sample #1145 assayed 16869 PPB gold in silicified rocks with 20% fine sulphide content in the 195mW area along the base line. About 85% of the Fiji Zone is covered with reasonably shallow overburden.

In total this year the following samples were taken on claim 4205133: 127grab samples, 22 channel samples, 22 chip samples, 12 soil samples, 19 humus samples, 31 multi element assays and 7 silver assays costing \$3874. Backhoe charges were 23 hours @ \$110 per hour = \$2350.

Conclusions and Recommendations:

1. Past season's stripping and sampling efforts reinforce Esso Minerals recommendation to diamond drill the east fault area along the swamp adjacent to the Howie Zone
2. Four known gold zones are situated adjacent to the east side of the East Fault: South Katisha, Howie Lake, Twilight and the Swamp showing
3. All 19 humus samples and 1 soil sample taken in the swamp west of the Howie Zone assayed positive with an average of 29 PPB gold
4. Esso Minerals carried out a soil sampling program in the area but did not sample humus where soil was not available
5. Recommend that humus sampling be carried out along the entire East Fault and also along the West Fault. This may be followed up by excavating where warranted and ground conditions permit. Diamond drilling may also be warranted at some point.
6. The Fiji Zone hosts several outcrops with good gold values surrounded by overburden. The outcrop at base line 109m w. assayed 5.5 G/T gold and appears to surface again 15m southerly at the lakeshore, 3m wide and continuing underwater. The entire Fiji Zone warrants systematic soil or humus sampling, mechanical stripping, power washing and sampling. It will probably require some geophysical work at some point including coverage over Howie Lake.



I. J. RIVES

Assay Summaries

SAMPLE SUMMARY - 2009 HOWIE LAKE GOLD PROJECT

2009 DATE	SAMPLE #	CLAIM #	SAMPLE	LITHOLOGY	MINERALS	AUPT
JUNE 11	610856	4205133	GRAB	GASALT + Q	7% Py	
" 11	610857	"	"	ALTERED GABBRO	7% Py	
" 11	610858	"	"	" "	5% SULPH.	
" 11	610859	"	"	" "	20% SULPH.	
" 11	610860	"	"	ALTERED SHEARED GAB.	6% "	
JUNE 17	610861	"	"	SILICIFIED, GRAY + Q	6% "	
" 17	610862	"	"	" " "	5% "	
" 17	610863	"	"	" " "	5% "	
" 17	610864	"	"	DECOMPOSED GABBRO	10% "	
" 17	610865	"	"	SHEARED GABBRO	3% "	
" 17	610866	"	"	QZ WITH BLACK BANDS	3% "	
" 17	610867	"	"	CARB. ALT. GABBRO	2% "	
" 17	610868	"	"	QZ, 5% Py	5% Py.	
" 17	610864	"	"	DECOMPOSED GABBRO	10% SULPH.	
" 17	610869	"	"	ALTERED GABBRO	5% Py	
" 17	610870	"	24 cm CHIP	" "		
" 17	610871	"	GRAB	" "	30% FINE Py	
" 17	610872	"	"	" "	40% SULPH.	
" 17	610873	"	"	MAFIC VOLCANIC	1% "	
" 17	610874	"	"	" "	2% SULPH.	
" 17	610875	"	3 m CHIP	SHEARED MAFIC VOLCANIC	5% "	
" 17	610876	"	GRAB	" " "	3% "	
" 17	610877	"	"	" " "	7% "	
" 17	610878	"	"	CHERTY " "	4% "	
" 17	610879	"	"	SHEARED " "	7% "	
" 17	610880	"	"	BANDED QZ	7% Py + CP	
" 17	610881	"	"	70% QZS + BLACK BANDS	5% "	
" 17	610882	"	"	20% QZS SHEARED, DECOMP.	5% SULPH.	
" 18	610875A	"	SOIL	SOIL		

SUMMARY 2007

HOWIE LAKE GOLD PROJECT

2009

DATE	SAMPLE #	CLAIM #	SAMPLE	LITHOLOGY	MINERALS	AUF
MAY 6	612183	4205133	SOIL	SOIL		Ni
" 6	612184	"	"	"		Ni
" 6	612185	"	"	"		3
" 6	612186	"	"	"		3
" 6	612187	"	"	"		3
" 22	612188	"	GRAB	SHEARED CONGLOMERATE	1% PY	9
MAY 22	612189	"	GRAB	GREEN VOLCANIC 1/8 QV	- 1% PY CP	
JUNE 2	612190	"	GRAB	GREENISH VOLCANIC	3% SULPHIDE	
" 4	612191	"	GRAB	GABBRO + QV	5% SULPHIDE	
" 4	612192	"	"	GREEN STONE VOLCANIC	"	
" 4	612193	"	"	SHEAR-VOLCANIC + Q.V.	2% SULP.	
" 4	612194	"	"	SHEARED GABBRO	2% SULP.	
" 4	612195	"	"	ALT. VOLCANIC	2% PY	
" 4	612196	"	"	QTS. PORPHYRY	5% PY	
" 4	612197	"	"	ALT. GABBRO	3% SULP	
" 4	612198	"	"	SHEARED GABBRO	1% "	
" 10	612199	"	"	" "	3% "	
" 10	612200	"	"	" "	3% "	
" 10	610851	"	"	FRACTURED GABBRO	2% PY	
" 10	610852	"	"	SHEAR ZONE	RUST.	
" 10	610853	"	"	SILICIFIED GABBRO	7% PY	
" 10	610854	"	"	TUFF	2% SULP.	
" 10	610855	"	"	CONGLOMERATE	2% "	
" 11	612145	"	"	CONGLOMERATE + Q	10% SULP.	
" 11	612146	"	1 m chip	ALT. GABBRO	" "	
" 11	612147	"	GRAB	" "	4% FINE SULP.	
" 11	612148	"	"	" "	5% " "	
" 11	612149	"	"	BASALT	5% " "	
" 11	612150	"	"	QV.	4% PY.	

SAMPLE SUMMARY - 2009

HOWIE LAKE GOLD PROJECT

2009

DATE	SAMPLE #	CLAIM #	SAMPLE	LITHOLOGY	MINERALS	AU/P
JUNE 17	610876A	4205133	SOIL	SOIL		*
"	610877A	"	SOIL	SOIL		*
JULY 15	610889	"	GRAB	CARB. ALT. QTZ	4% PY	
"	610890	"	"	ALT. VOLCANIC	"	
"	610891	"	"	"	5% SULP.	
"	610892	"	"	CARB. ALT. 10% - VOLCANIC	7% "	
"	610893	"	"	PARTLY DECOMP. VOLCANIC	10% "	
"	610894	"	"	50% QTZ - BANDED	7% PY	
"	610895	"	1m CHIP	50% DECOMP. VOLCANIC	2% SULP.	
"	9610883	"	GRAB	SHEARED BASALT	1% "	
"	9610884	"	"	ALT. MAFIC VOLCANIC	3% "	
"	9610885	"	"	" " "	15% "	
"	9610886	"	"	SILICIFIED " "	15% "	3
"	9610887	"	"	MAFIC VOLCANIC + QTZ	5% "	
"	9610888	"	"	QTS. PORPHYRY	5% PY	
"	22610959	"	"	QTS. PORPHYRY - DECOMP.	20% PY	
"	22610960	"	90cm CHIP	ALTERED MAFIC VOLCANIC	6% "	
"	22610961	"	1m CHIP	QTZ. PORPHYRY - SHEARED	6% "	
"	22610962	"	1m CHIP	" " "	5% "	
"	22610963	"	1m CHAN.	QTZ. PORPHYRY	15%	
"	22610964	"	1m CHIP	DECOMP. MAFIC VOLCANIC	10% SULPH.	
"	22610965	"	.75m CHIP	CARB. ALT. DECOMPOSED	7% SULPH.	
"	22610958	"	"	QTZ. SECTION 4m X 3m	10% PY	
"	23610896	"	1m CHAN.	ALT. MAFIC VOLCANIC	8% FINE PY	
"	610897	"	.50m CHAN.	" " "	5% SULPH.	
"	610898	"	.90m CHAN.	" " "	7%	
"	610899	"	1m. CHAN.	CHERTY ALTERED ROCK	20%	
"	610900	"	.90m CHAN.	" SLIGHTLY DECOMP "	20%	

2009

DATE	SAMPLE #	CLAIM #	SAMPLE	LITHOLOGY	MINERALS	AUG
JULY 23	610951	4205133	1 m. CHAN.	QTZ DIORITE	15% SULP.	
"	610952	"	70m CHAN.	" "	5% "	
"	610953	"	1m. CHAN.	" "	15% "	
"	610954	"	1m. CHAN.	CARB. ALT 25% BASALT	3% PY.	
"	610955	"	1.45m CHAN	QTS. PORP. 20% CARB.	5% SULP.	
"	610956	"	.75m CHAN	" " 50% "	3% SULP.	
"	610957	"	GRAB	" "	7% SULP.	
"	610966	"	1m. CHAN	35% DECOMP	5% "	
"	610967	"	1m. CHAN.	QTZ PORP. SOUND	6% "	
"	610968	"	1m CHAN	CARB. ALT. BASALT	2% PY	
"	610969	"	110m CHAN	" " "	10% PY	
"	610970	"	80m CHAN	" " "	15% PY	
"	610971	"	1m CHAN.	SILICIFIED QTZ. PORPHYRY	20% FINE PY	
"	610972	"	1m CHAN.	15% DECOMP " "	15% " "	
"	610973	"	70m CHAN	CARB. ALT. GRAB.	7% PY	
"	610974	"	1m CHAN	20% DECOMP. BASALT	5% SULP	
"	610975	"	85m CHAN	" " "	5% "	
"	610976	"	.45m CHAN	75% DECOMP BASALT	3% "	
AUG. 5	610977	"	GRAB	SHEARED BASALT	10% "	
"	610978	"	GRAB	" "	12% "	
"	610979	"	GRAB	FRACTURED RUBBLE	5% PY IN SEAMS	
"	610980	"	GRAB	QTZ VEIN - BANDED	10% PY	
"	610981	"	"	" " "	3% PY	
"	610982	"	"	SILICIFIED GREENISH SOUND	10% FINE SULP.	
"	610983	"	"	SHEARED BASALT	5% " "	
"	610984	"	"	QTZ. POR.	7% " "	
"	610985	"	"	ALTERED GABBRO	3% SULP	
AUG. 14	610986	"	"	META VOLCANICS	15% SULP	
"	610987	"	"	CHEERTY - ALT. VOLCANIC	10% "	

DATE	SAMPLE #	CLAIM #	SAMPLE	LITHOLOGY	MINERALS	AUG.
AUG 14	610988	4205133	GRAB	CHERTY GRAY ROCK	15% FINE SUL	
"	610989	"	GRAB	" " "	10% " "	
"	610990	"	"	ALT. GABBRO	15% MED "	
"	610991	"	"	RUSTY VEIN 50% QTZ	7% SULP	
"	610992	"	"	" " "	8% "	
"	610993	"	"	" " "	5% "	
AUG 18	610994	"	1.20m CHIP	ALT. BASALT - CHERTY	12% FINE "	
"	610995	"	0.60m CHIP	GRAYISH QTZ POR.	10% " "	
"	610996	"	GRAB	DARK DECOMP. 50%	10% " "	
"	610997	"	GRAB	40% DECOMP. BASALT	7% " "	
"	610998	"	GRAB	25% DECOMP "	7% " "	
"	610999	"	GRAB	50% " BASALT + QTZ	5% " "	
"	611000	"	GRAB	50% DECOMP BASALT	5% " "	
"	611001					
"	611002					
"	611003					
"	611004					
AUG 20	188305	"	GRAB	ALT. GABBRO	10% SULP.	
"	188306	"	GRAB	GRAY BANDED ROCK	12% "	
"	188307	"	1.3m CHIP	IRREGULAR 50% DECOMP.	10% " RUST	
"	188308	"	GRAB	CARB. ALT. QTZ V-SHEAR	12% SULP.	
"	188309	"	"	ALTERED GREEN ROCK	10% "	
"	188310	"	"	" " "	7% "	
"	188311	"	"	BANDED Q	4% PY	
"	188312	"	"	" " + TURMALIN	7% "	
AUG 27	188313	"	"	ALT. GABBRO	5% SULP.	
"	188314	"	"	GREEN STONE -	7% FINE PY	
"	188315	"	"	ALT. GABBRO - SHEAR	3% PY	
"	188316	"	"	" " "	RUST	

SAMPLE SUMMARY-2009 HOWIE LAKE GOLD PROJECT

2009

DATE	SAMPLE #	CLAIM #	SAMPLE	LITHOLOGY	MINERALS	A.U.P.P.
SEPT. 10	188318	4205133	GRAB	GRAY QTZ	8% PY.	
" "	188319	"	"	TUFF CARB. ALT.	12% SULP.	
" "	188320	"	"	" " "	7% "	
" "	188321	"	"	GRAY ROCK - CARB ALT.	MAGNETIC	
" "	188322	"	"	SHEARED GABBRO-DECOMP	2% SULP.	
" 30	188324	"	"	LEACHED Q.P.	5% SULP.	
" "	188328	"	1m CHIP	PARTLY DECOMP. GABBRO	7% SULP.	3
" "	188329	"	.75m CHIP	Q.P.	10% "	2
" "	188330	"	1m CHIP	Q.P.	7% "	3
" "	188331	"	1m CHIP	META VOLCANICS	12% "	3
" "	188332	"	1m CHIP	META VOLCANICS DECOM.	5% "	
" "	188333	"	1m CHIP	META VOLCANICS 25% DEC.	7% "	2
NOV. 9	188334	"	.75m CHIP	Q.P.	10% FINE PY	1
" "	188336	"	GRAB	SILICIFIED GABBRO	7% PY	31
" "	188337	"	GRAB	ALT. GAB.	5% MED PY	
" "	188338	"	"	" "	6% SULP.	1
" "	188339	"	1m CHIP	" "	7% "	1
" "	188340	"	.60m "	" " CHERTY	5% "	
" "	188341	"	GRAB	" " RUSTY	2% "	
" "	188342	"	"	" " DARK	2% "	
" "	188343	"	"	" " DARK	5% "	
" "	188344	"	"	" " SILICIFIED	4% FINE SUL.	
NOV. 24	188351	"	GRAB	SILICIFIED GABBRO-	15%+ SULP.	8
" "	188352	"	GRAB	ALT. GABBRO + Q.V.	7% SULP. TANOR.	
" "	188353	"	"	SHR. GABBRO	5% PY RUST	
NOV. 26	188354	"	"	ALT. GAB.	5% SULPH	1
" "	188355	"	"	SHEAR. GAB.	3% "	
" "	188356	"	"	SILICIFIED GABBRO	6% "	1

SAMPLE SUMMARY - 2009

HOWIE LAKE GOLD PROJECT

2009

DATE	SAMPLE #	CLAIM #	SAMPLE	LITHOLOGY	MINERALS	AU/P
SEPT. 22	188325	4205133	GRAB	ALT. GABBRO	1% FINE PY	
"	188326	"	"	"	RUSTY	
"	188327	"	"	" SHEARED	2% SULP.	
"	188325A	"	SOIL	SOIL		
"	188326A	"	"	"		
"	188327A	"	"	"		
SEP. 15	1096	"	GRAB	CARB ALT. FELSIC VOLC.	RUST 4% PY	
NOV. 10	1144	"	"	DARK GABBRO	2% PY	
"	1145	"	"	SILIC. GAB.	20% FINE PY	16
"	1146	"	"	CARB. ALT. MAFIC	6% SULP.	
"	1147	"	"	SHEARED QTZ PORP.	5% "	
"	1148	"	"	ALT. GAB.	2% PY	
AUG 18	188301	"	"	"	2% PY	
"	188302	"	"	"	50% SULP.	
"	188303	"	"	QTZ PORPHYRY	3% "	
"	188304	"	"	ALT. GABBRO	10% FINE SUL	
JAN 27-10	HUMUS #	1	HUMUS	HUMUS		
"	"	2	"	"		
"	"	3	"	"		
"	"	4	"	"		
"	"	5	"	"		
"	"	6	"	"		
"	"	7	"	"		
"	"	8	"	"		
"	"	9	"	"		
"	"	10	"	"		
"	"	11	"	"		
"	"	12	"	"		
"	"	13	"	"		

SAMPLE SUMMARY-2009

HOWIE LAKE GOLD PROJECT

2010 DATE	SAMPLE #	CLAIM #	SAMPLE	LITHOLOGY	MINERALS	AU, PP
JAN 27	HUMUS #14	4205133	HUMUS	HUMUS		
"	" #15	"	"	"		
"	" #16	"	"	"		
"	" #17	"	"	"		
"	" #18	"	"	"		
"	" #19	"	"	"		
"	" #20	"	"	"		
"	SOIL #7A	"	SOIL	SOIL		

GRAB SAMPLES-GOLD 127

CHANNEL SAMPLES 22

CHIP SAMPLES 22

SOIL SAMPLES 12

HUMUS SAMPLES 20

MULTI ELEMENT 31

SILVER SAMPLES 7

TOTAL 241

Assay Certificates



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1416-RG1 ✓

Company: **I.J. RIVES**

Date: JUN-04-09

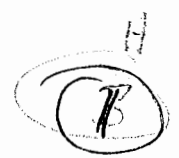
Project:

Attn:

We hereby certify the following Geochemical Analysis of 5 SOIL samples submitted MAY-22-09 by .

Sample Number	Au ppb	Au Check ppb
612183	NIL	-
612184	NIL	NIL
612185	3	-
612186	3	5
612187	3	-

Certified by *Denis Chantre*



LJ.RIIVES

Attention:

Project:

Sample type: Rock

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W1417KJ

Date : 4-09

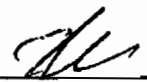
Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
612188	<0.2	2.29	16	36	<0.5	<5	3.22	<1	53	173	63	6.47	1	0.07	14	1.48	1443	<2	0.03	95	718	2	0.21	<5	9	120	<5	0.01	<10	<10	90	<10	123	17
612189	<0.2	3.14	8	22	<0.5	5	1.45	<1	51	258	444	6.55	1	0.07	<10	2.68	619	<2	0.02	70	478	<2	0.14	5	11	8	<5	<0.01	<10	<10	136	<10	131	5

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: _____





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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1417-RG1

Company: **I.J. RIIVES**

Date: MAY-28-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 2 ROCK samples submitted MAY-22-09 by .

H.L.

Sample Number	Au ppb	Au Check ppb	Multi Element
612188	9	10	RESULTS
612189	67		TO FOLLOW

Certified by



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1464-RG1

Company: **I.J. RIIVES**

Date: JUN-02-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 9 ROCK samples submitted MAY-29-09 by .

17.6 -

Sample Number	Au ppb	Au Check ppb	Multi Element
612190	36	-	RESULTS
612191	144	-	TO
612192	17	17	FOLLOW
612193	163	-	
612194	226	-	
612195	29	34	
612196	15	-	
612197	99	-	
612198	22	-	

Certified by *Dennis Chisholm*

(2)



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1506-RG1

Company: **I.J. RIIVES**

Date: JUN-10-09

Project: HL

Attn:

We hereby certify the following Geochemical Analysis of 7 ROCK samples submitted JUN-04-09 by .

Sample Number	Au ppb	Au Check ppb	Multi Element
612199	9	-	RESULTS
612200	12	10	TO
610851	21	-	FOLLOW
610852	106	139	
610853	173	-	
610854	14	-	
610855	7	-	

Certified by *Dennis Chetko*

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W1464RJ

Date : 08-09

I.J.RIIVES

Attention:

Project:

Sample type: Rock

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
612191 <i>144</i>	<0.2	1.75	8	43	<0.5	<5	4.44	<1	30	173	63	6.04	<1	0.18	21	2.72	983	<2	0.04	68	2629	9	1.64	<5	5	74	7	0.01	<10	<10	47	<10	51	12
612192 <i>17</i>	<0.2	3.11	19	32	<0.5	<5	3.52	<1	60	312	198	7.35	1	0.15	<10	3.62	1046	<2	0.03	105	310	3	2.89	6	5	22	<5	0.22	<10	15	110	<10	55	5
612193 <i>162</i>	<0.2	0.68	6	49	<0.5	<5	9.53	1	28	107	83	7.56	<1	0.18	<10	4.49	1782	<2	0.02	40	428	8	2.27	<5	5	255	<5	0.01	<10	19	27	<10	34	9
612197 <i>226</i>	<0.2	2.17	16	<10	<0.5	<5	13.31	1	28	24	43	7.75	1	0.01	<10	3.91	2249	<2	0.01	25	182	4	1.97	<5	12	63	<5	0.01	<10	18	83	<10	27	4

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: _____

A
3



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Geochemical Analysis Certificate

9W-1540-RG1

Company: **I.J. RIIVES**

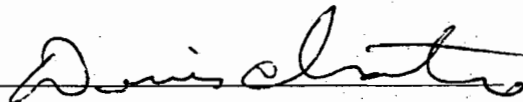
Date: JUN-11-09

Project: **H.L.**

Attn:

We hereby certify the following Geochemical Analysis of 11 ROCK samples submitted JUN-08-09 by .

Sample Number	Au ppb	Au Check ppb	Multi Element
612145	408	-	RESULTS
612146	1101	-	TO
612147	84	-	FOLLOW
612148	221	278	
612149	118	-	
612150	147 ✓	-	
610856	135	-	
610857	108	96	
610858	117	-	
610859	617	-	
610860	283	-	
BLANK	NIL	-	
STD OxK69	3531	-	

Certified by 

4



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Geochemical Analysis Certificate

9W-1559-RG1

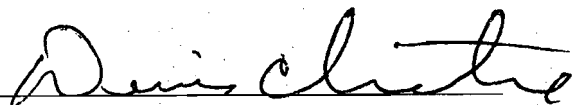
Company: **I.J. RIIVES**
Project: **H.L.**
Attn:

Date: JUN-17-09

We hereby certify the following Geochemical Analysis of 8 ROCK samples submitted JUN-10-09 by .

Sample Number	Au ppb	Au Check ppb	Multi Element
610861	830	902	RESULTS
610862	917	-	TO
610863	790	-	FOLLOW
* 610864	681	-	
610865	14	-	
610866	41	38	
610867	16	-	
610868	26	-	

Certified by



Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W1506RJ

Date : Jun-12-09

I.J RIVES

Attention:

Project: HL

Sample type: Rock

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
610853	<0.2	0.29	12	23	<0.5	<5	0.25	<1	23	226	140	2.17	<1	0.05	<10	0.17	142	25	0.02	36	115	4	0.86	<5	1	4	<5	<0.01	<10	<10	6	<10	11	4



1 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: _____

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Geochemical Analysis Certificate

9W-1553-RG1

Company: **I.J. RIIVES**

Date: JUN-12-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 7 ROCK samples submitted JUN-09-09 by .

Sample Number	Au ppb	Au Check ppb	Multi Element
610864	2400	2400	RESULTS
610869	9	-	TO
610870	NIL	-	FOLLOW
610871	33	-	
610872	106	110	
610873	7	-	
610874	NIL	-	
BLANK	NIL	-	
STD OxK69	3600	-	

Certified by

66

Swastika Laboratories Ltd

Attention: I.J.RIIVES

Project:

Sample type: pulp

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W1553RJ

Date : .15-09

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
610864 <i>14</i>	2.0	1.12	1924	28	<0.5	7	0.39	35	31	94	35	9.43	<1	0.10	<10	1.14	441	11	0.01	14	289	13	>5.00	18	4	4	<5	<0.01	<10	15	68	<10	78	7
610869 <i>9</i>	<0.2	4.31	16	17	3.3	8	1.71	4	45	41	244	11.28	1	0.03	<10	2.39	1028	<2	0.01	22	363	28	2.07	13	31	8	<5	0.01	<10	14	547	<10	95	8
610870 <i>NIL</i>	<0.2	2.63	44	19	0.7	8	1.30	4	43	76	94	11.21	<1	0.08	<10	1.82	839	<2	0.02	<1	742	20	>5.00	15	12	8	<5	0.01	<10	15	111	<10	91	10
610871 <i>33</i>	<0.2	1.22	61	24	<0.5	9	0.49	4	53	53	28	11.43	<1	0.11	<10	0.84	312	<2	0.02	<1	986	17	>5.00	13	4	4	<5	<0.01	<10	20	42	<10	48	11
610872 <i>106</i>	0.2	2.10	67	23	0.8	14	1.33	6	85	59	12	14.64	<1	0.10	<10	1.53	640	<2	0.02	2	544	23	>5.00	17	5	10	<5	0.01	<10	23	132	<10	56	11
610873 <i>7</i>	<0.2	5.04	54	26	1.3	5	1.21	4	38	93	21	8.68	<1	0.05	<10	3.76	958	<2	0.01	45	200	27	0.11	15	20	10	<5	0.01	<10	<10	208	<10	111	6
610874 <i>NIL</i>	<0.2	4.87	44	11	1.6	5	3.86	4	53	74	120	8.98	<1	0.03	<10	3.13	997	<2	0.02	54	286	27	0.57	14	27	25	<5	0.01	<10	<10	260	<10	89	6

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: _____

Swastika Laboratories Ltd

Attention: I.J.RIIVES

Project: H.L.

Sample type: pulp

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W1540RJ

Date : 11-15-09

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
612145	0.2	2.62	351	14	1.2	<5	1.47	9	31	70	36	7.94	<1	0.06	<10	1.34	1140	12	0.02	8	306	15	2.58	13	15	8	<5	0.01	<10	<10	191	<10	72	7
612146	1.2	1.41	2954	23	0.5	6	0.18	55	31	95	27	7.69	<1	0.06	<10	0.64	404	11	0.05	4	407	12	3.87	25	7	6	<5	<0.01	<10	13	80	<10	63	6

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: _____





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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1594-RG1

Company: **I.J. RIIVES**

Date: JUN-17-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 8 ROCK samples submitted JUN-12-09 by .

Sample Number	Au ppb	Au Check ppb	Multi Element
610875	290	237	RESULTS
610876	3	-	TO
610877	NIL	-	FOLLOW
610878	36	29	
610879	46	-	
610880	87	94	
610881	72	-	
610882 EXTRA	7	-	
BLANK	NIL	-	
STD OxK69	3634	-	

Certified by



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1593-SG1

Company: **I.J. RIIVES**

Date: JUN-18-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 3 SOIL samples submitted JUN-12-09 by .

Sample Number	Au ppb	Au Check ppb
610875A	44	-
610876A	14	-
610877A	48	48
BLANK	NIL	-
STD OxK69	3566	-

Certified by

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W1559RJ

Date : Jun-19-09

I.J.RIVES

Attention:

Project: H.L

Sample type: Rock

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
610866 <i>41</i>	0.2	0.50	9	41	<0.5	<5	5.75	<1	37	186	200	5.49	1	0.09	<10	2.22	1102	5	0.02	95	574	6	1.88	<5	4	121	<5	<0.01	<10	10	9	<10	29	7

A sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: _____



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1801-RG1

Company: **I.J. RIVES**

Date: JUL-09-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 6 ROCK samples submitted JUL-06-09 by .

Sample Number	Au ppb	Au Check ppb	Multi Element
610883	22	31	RESULTS
610884	278	-	TO
610885	651	-	FOLLOW
610886	3360	* 3771	
610887	617	-	
610888	170	161	
BLANK	NIL	-	
STD OxH66	1267	-	

Certified by

8



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Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1852-RG1

Company: **I.J. RIIVES**

Date: JUL-15-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 7 ROCK samples submitted JUL-10-09 by .

Sample Number	Au ppb	Au Check ppb
610889	118	-
610890	130	-
610891	165	166
610892	374	-
610893	451	-
610894	89	65
610895	369	-
BLANK	3	-
STD OxH66	1255	-

Certified by *Dennis Clout*

LJ.RIIVES

Attention:

Project:

Sample type: Rock

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W186RJ

Date : Jul-17-09

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
610883	<0.2	1.07	26	41	<0.5	<5	1.83	1	20	100	35	3.97	<1	0.10	16	0.41	1026	2	0.05	31	632	5	0.14	<5	2	40	<5	<0.01	<10	<10	21	<10	78	18

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

10

Signed: _____ 



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Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1952-RG1

Company: **I.J. RIVES**

Date: JUL-22-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 8 ROCK samples submitted JUL-17-09 by .

Sample Number	Au ppb	Au Check ppb
610958	511	494
610959	156	-
610960	311	-
610961	994	-
610962	1097	1029
610963	926	-
610964	471	-
610965	310	-

Certified by



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Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1931-RG1 ✓

Company: **I.J. RIVES**

Date: JUL-23-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 12 ROCK samples submitted JUL-16-09 by .

Sample Number	Au ppb	Au Check ppb
610896	221	-
610897	449	506
610898	557	-
610899	3703	3634
610900	1037	- ✓
610951	686	-
610952	754	-
610953	1131	1097
610954	586	-
610955	1063	1200
610956	166	-
610957	639	-
BLANK	3	-
STD OxH66	1269	-

12

PD 10/8/09

Certified by Denis Chute

12



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Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1967-RG1 ✓

Company: **I.J. RIIVES**

Date: JUL-23-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 11 ROCK samples submitted JUL-20-09 by .

Sample Number	Au ppb	Au Check ppb
610966	51	-
610967	209	-
610968	26	-
610969	10	-
610970	45	-
610971	2482	2331
610972	533	-
610973	27	-
610974	538	-
610975	461	463
610976	127	-
BLANK	NIL	-
STD OxH66	1306	-

//

Certified by *[Signature]*

12



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2093-RG1

Company: **I.J. RIIVES**

Date: AUG-05-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 9 ROCK samples submitted JUL-29-09 by .

Sample Number	Au ppb	Au Check ppb	Multi Element
610977 ✓	84	-	RESULTS
610978	324	-	TO
610979	NIL	-	FOLLOW
610980	31	27	
610981	310	-	
610982	3291	3223	
610983	273	-	
610984	1015	-	
610985 ✓	7	-	
BLANK	NIL	-	
STD OxH66	1255	-	

Certified by

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9^v 93RJ

Date : Aug-06-09

I.J. RIIVES

Attention:

Project:

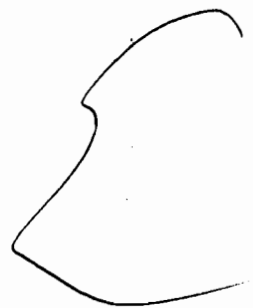
Sample type: Rocks

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

9/10/2009 RJ

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
610977 <i>84</i>	<0.2	1.52	158	51	<0.5	36	3.21	5	48	108	71	7.71	1	0.07	<10	1.86	1790	<2	0.02	40	231	9	2.48	12	5	11	<5	<0.01	<10	22	62	<10	52	4
610979 <i>0</i>	<0.2	1.54	8	58	<0.5	15	2.80	1	27	184	18	3.39	1	0.04	40	2.41	840	<2	0.03	139	1087	4	0.56	7	4	89	11	<0.01	<10	<10	39	<10	50	17
610982 <i>3291</i>	11.0	0.72	1463	24	<0.5	56	3.04	8	29	122	47	11.21	<1	0.06	<10	1.53	695	9	0.01	26	149	26	>5.00	21	2	26	<5	<0.01	<10	30	36	<10	204	4
Duplicates:																																		
610977	<0.2	1.56	151	49	<0.5	37	3.20	5	46	112	72	7.85	<1	0.08	<10	1.80	1792	<2	0.02	39	219	6	2.47	12	5	12	<5	<0.01	<10	21	62	<10	54	4
Standards:																																		
Blank	<0.2	<0.01	<5	<10	<0.5	<5	<0.01	<1	1	<1	<1	<0.01	<1	<0.01	<10	<0.01	<5	<2	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<5	<0.01	<10	<10	<1	<10	<1	<1
CH-4	1.1	1.86	14	321	1.5	23	0.67	4	34	117	2036	5.23	<1	1.51	14	1.27	362	2	0.05	54	666	13	0.68	10	8	8	<5	0.23	<10	<10	86	<10	214	10



A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: _____ *[Signature]*



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2294-RG1

Company: **I.J. RIIVES**

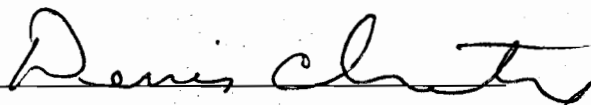
Date: AUG-18-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 11 ROCK samples submitted AUG-13-09 by .

Sample Number	Au ppb	Au Check ppb
610994	549	514
610995	2331	2434
610996	583	-
610997	276	-
610998	106	-
610999	67	-
611000	63	-
188301	123	130
188302	223	-
188303	182	-
188304	790	-

Certified by 

15



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2256-RG1

Company: **I.J. RIIVES**

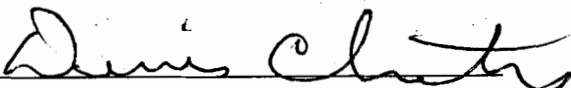
Date: AUG-14-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 8 ROCK samples submitted AUG-12-09 by .

Sample Number	Au ppb	Au Check ppb
610986 ✓	342 ✓	-
610987 ✓	823 ✓	926 ✓
610988	149	-
610989	343	333
610990	735	759
610991	111	-
610992	31	-
610993	94	-

Certified by 



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2340-RG1

Company: **I.J. RIIVES**

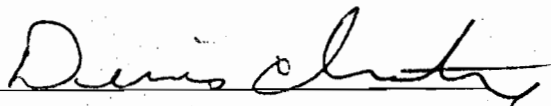
Date: AUG-20-09

Project:

Attn:

We hereby certify the following Geochemical Analysis of 8 ROCK samples submitted AUG-17-09 by .

Sample Number	Au ppb	Au Check ppb	Multi Element
188305	123	-	RESULTS
188306	343	305	TO
188307	190	-	FOLLOW
188308	237	-	
188309	2263	2537	
188310	113	-	
188311	NIL	-	
188312	271	-	

Certified by 

AC. ✓

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W1594RJ

Date : Jun-25-09

I.J. RIVES

Attention:

Project:

Sample type: ROCK

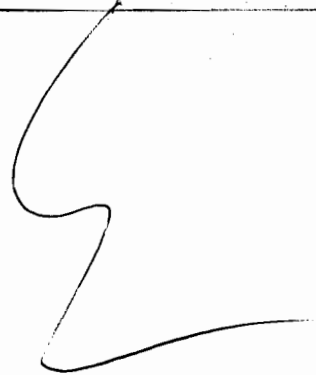
Multi-Element ICP-AES Analysis

Aqua Regia Digestion

HOWIE L.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm	
610877	NIL	<0.2	4.75	14	10	<0.5	10	0.35	1	35	157	96	10.46	1	0.04	<10	2.59	752	<2	0.02	103	679	8	0.96	<5	17	2	<5	0.01	<10	21	244	<10	110	6
610878	36	<0.2	1.64	12	10	<0.5	<5	0.65	<1	30	142	66	4.43	<1	0.09	<10	0.95	402	<2	0.03	57	337	3	0.97	<5	4	4	<5	<0.01	<10	<10	60	<10	44	3
610880	87/94	0.7	0.22	18	23	<0.5	6	1.39	<1	49	175	943	3.84	<1	0.07	<10	0.31	467	18	0.02	31	242	6	1.45	<5	2	10	<5	<0.01	<10	<10	6	<10	13	4

SWAMP SHOWING - S. OF TWILIGHT



NO INVOICES.
(17)

[Signature]

µm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



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Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2431-RG1

Company: **I.J. RIIVES**

Project: H.L.

Attn:

Date: AUG-27-09

We hereby certify the following Geochemical Analysis of 4 ROCK-samples submitted AUG-24-09 by .

Sample Number	Au ppb	Au Check ppb
188313	22	26
188314	190	-
188315	36	-
188316	3	-



Certified by *Dennis Chute*

18

✓ C. C. A G

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W2340RJ

Date : Aug-31-09

I.J Riives

Attention:

Project:

Sample type: rock

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

AL.

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
* 188308 237	2.0	0.56	181	35	<0.5	52	1.51	8	44	185	184	10.44	<1	0.14	<10	0.84	962	<2	0.02	102	92	11	>5.00	18	2	14	<5	<0.01	<10	28	13	<10	42	5
Duplicates: 188308	1.9	0.53	181	33	<0.5	50	1.46	8	43	178	180	10.47	<1	0.12	<10	0.84	966	<2	0.01	102	96	11	>5.00	19	2	14	<5	<0.01	<10	28	13	<10	40	5
Standards: Blank	<0.2	<0.01	<5	<10	<0.5	<5	<0.01	<1	<1	<1	<1	<0.01	<1	<0.01	<10	<0.01	<5	<2	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<5	<0.01	<10	<10	<1	<10	<1	<1
CH-4	1.5	1.67	12	280	0.9	21	0.62	4	32	115	2060	4.84	<1	1.29	12	1.21	333	2	0.04	54	699	13	0.63	11	7	8	<5	0.19	<10	<10	82	<10	209	8

Twilight Z.

* Rusty vein in shear - runs N/S through the cleared area to the swamp on south end.

Handwritten signature and circled number 191.

gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Handwritten signature.



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2621-RG1

Company: **I.J. RIIVES**

Date: SEP-10-09

Project: H.L.

Attn:

We hereby certify the following Geochemical Analysis of 5 ROCK samples submitted SEP-08-09 by .

Sample Number	Au ppb	Multi Element
188318	300	RESULTS
188319	134	TO
188320	228	FOLLOW
188321	19	
188322	38	

Certified by *Dennis Clutter*

20

L.J. RIVES

Attention:

Project: H.L.

Sample type: ROCK

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W 1RJ

Date : Sep-22-09

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm	
188321	<0.2	0.95	44	289	0.6	32	8.50	5	37	92	88	7.25	1	0.53	81	4.27	1703	<2	0.05	60	3126	10	0.26	12	14	701	8	0.05	10	<10	115	<10	122	15	
Duplicates:																																			
188321	<0.2	0.95	44	296	0.6	33	8.62	5	37	94	90	7.33	1	0.52	82	4.34	1727	<2	0.04	68	3142	11	0.26	12	14	706	8	0.05	<10	<10	116	<10	127	14	
Standards:																																			
Blank	<0.2	0.01	<5	<10	<0.5	<5	<0.01	<1	<1	<1	<1	<0.01	<1	<0.01	<10	<0.01	<5	<2	0.01	<1	<10	<2	<0.01	<5	<1	<1	<5	<0.01	<10	<10	<1	<10	1	<1	
CH-4	1.7	1.79	11	321	0.5	23	0.64	4	31	115	2102	5.09	<1	1.37	13	1.39	350	2	0.05	58	693	18	0.64	14	7	8	<5	0.22	<10	<10	80	<10	219	11	



21

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: 



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Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2818-RG1

Company: **I.J. RIIVES**

Project: **H.L.**

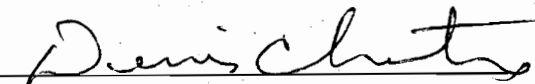
Attn:

Date: SEP-30-09

We hereby certify the following Geochemical Analysis of 7 ROCK samples submitted SEP-21-09 by .

Sample Number	Au ppb	Au Check ppb
188324	46	-
188328	3411	-
188329	2623	-
188330	3154	-
188331	3960	2983
188332	48	-
188333	2589	2606

Certified by



22



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Geochemical Analysis Certificate

9W-3328-RG1

Company: **I.J. RIIVES**
Project: **HL**
Attn:

Date: NOV-09-09

We hereby certify the following Geochemical Analysis of 6 ROCK samples submitted NOV-02-09 by .

Sample Number	Au ppb	Au Check ppb	Ag ppm	Multi Element
188345	2914	2983	-	RESULTS
188346	336	-	-	TO
188347	389	-	1.0	FOLLOW
188348	1200	1371	-	
188349	5177	5554	-	
188350	350	-	-	
BLANK	NIL	-		
STD OxH66	1267	-		

Certified by Denis Chute
CHARTRE

23



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-3345-RG1

Company: **I.J. RIIVES**

Project: **HL**

Attn:

Date: NOV-09-09

We hereby certify the following Geochemical Analysis of 10 ROCK samples submitted NOV-03-09 by .

Sample Number	Au ppb	Au Check ppb
188334	1274 ✓	-
188336	30480	31749
188337	103	-
188338	1611	-
188339	1680	1608
188340	754	-
188341	103	110
188342	17	9
188343	177	-
188344	441	-

Certified by



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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-3506-RG1

Company: **I.J. RIIVES**
Project: **H.L.**
Attn:

Date: NOV-24-09

We hereby certify the following Geochemical Analysis of 3 ROCK samples submitted NOV-17-09 by .

Sample Number	Au ppb	Au Check ppb
188351	8743	8914
188352	331	-
188353	107	-

Certified by *Dennis Chutro*

(24)



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-3546-RG1

Company: **I.J. RIIVES**

Date: NOV-26-09

Project: H.L.

Attn:

We hereby certify the following Geochemical Analysis of 3 ROCK samples submitted NOV-20-09 by .

Sample Number	Au ppb	AuCheck ppb	Multi Element
188354	1073	-	RESULTS
188355	480	305	TO
188356	1574	-	FOLLOW

Certified by *Denis Chute*



Swastika Laboratories Ltd.

P.O. Box 10, 1 Cameron Avenue

Swastika, ON P0K 1T0

Tel: (705) 642-3244 Fax: (705)-642-3300

Certificate No: 9W-3546-RG1

Date: NOV-27-09

Company: I.J. RIIVES

Attention:

Project: H.L.

Sample Type: ROCK

Multi-Element ICP-AES Analysis

A4

Sample Number	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sn	Sr	Te	Ti	V	W	Y	Zn	Zr	
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
188354	1073	1.0	0.76	509	14	<0.5	<5	0.03	<1	11	34	82	3.31	<1	0.05	0.29	77	<2	0.01	16	76	<2	<5	3	<10	2	3	<0.01	36	<10	<1	9	1
188355	480	0.4	2.39	304	28	<0.5	9	0.51	<1	24	67	94	8.45	<1	0.11	1.39	321	<2	0.04	42	88	16	19	4	<10	6	8	<0.01	61	<10	<1	34	3
188356	1574	1.6	1.13	>10000	26	<0.5	8	0.09	<1	26	38	84	5.54	<1	0.08	0.51	211	<2	0.03	36	79	11	62	5	<10	5	6	<0.01	44	<10	<1	26	2

Signed: Paul Chastre

85

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9W3328RJ

Date : Nov-25-09

I.J. RIVES

Attention:

Project: HL

Sample type: Rock

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

A4

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm	
188348 1371	0.7	0.58	8357	24	<0.5	26	1.15	1	39	30	46	5.41	<1	0.05	<10	0.54	312	2	0.03	54	366	7	3.66	53	2	8	<5	<0.01	<10	13	29	<10	30	3	
Duplicates:																																			
188348	0.6	0.57	8451	24	<0.5	26	1.17	<1	39	29	45	5.36	<1	0.05	<10	0.55	328	2	0.03	55	371	5	3.59	54	2	8	<5	<0.01	<10	15	28	<10	32	3	
Standards:																																			
Blank	<0.2	<0.01	<5	<10	<0.5	<5	<0.01	<1	<1	1	<1	<0.01	<1	<0.01	<10	<0.01	<5	<2	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<5	<0.01	<10	<10	<1	<10	<1	<1	
CH-4	1.8	1.80	14	312	<0.5	20	0.62	3	33	116	2015	4.97	<1	1.41	14	1.35	340	3	0.05	54	703	21	0.64	11	7	8	<5	0.19	<10	<10	88	<10	220	9	

gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: _____

26

I.J. RIVES

Attention:

Project: H.L.

Sample type: Rock

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V 46RJ

Date : Dec-08-09

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm			
188354 1073	0.7	0.72	526	19	<0.5	16	0.04	2	11	41	85	3.79	<1	0.06	<10	0.32	91	<2	0.02	19	94	7	0.67	8	3	2	<5	<0.01	<10	<10	40	<10	24	2			
188355 480	<0.2	2.26	320	35	<0.5	43	0.61	6	27	90	97	9.30	<1	0.11	<10	1.57	386	<2	0.01	57	263	19	1.02	19	5	7	<5	0.01	<10	21	77	<10	48	4			
188356 1574	1.2	1.02	>10000	32	<0.5	30	0.11	1	28	47	78	6.02	<1	0.08	<10	0.56	244	2	0.04	46	296	11	2.55	52	4	6	<5	<0.01	<10	12	49	<10	34	3			
Duplicates:																																					
188354	0.7	0.71	517	18	<0.5	16	0.04	2	11	40	76	3.70	<1	0.06	<10	0.32	89	<2	0.02	19	92	6	0.65	7	3	2	<5	<0.01	<10	<10	39	<10	17	2			
Standards:																																					
Blank	<0.2	<0.01	<5	<10	<0.5	<5	<0.01	<1	<1	<1	<1	<0.01	<1	<0.01	<10	<0.01	<5	<2	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<5	<0.01	<10	<10	<1	<10	<1	<1			
CH-4	1.8	1.69	15	299	<0.5	21	0.60	4	29	108	1970	4.70	<1	1.26	13	1.25	328	2	0.05	53	643	20	0.59	11	7	8	<5	0.20	<10	<10	81	<10	214	11			

27

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Signed: 



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Assaying - Consulting - Representation

ALEX

9W-2784-RG1

Geochemical Analysis Certificate

Company: **ALEX GLATZ**

Date: SEP-22-09

Project:

Att:

We hereby certify the following Geochemical Analysis of 6 ROCK samples submitted SEP-18-09 by .

Sample Number	Au ppb	Au Check ppb
188325	NIL ✓	-
* 188326	156	134
188327	3	-
1125	NIL	-
EXTRA 188325-A	17	-
EXTRA 188326-B	17	-

6

6

129⁶⁰

3 S. END OF HOWIE

* my SAM BOOK HAS IT AT S. END OF HOWIE L. RUSTY OUTCROP ON CLIFF SIDE WHERE YOU HAD 1100 PPB (AD.)

Certified by Dominic Chuter

28



Swastika Laboratories Ltd

Assaying - Consulting - Representation

ALEX

Assay Certificate

9W-2537-RA1

Date: SEP-15-09

Company: **ALEX GLATZ**
Project: .
Attn: **ALEX GLATZ**

We hereby certify the following Assay of 7 CORE AND ROCK samples submitted AUG-31-09 by .

Sample Number	Au g/tonne	Au CHECK g/tonne	MULTI ELEMENT RESULTS
1091	0.12	-	RESULTS
1092	10.63	13.30	TO
1093	0.89	-	FOLLOW
1094	NIL	-	
1095	0.02	-	
* 1036	0.84	0.86 ✓	HOWIE SHOWING HOWIE red carbonate could be silicate
1097	7.97	8.02	

#1036 * 840 PPM Au

20th

Certified by Dennis Chutro

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

29



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Geochemical Analysis Certificate

9W-3366-RG1

DATE: NOV-10-09

AG

Company: **ALEX GLATZ**

Project:

Attn:

We hereby certify the following Geochemical Analysis of 9 ROCK samples submitted NOV-04-09 by

Sample Number	Au Fpb	Au Check ppb	Ag ppm	
1144	12 <i>N</i>	-	0.2	HOWIE BASE LINE, WEST END
1145	16989 <i>✓</i>	16252 <i>Fiji</i>	2.7	HOWIE TOP OF HILL ESSO SHOWING
1146	429 <i>✓</i>	490	0.9	JOE'S STRIPPING, RED SEAM'S HOWIE SHOWING
1147 <i>V</i>	185 <i>✓</i>	-	0.7	ON ROAD - KATISHAL. MAIN
1148 <i>V</i>	21 <i>✓</i>	-	0.2	BOAT LANDING - KAWIE L.
1149	50	-	0.2	
1150	17	-	0.2	
1151	12	-	0.2	
1152	17	-	0.2	

5 AU *5 AG*

[Handwritten scribble]

98
+

Certified by *Dennis Glatz*

1 Cameron Ave, P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

30

N



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Assaying - Consulting - Representation

Page 1 of 1

Assay Certificate

Certificate Number: 10-174

Company: **I.J. Riives**

Project: **HL**

Report Date: **27-Jan-10**

Attn: **I.J. Riives**

We hereby certify the following Assay of 21 soil samples submitted 21-Jan-10 by I.J. Riives

Sample Number	Au	Au Chk
	FA-AAS ppb	FA-AAS ppb
HUMUS 1	42	
HUMUS 2	20	
HUMUS 3	55	
HUMUS 4	14	
HUMUS 5	37	
HUMUS 6	46	
HUMUS 7	23	
HUMUS 8	39	
HUMUS 9	23	
HUMUS 10	26	25
HUMUS 11	34	
HUMUS 12	25	
HUMUS 13	33	
HUMUS 14	15	
HUMUS 15	27	
HUMUS 16	7	
HUMUS 17	26	
HUMUS 18	32	
HUMUS 19		
HUMUS 20	31	27
SOIL 7A	27	

Certified by Denis Chartre

Denis Chartre

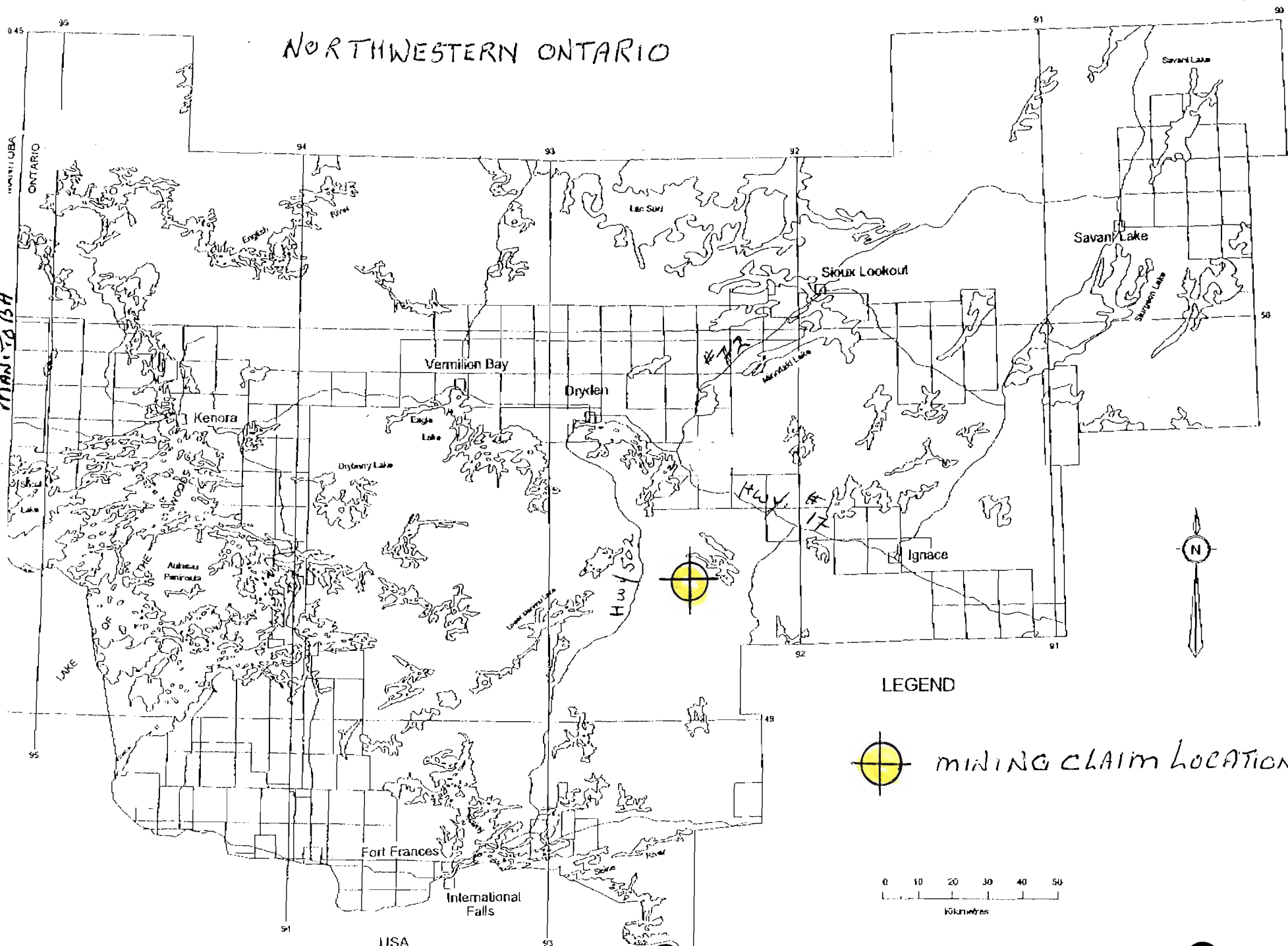
1. listed not received

131


Maps

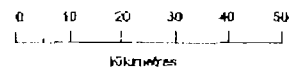
Area Location

NORTHWESTERN ONTARIO

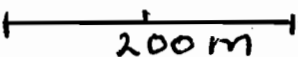


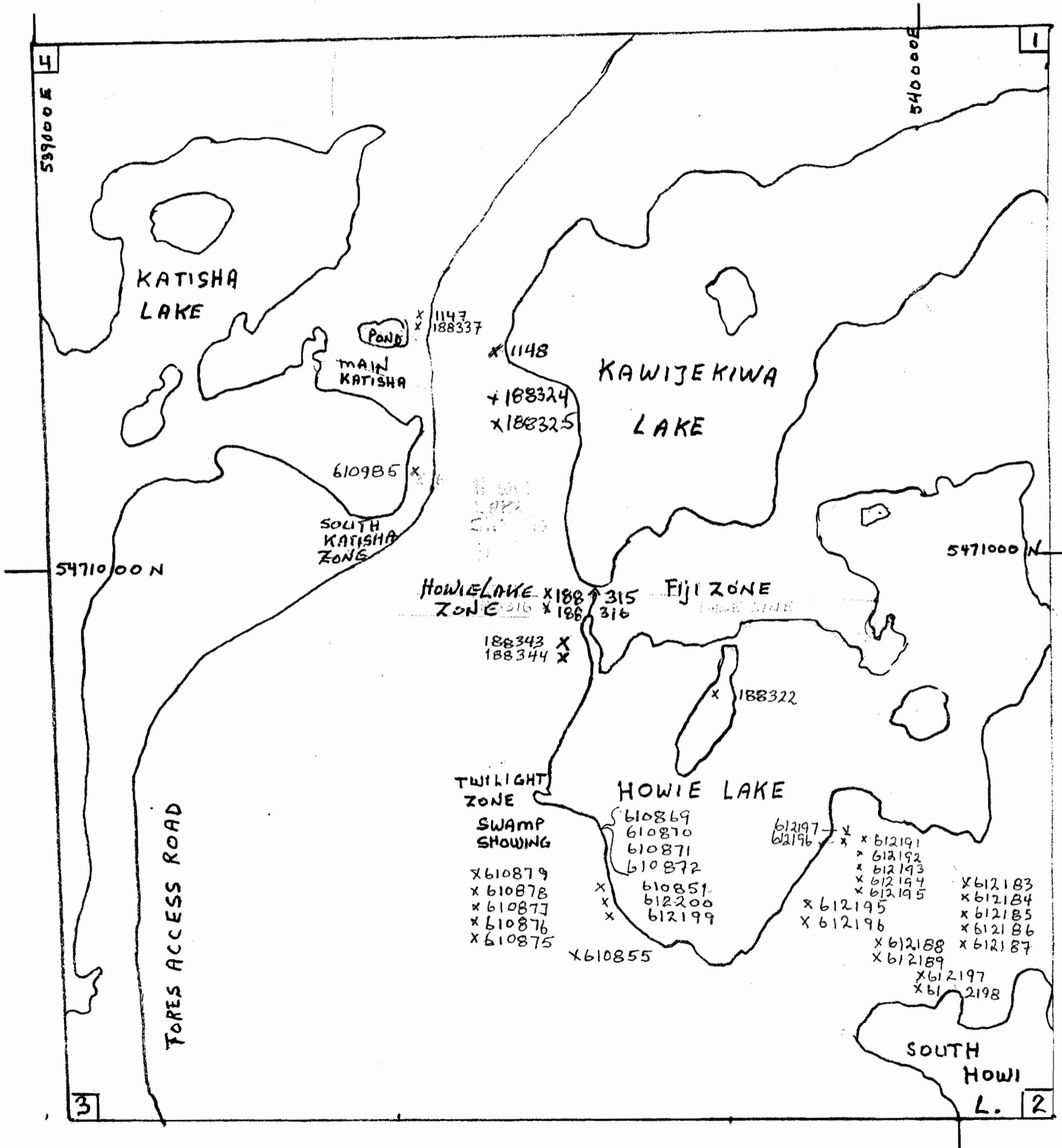
LEGEND

 MINING CLAIM LOCATION



General Sampling

N
 HOWIE LAKE GOLD PROJECT
 SAMPLE LOCATION MAP
 SCALE 1:5000  200m
 UTM GRID NAD 83
 NOVEMBER 2009



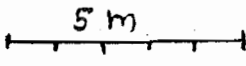
Main Katisha Sampling

CHIP SAMPLE LOCATION MAP

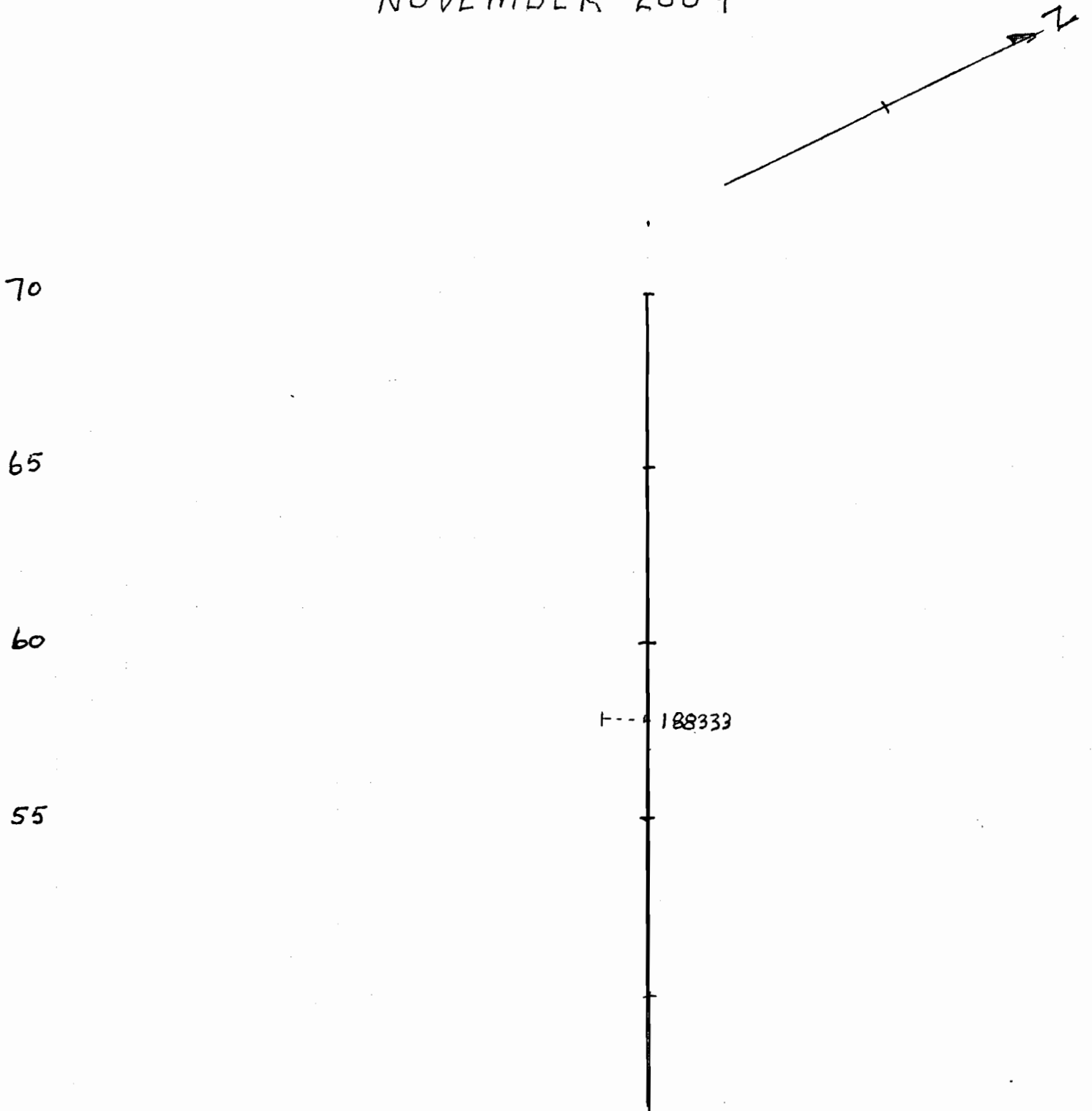
HOWIE LAKE GOLD PROJECT

MAIN KATISHA SHOWING

BASE LINE N65°W

SCALE 

NOVEMBER 2009



50
45
40
35
30
25
20
15
10
5
0

188332

188331

188330

188329

188328

188334

188336

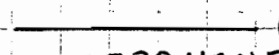
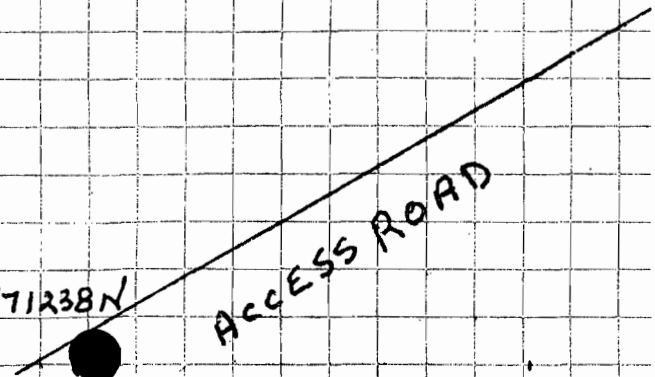
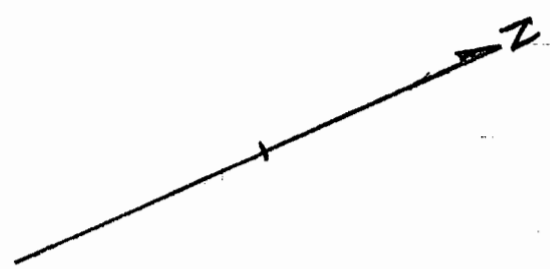
I

30m

0539424E 5471238N

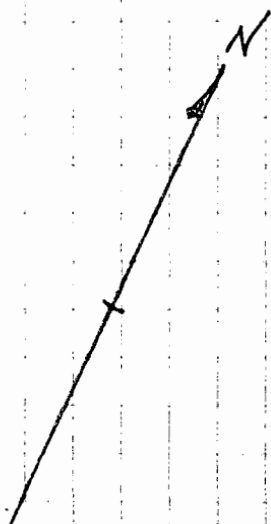
ACCESS ROAD

Z

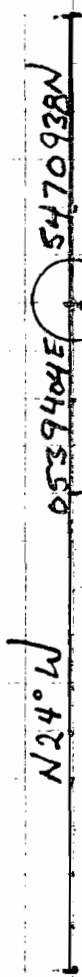


Howie Lake Zone Sampling

HOWIE LAKE GOLD
HOWIE LAKE ZONE
KEY MAP TO BRANCH LINES
SCALE $\overline{\hspace{2cm}}$ 30 m



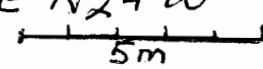
100 m
90
80
70
60
50
40
30
20
10
0 m

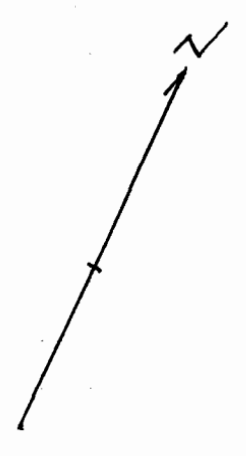


N. 45° E.
35 m

N 74° E
100 m

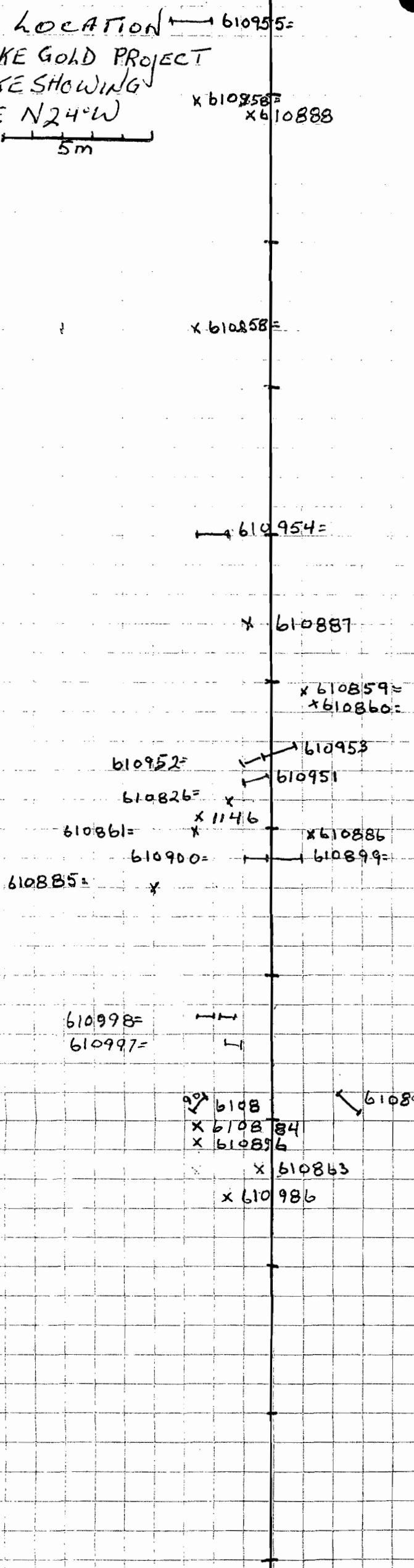
100
90
80
70
60
50
40
30
20
10
0

SAMPLE LOCATION → 610955=
 HOWIE LAKE GOLD PROJECT
 HOWIE LAKE SHOWING
 BASE LINE N24°W
 SCALE  5m



50m
 45
 40
 35
 30
 25
 20
 15
 10
 5m
 0

x
 A, G, PINE ROOT



100m

95

X610949=
X61000=
X188301=

90

85

80

610889= x

X610980=

75

X 610979

BRANCH LINE N.45°E

70

BRANCH L. N74°E

65

X610856

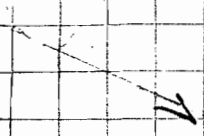
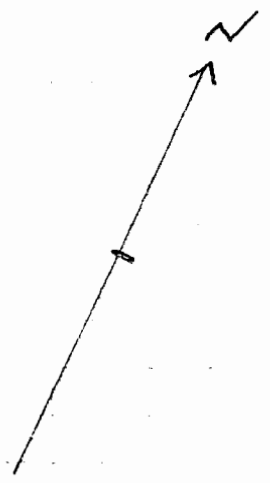
60

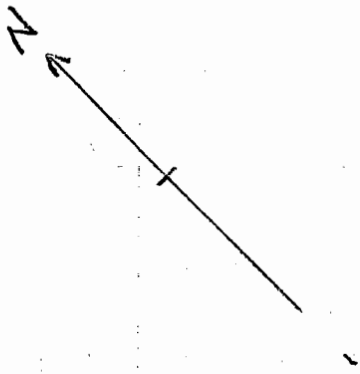
X610977=

X 610978=

55m N

X610857=
X610956=
610962=
610961=
610960=
610959=





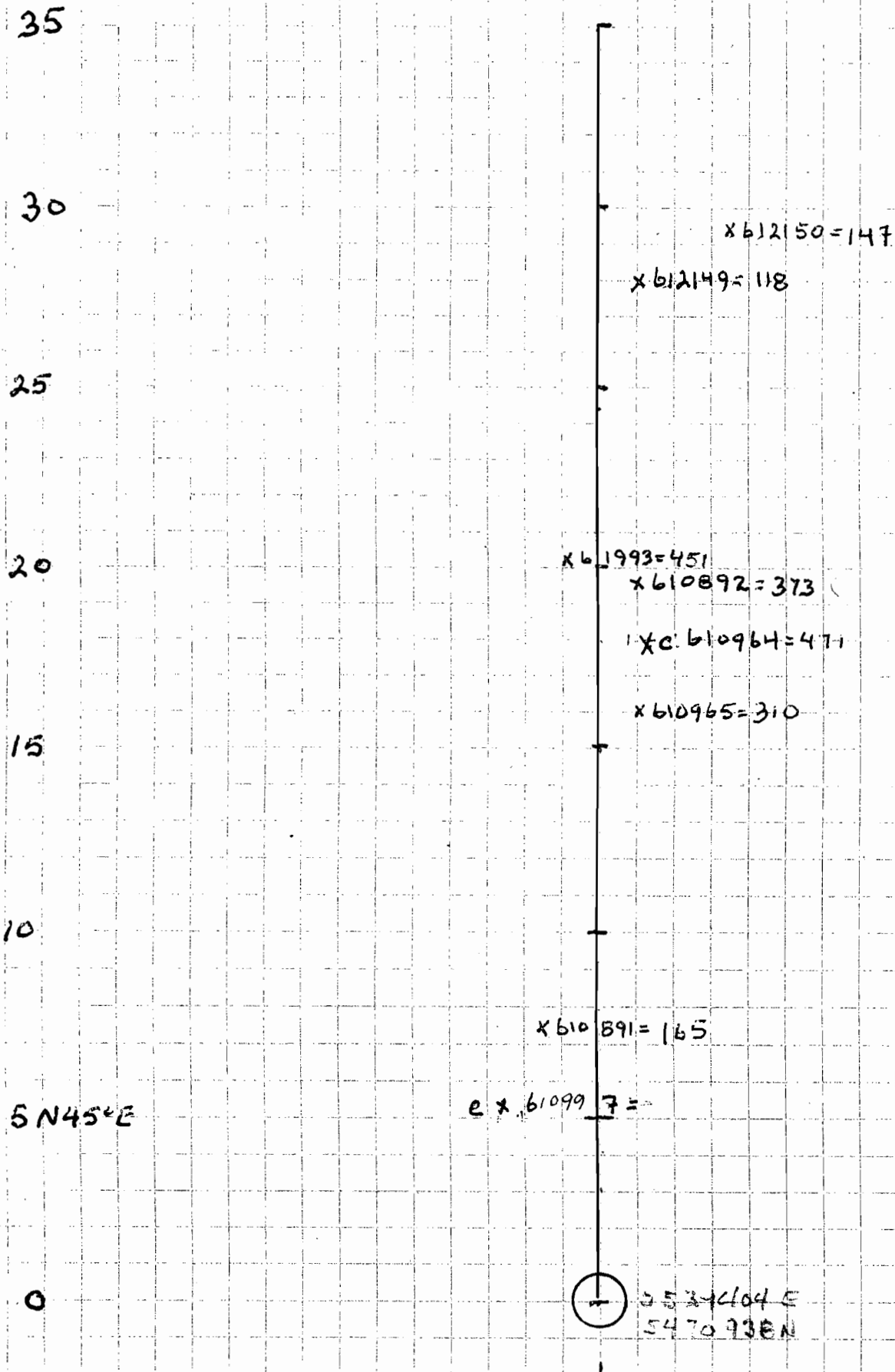
HOWIE LAKE STATIONS

BRANCH LINE N. 45° E FROM B.L. N 24° W AT 70m

SCALE $\overline{\hspace{2cm}} 5m$

GRAB SAMPLE X

CHIP SAMPLE XC



50

45

40

35

30

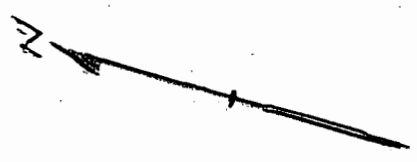
25

20

15

10

5



610987 = ...
610974

x 612146

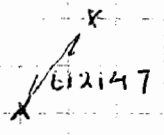
x 612145

x 610989

690975
690976

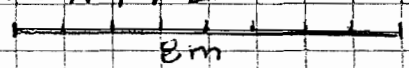


610974

x 189304




x 612148
x 188302

x 188303

HOWIE LAKE GOLD PROJECT
 HOWIE LAKE SHOWING
 SIDE LINE N74°E
 SCALE  8m
 CANNEL SAMPLE 
 CHIP SAMPLE 
 GRAB SAMPLE x

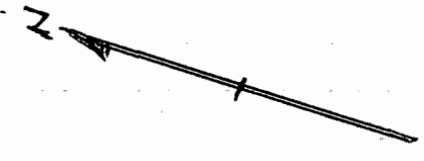
0 N74°E

 0539404E / 5470938N

100

0539498 E 5470964 N

95



90

85

X610993

80

X610992

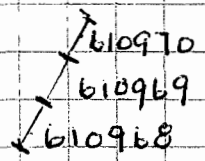
75

X610991

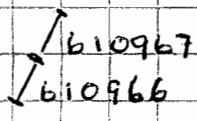
70

X610990

65

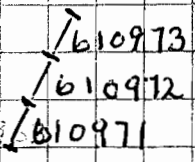


60



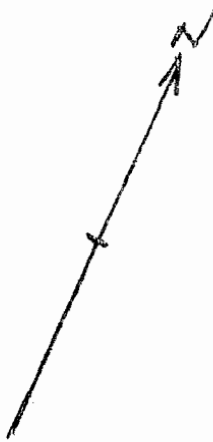
55

610989 X



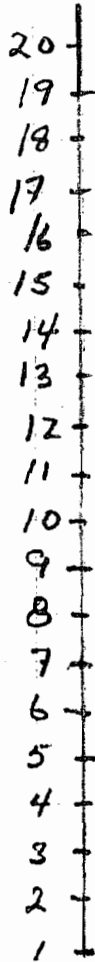
50

HOWIE LAKE GOLD
HOWIE LAKE ZONE
HUMUS SAMPLING MAP
SCALE 30m



0539406E
5170960N

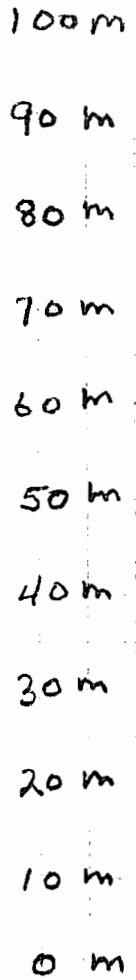
BLACK SPRUCE, CEDAR, ALDER



SAMPLING AREA

7A SOIL

HOWIE LAKE BASELINE N24°W



Twilight Zone Sampling



* 612070
X 188319
X 188320

* 188321

→ * 610895 =

50

45

40

X 610854

35

X 188309 =

↑

X 188308 =

X 188307 =

X 610982 =

X 610984 =

X 610983

30

X 188306 =

25

20

SAMPLE LOCATION
HOWIE LAKE GOLD PROJECT.
TWILIGHT ZONE
CANNEL SAMPLE |—|
CHIP SAMPLE |—|
GRAB SAMPLE X

15

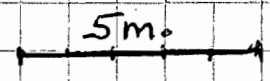
X 188310

X 610874

X 610873

BASE LINE DUE NORTH.

SCALE

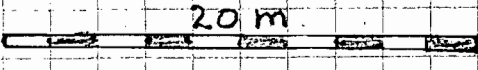


0539505E / 5470691N

Fiji Zone Sampling

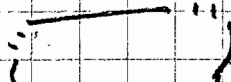
SAMPLE LOCATION

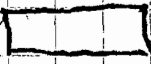
HOWIE LAKE GOLD PROJECT - FIJI ZONE

SCALE  20m

NOVEMBER 2009

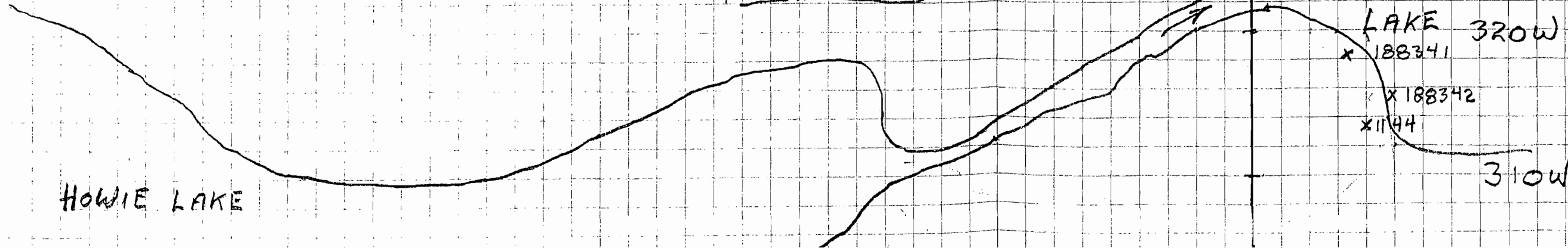
CLAIM 4205133

HEAVILY ALTERED AREA 

PIT OR TRENCH 

GRAB SAMPLE x

CHIP SAMPLE xc



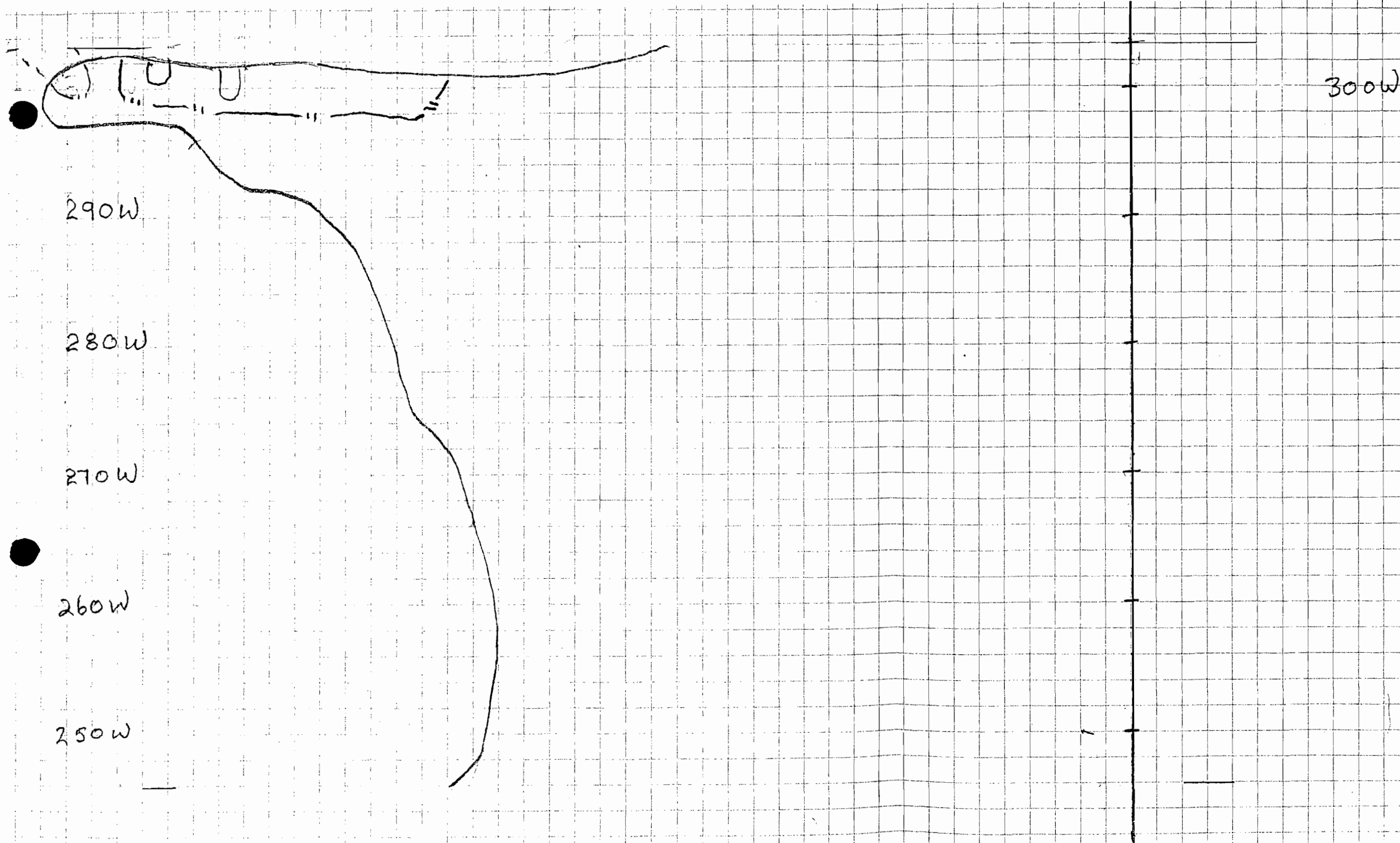
x 188344
x 188343

0539613E 5470944N
KAWJEKIWA

LAKE
x 188341
x 188342
xc 1144

HOWIE LAKE

340W
330W
320W
310W



300W

290W

280W

270W

260W

250W

● -240W

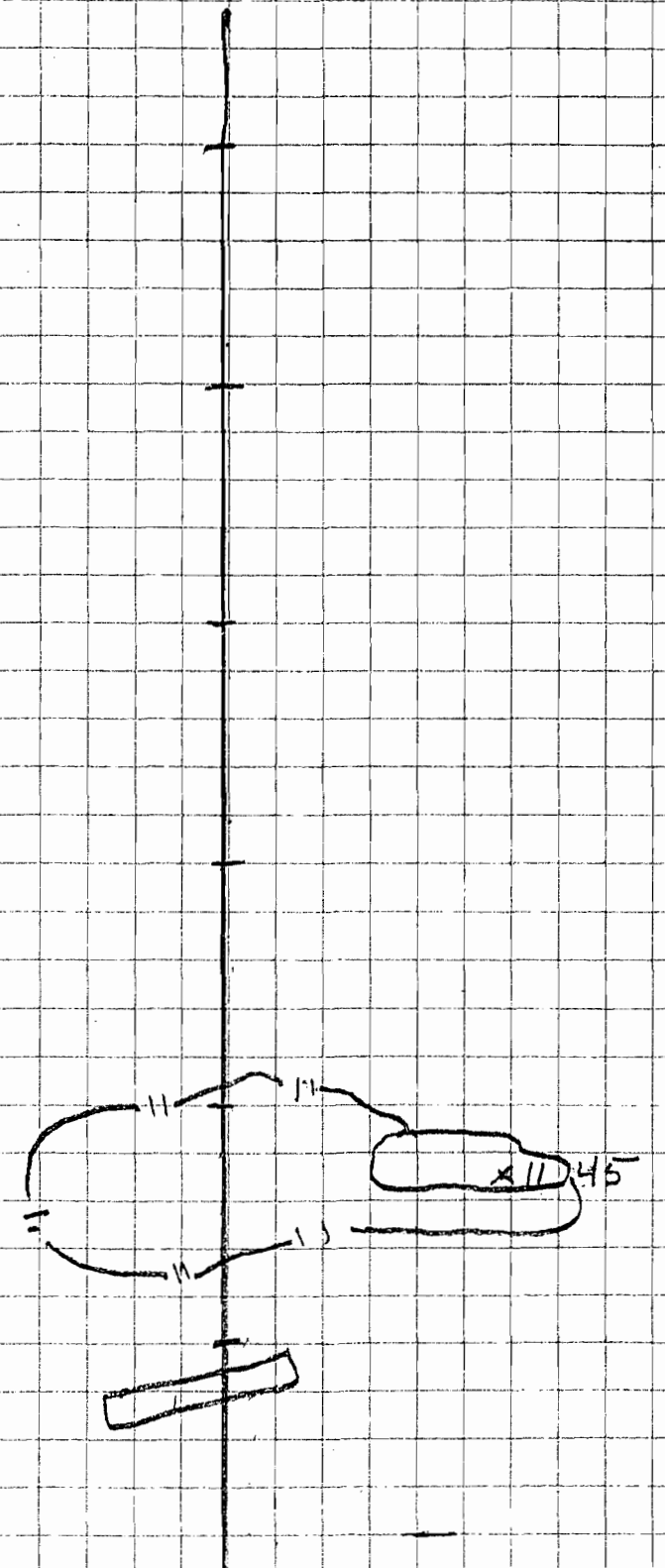
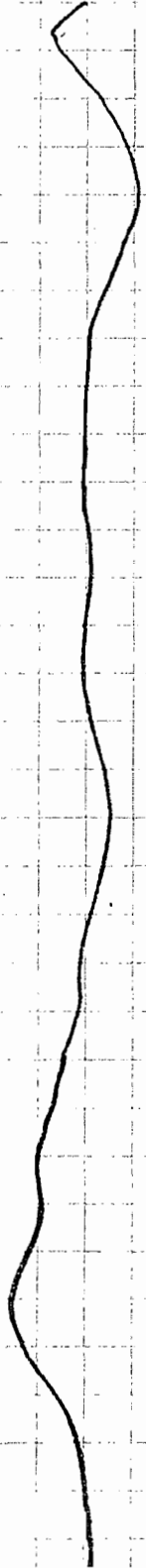
230W

220W

210W

● 200W

190W



180W

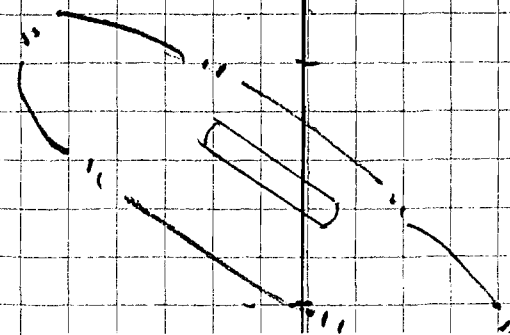
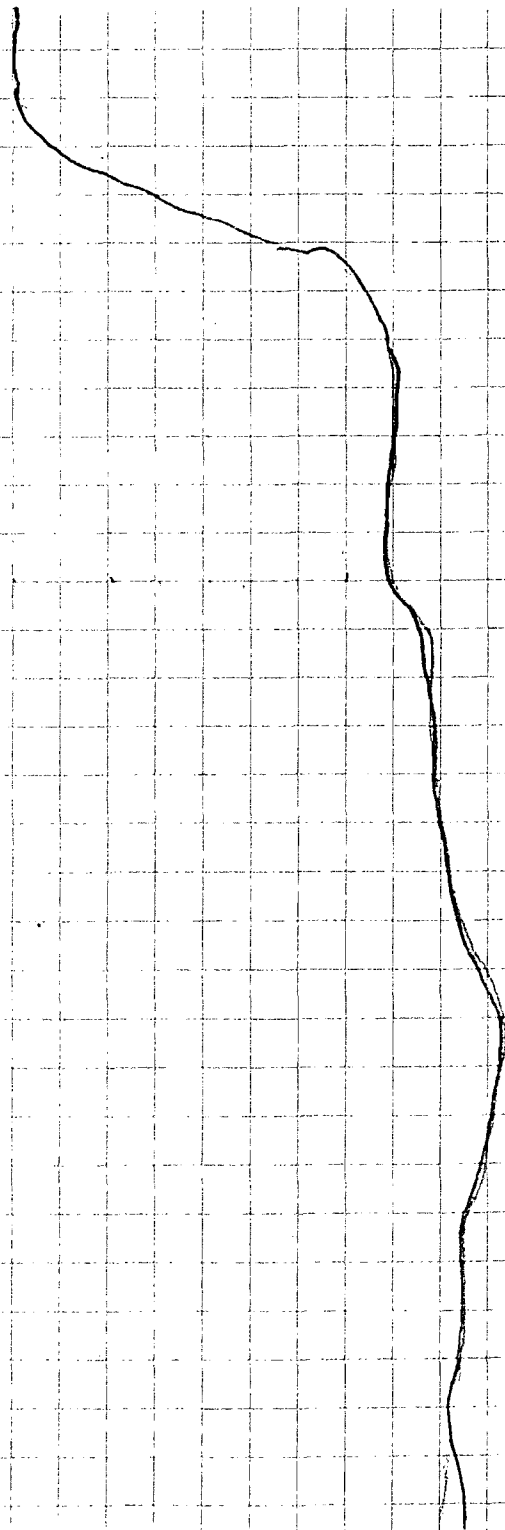
170W

160W

150W

140W

130W



120W

110W

100W

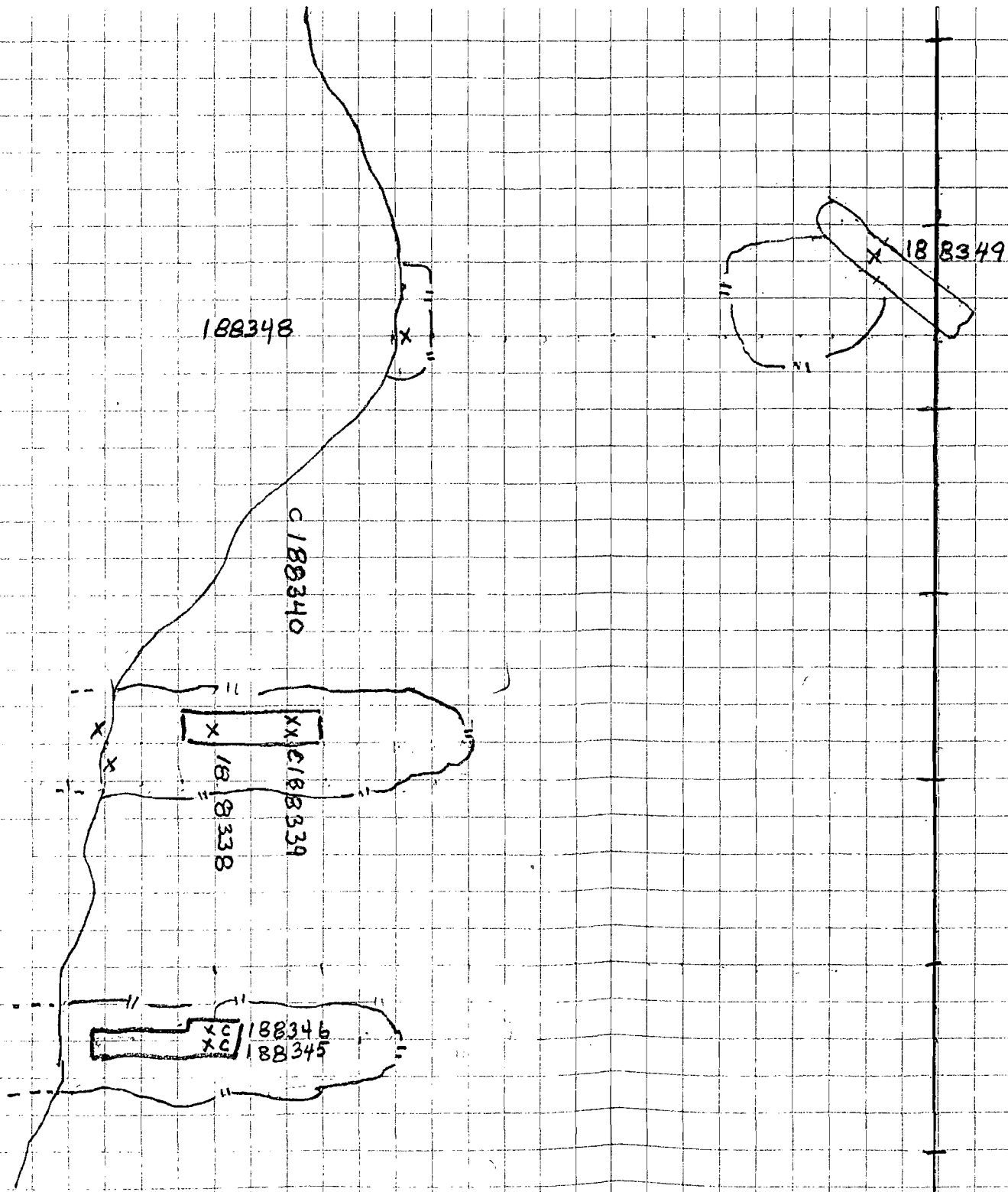
90W

80W

70W

60W

HOWIE LAKE



● 50w

40w

30w

20w

●
T
DIE
O
LAKE
O
M

*188352 *

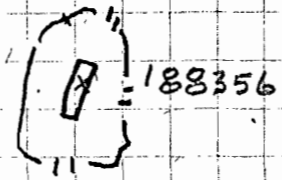
X188351

*188355

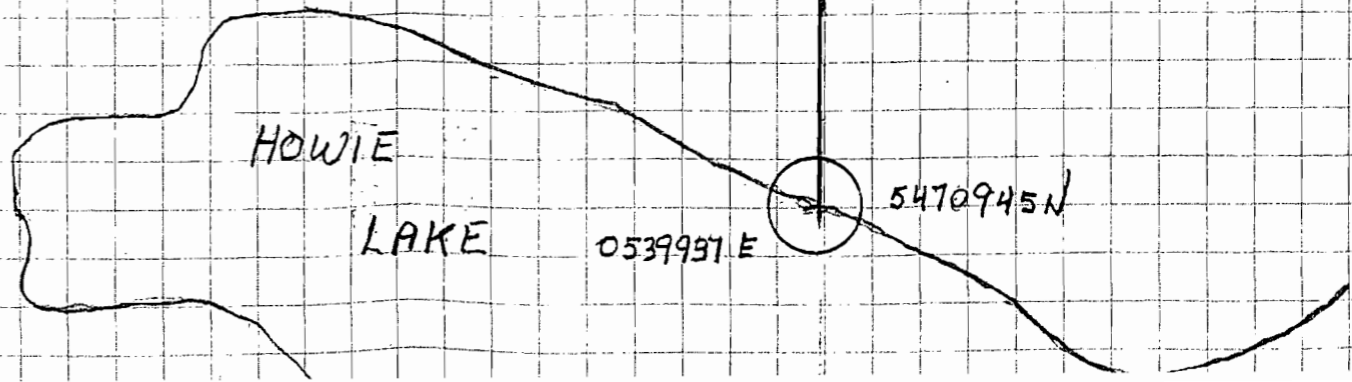
X 188354

X 188353

*612020



188356



HOWIE

LAKE

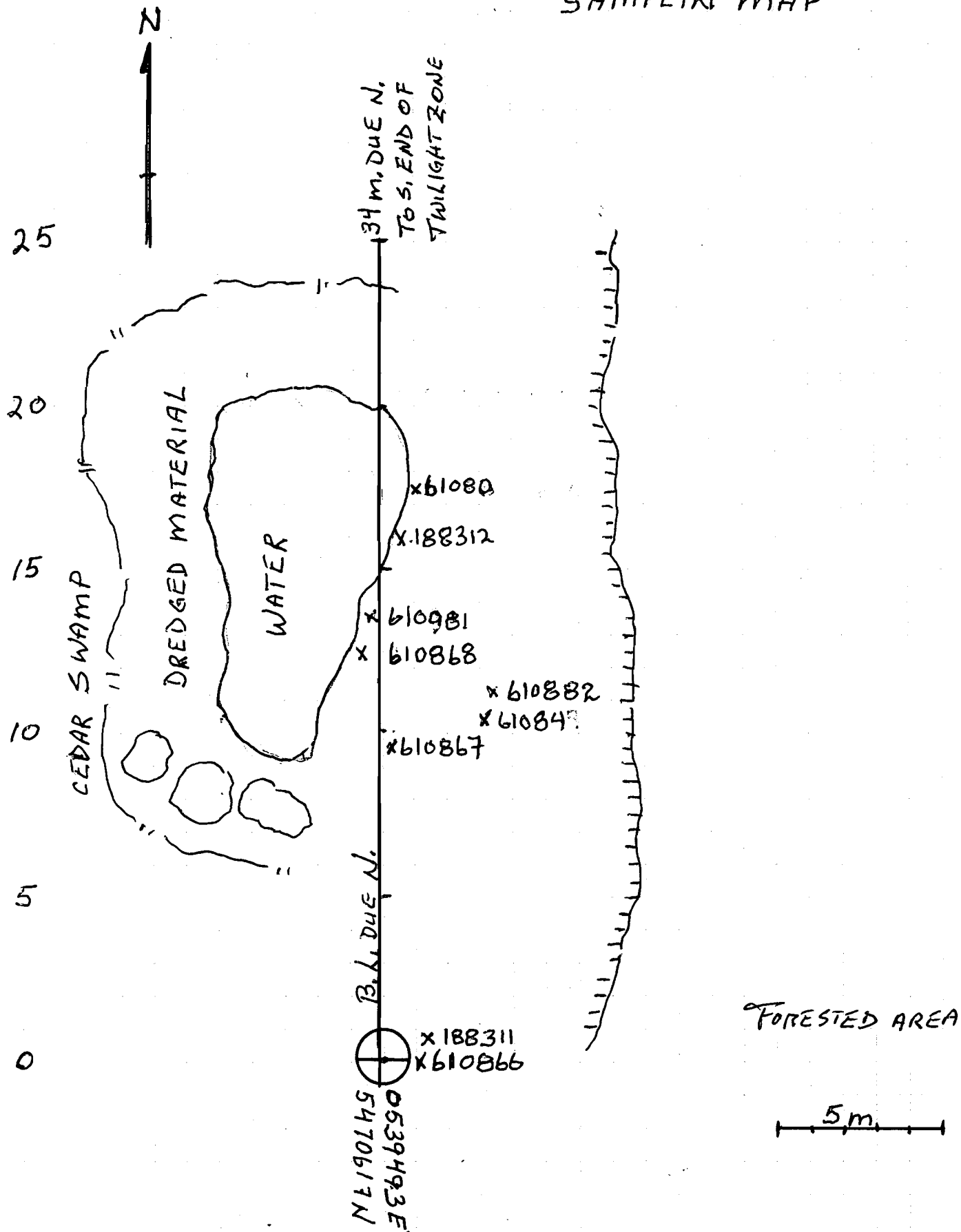
0539991 E

5470945N

BASE LINE

Swamp Showing Sampling

HOWIE LAKE GOLD
THE SWAMP SHOWING
SAMPLING MAP



Area Traversed

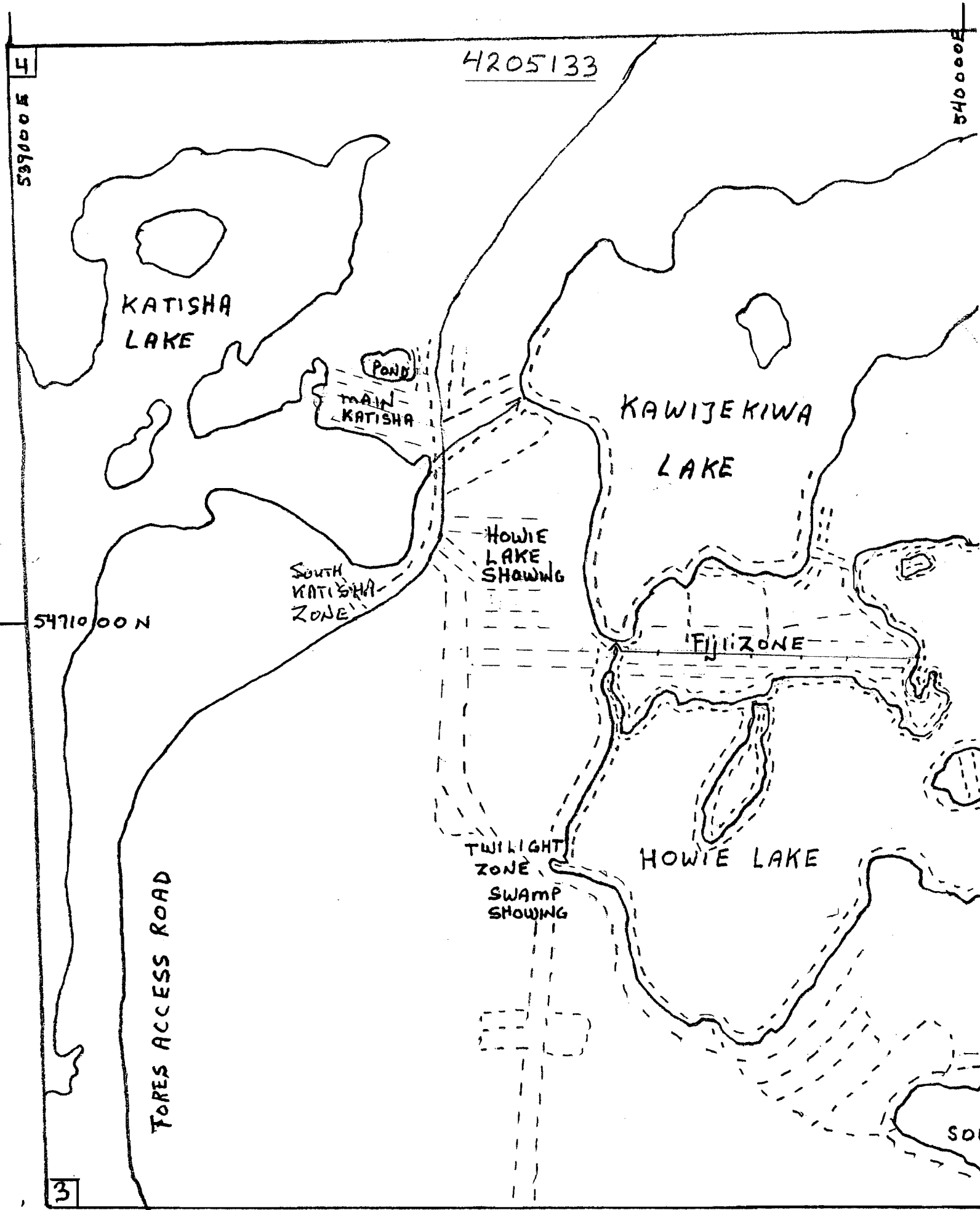
HOWIE LAKE GOLD PROJECT

AREA TRAVERSED -----

SCALE 1:5000

UTM GRID NAD 83

NOVEMBER 2009



Geology

HOWIE LAKE GOLD PROJECT

GEOLOGY MAP

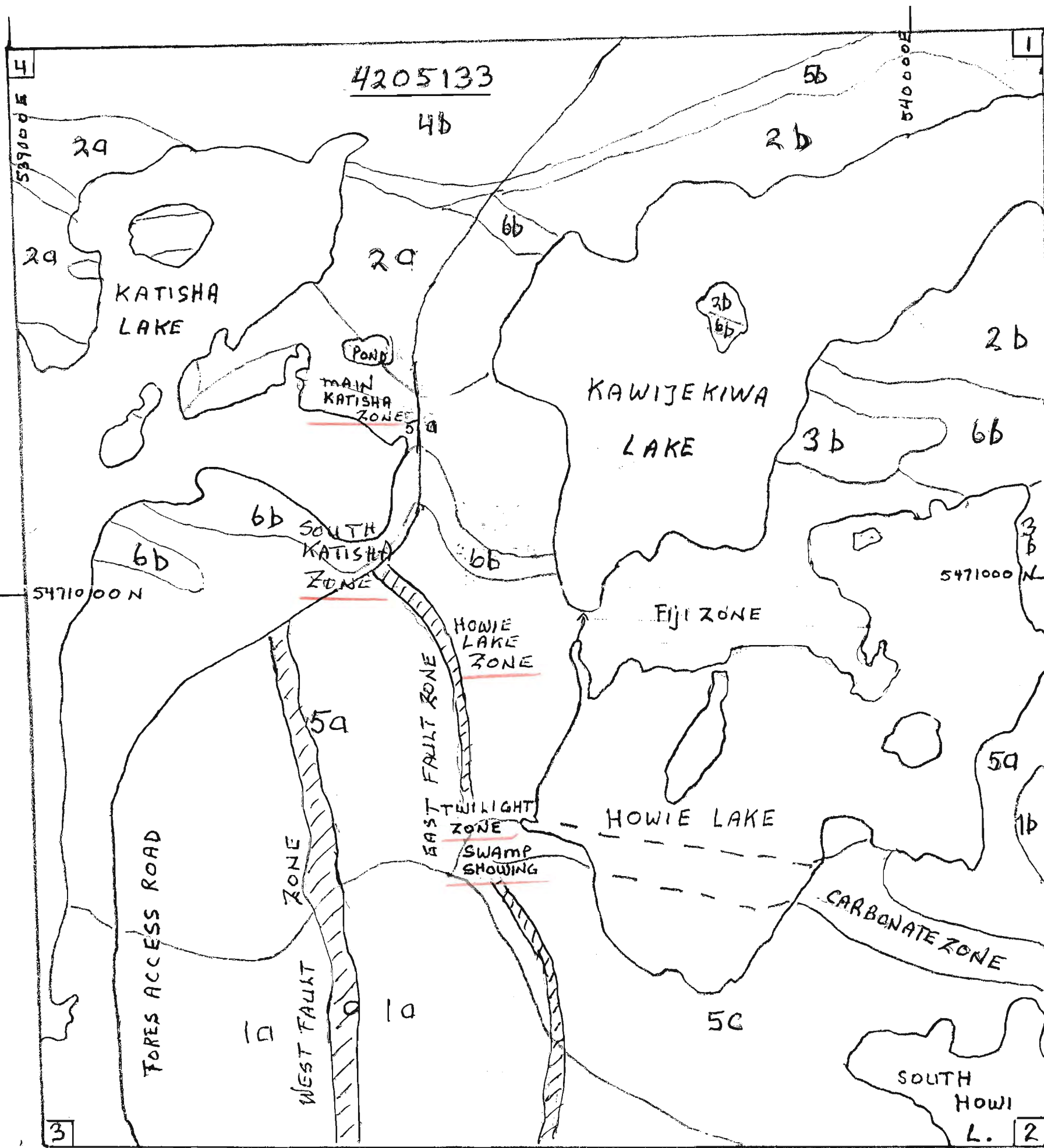
SCALE 1:5000 200m

UTM GRID NAD 83

NOVEMBER 2009

Esso Minerals 1984 Geology

- 1 Mafic Volcanics a) massive flows b) pillowed c) coarse
- 2 Intermediate Volcanics a) flow b) tuff c) agglomerate d) breccia
- 3 Felsic Metavolcanics a) flow b) tuff c) breccia
- 4 Metasediments a) argillite b) conglomerate
- 5 Gabbro a) massive b) pyroxenite c) porphyritic
- 6 Felsic Intrusive a) quartz porphyry B) quartz diorite

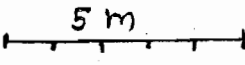


GEOLOGY MAP

HOWIE LAKE GOLD PROJECT

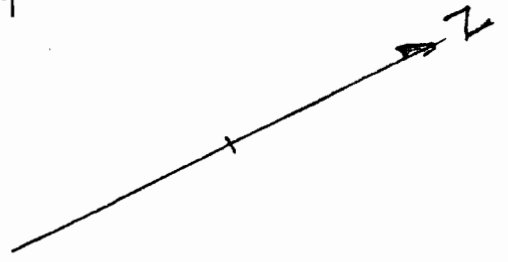
MAIN KATISHA SHOWING

BASE LINE N65°W

SCALE 

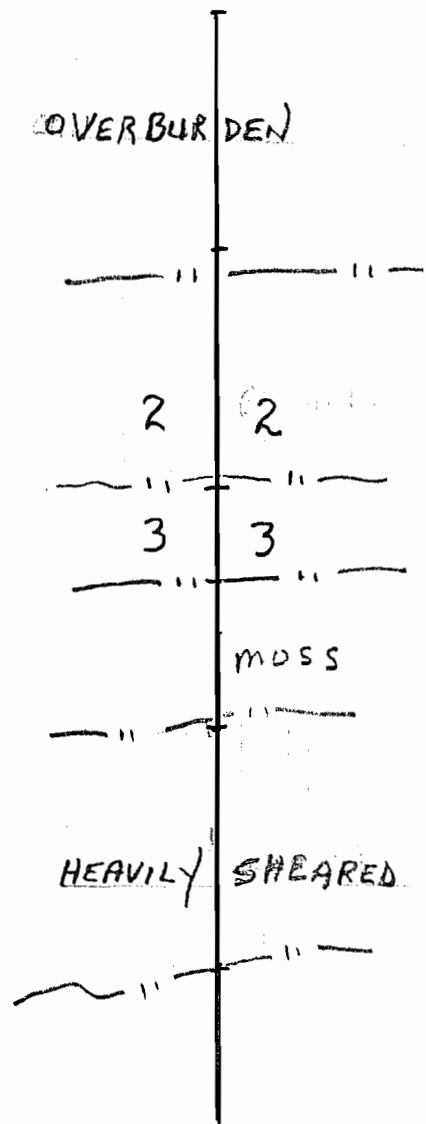
NOVEMBER 2009

- 1 - GABBRO
- 2 - META VOLCANICS
- 3 - QUARTZ PORPHYRY
- 4 - METASEDIMENTS



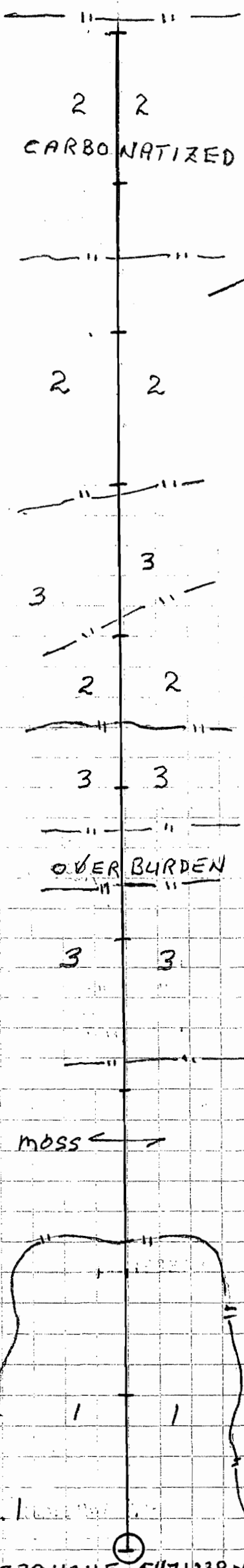
70
65
60
55

FORESTED



FORESTED

5
45
40
35
30
25
20
10
5
0



FORESTED AREA

FORESTED AREA

PARTLY CARBONATIZED

0539424E 5471238N

ACCESS ROAD

CARBONATIZED

OVER BURDEN

MOSS ←

GEOLOGY MAP
 HOWIE LAKE GOLD PROJECT
 HOWIE LAKE SHOWING
 BASE LINE N24°W
 SCALE

50m

45

40

35

30

25

20

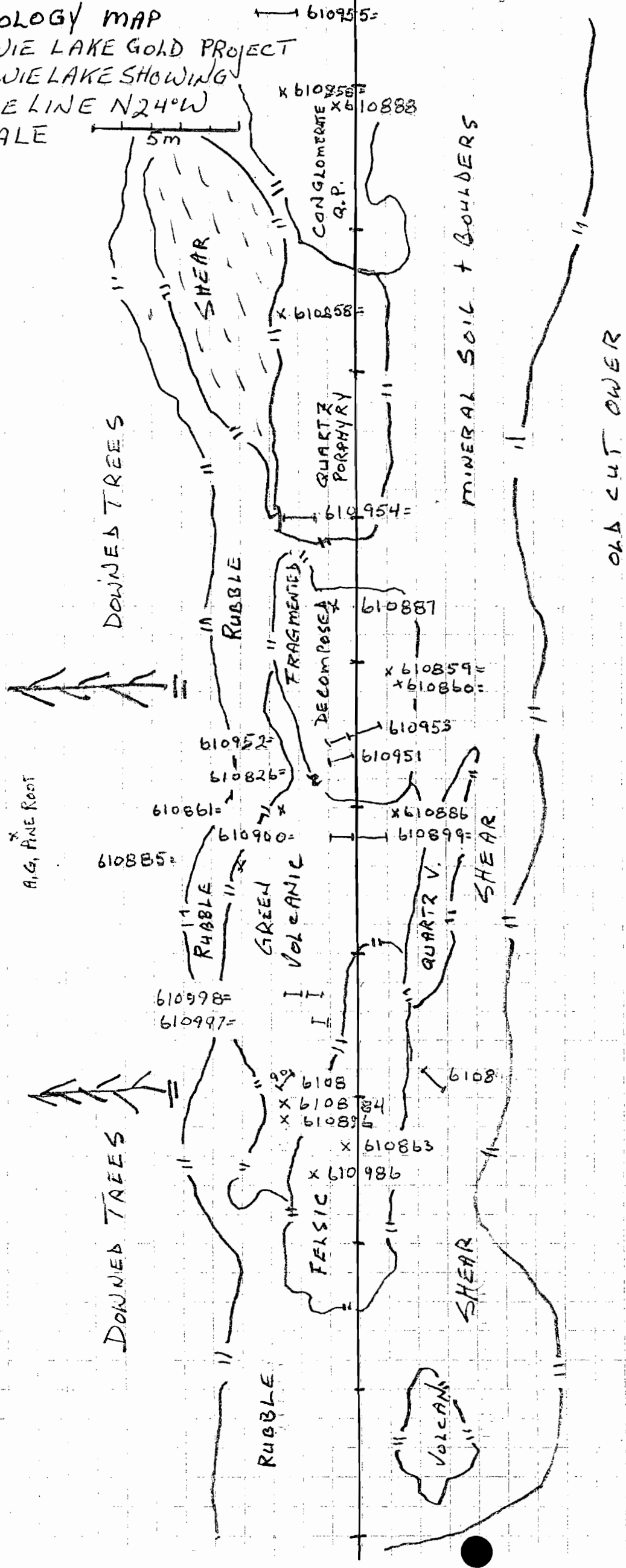
15

10

5m

0

EAST FAULT ZONE CEDAR, BLACK SPRUCE, ALDER



HOWIE LAKE ZONE

100m

95

90

85

80

75

70

65

60

55m N

CEGAR, BLACK SPR, ALDER
DOWNED TREES

ZONE

EAST FAULT

DOWNED TREES

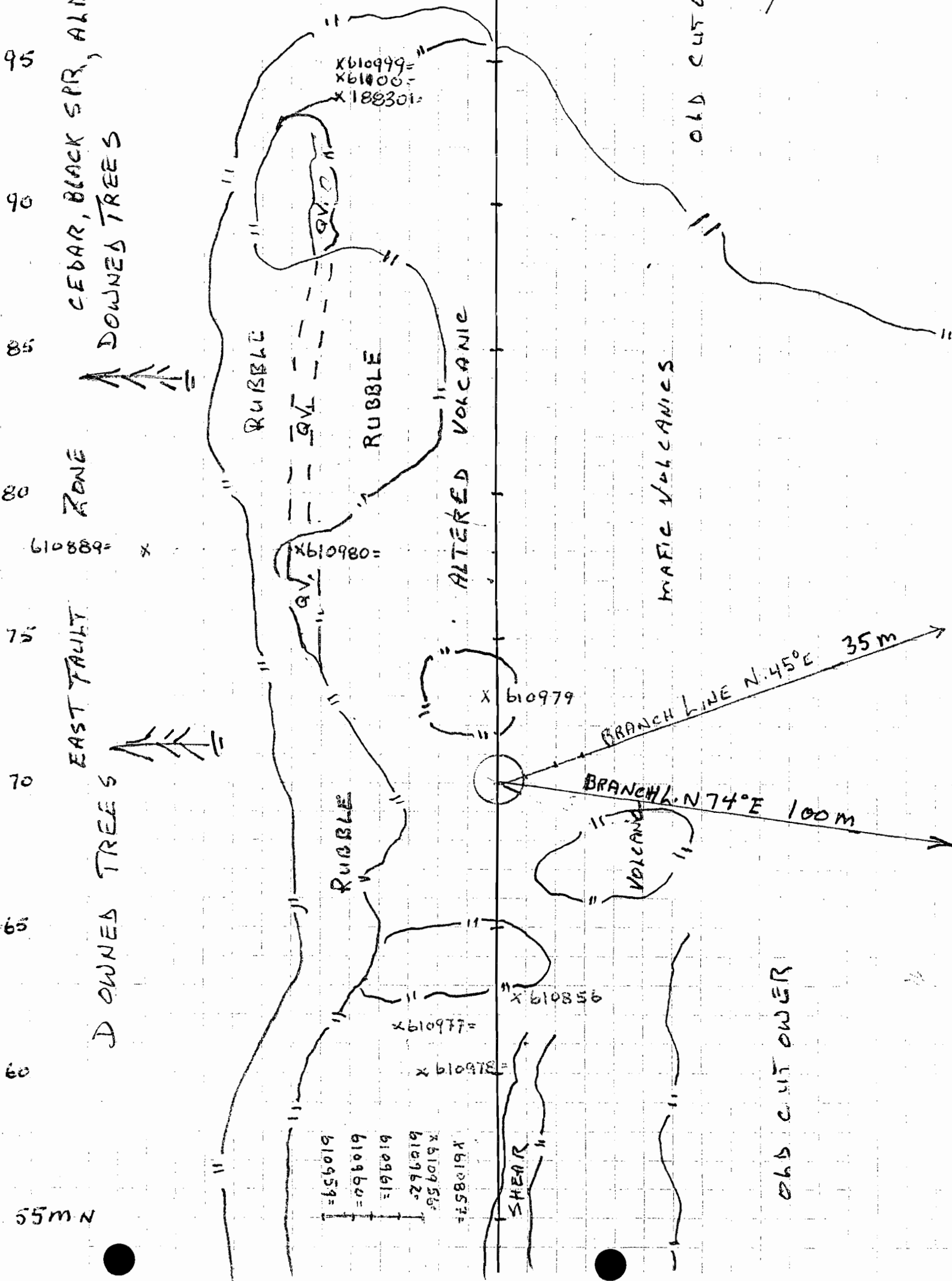
OLD
CUTOWER

OLD CUTOWER

MAFIC VOLCANICS

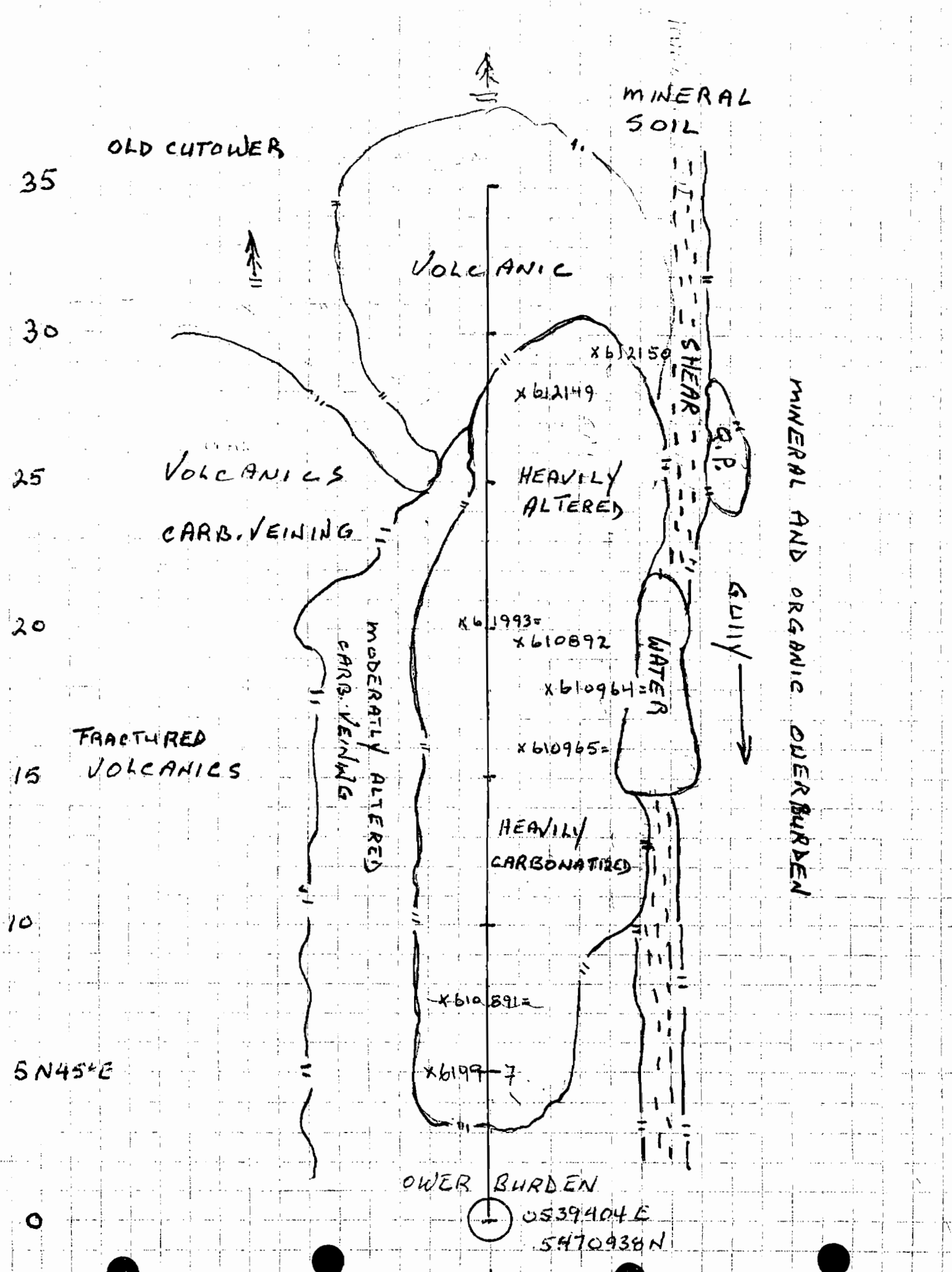
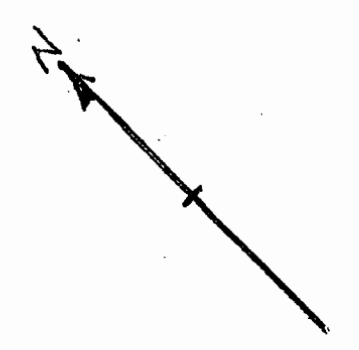
ALTERED VOLCANIC

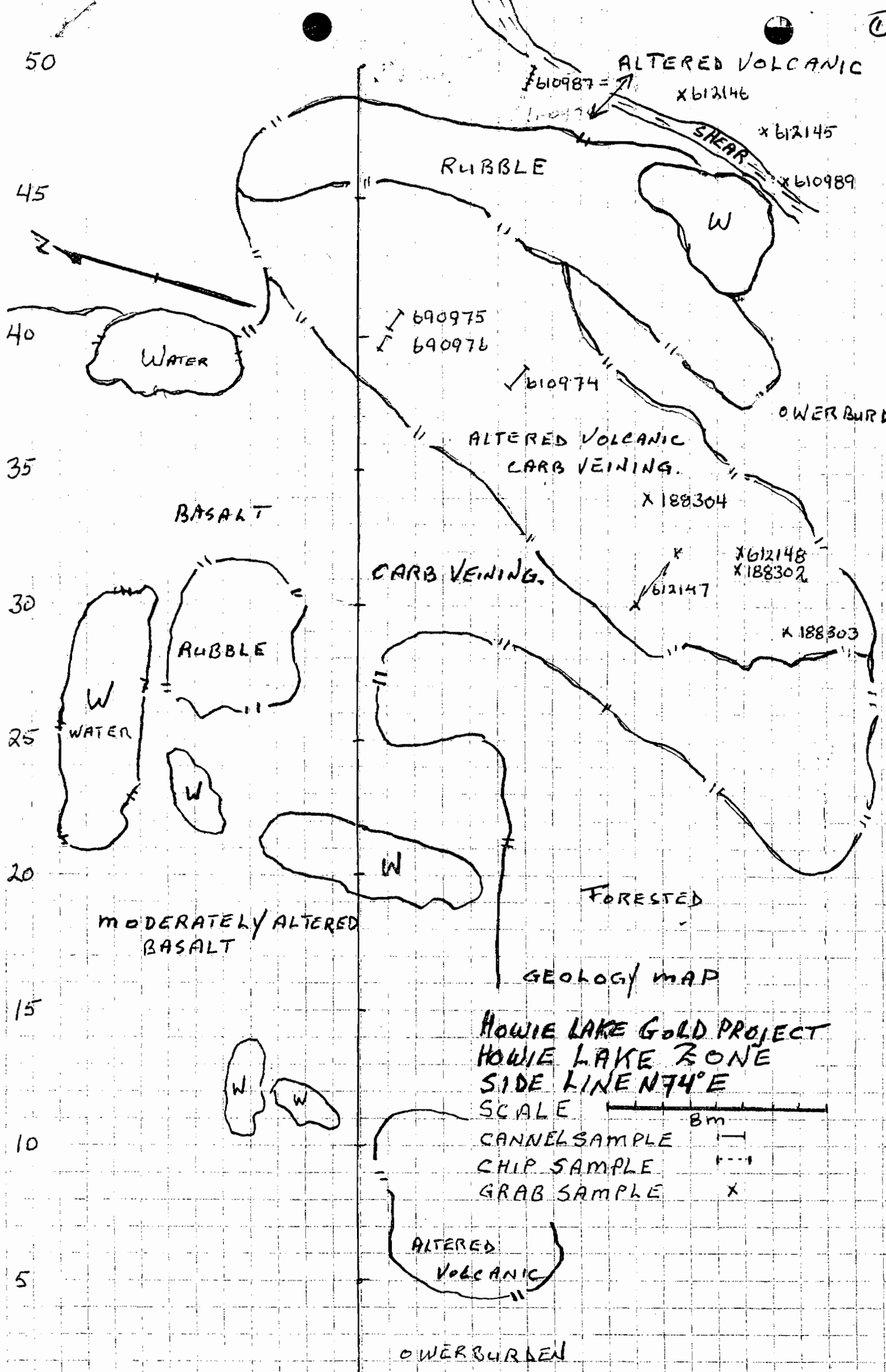
OLD CUTOWER



GEOLOGY MAP.
 HOWIE LAKE STATION
 BRANCH LINE N. 45° E FROM B.L. N 24° W AT 70m
 SCALE 5m

OLD CUTOWER





HOWIE LAKE GOLD PROJECT
 HOWIE LAKE ZONE
 SIDE LINE N74°E

SCALE 8m
 CANNEL SAMPLE
 CHIP SAMPLE
 GRAB SAMPLE X

○ N74°E

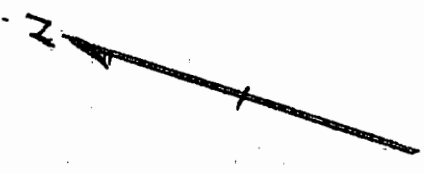
○ 0539404E / 5470938N

053949 E 5470964 N

2

HOWIE LAKE ZONE

95
90
85
80
75
70
65
60
55
50



GABBRO

OLD CUTOWR

OLD CUTOWR

X610993

X610992

CONGLOMERATE

CARB.

ALT. VEIN

X610991

CARB. VEINING.

X610990

ALTERED VOLCANIC

WATER

610970

610969

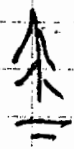
610968

610967

610966

PIT

CARB. ALTERED
SHEAR



RUBBLE

X610988

610973

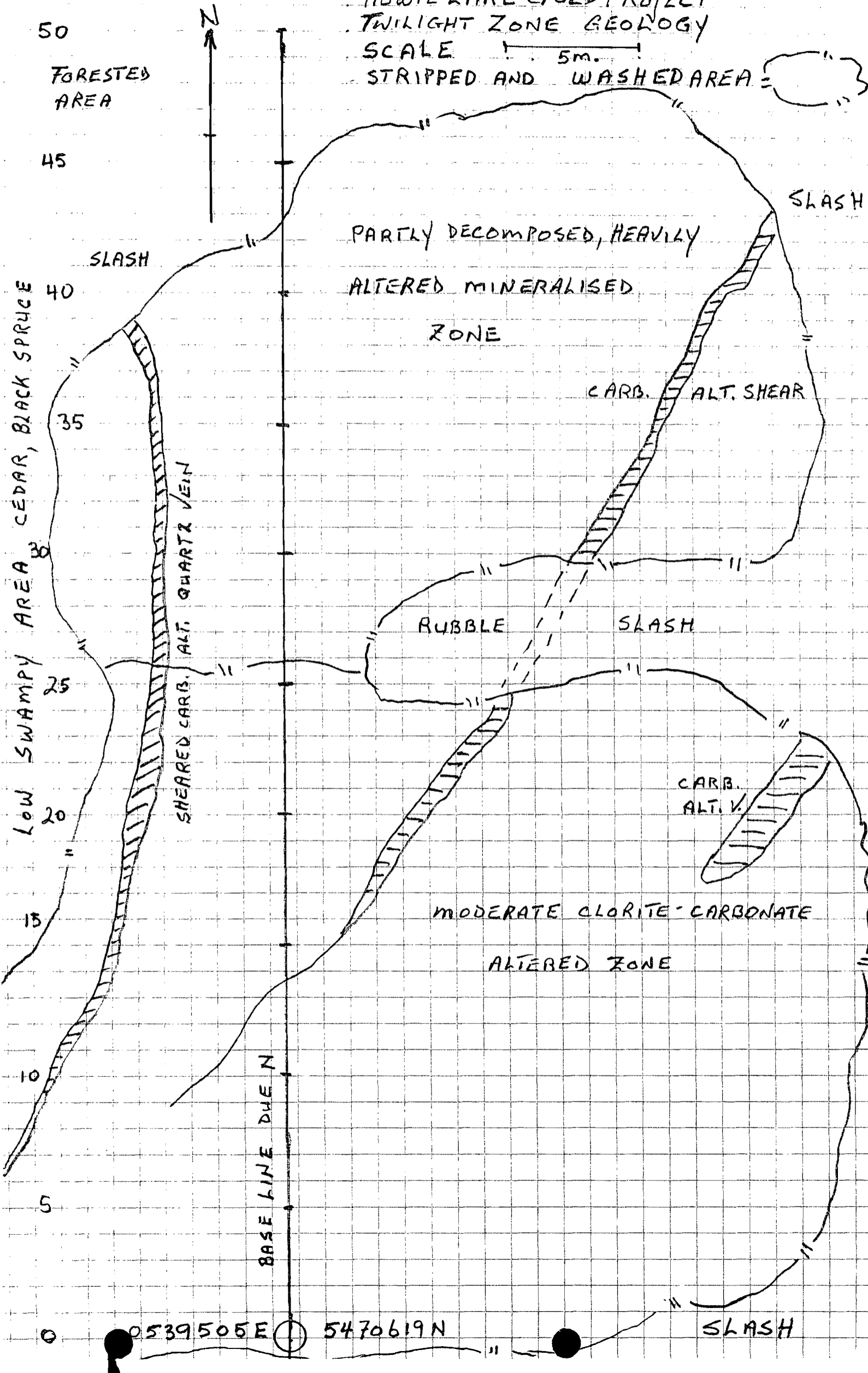
610972

610971

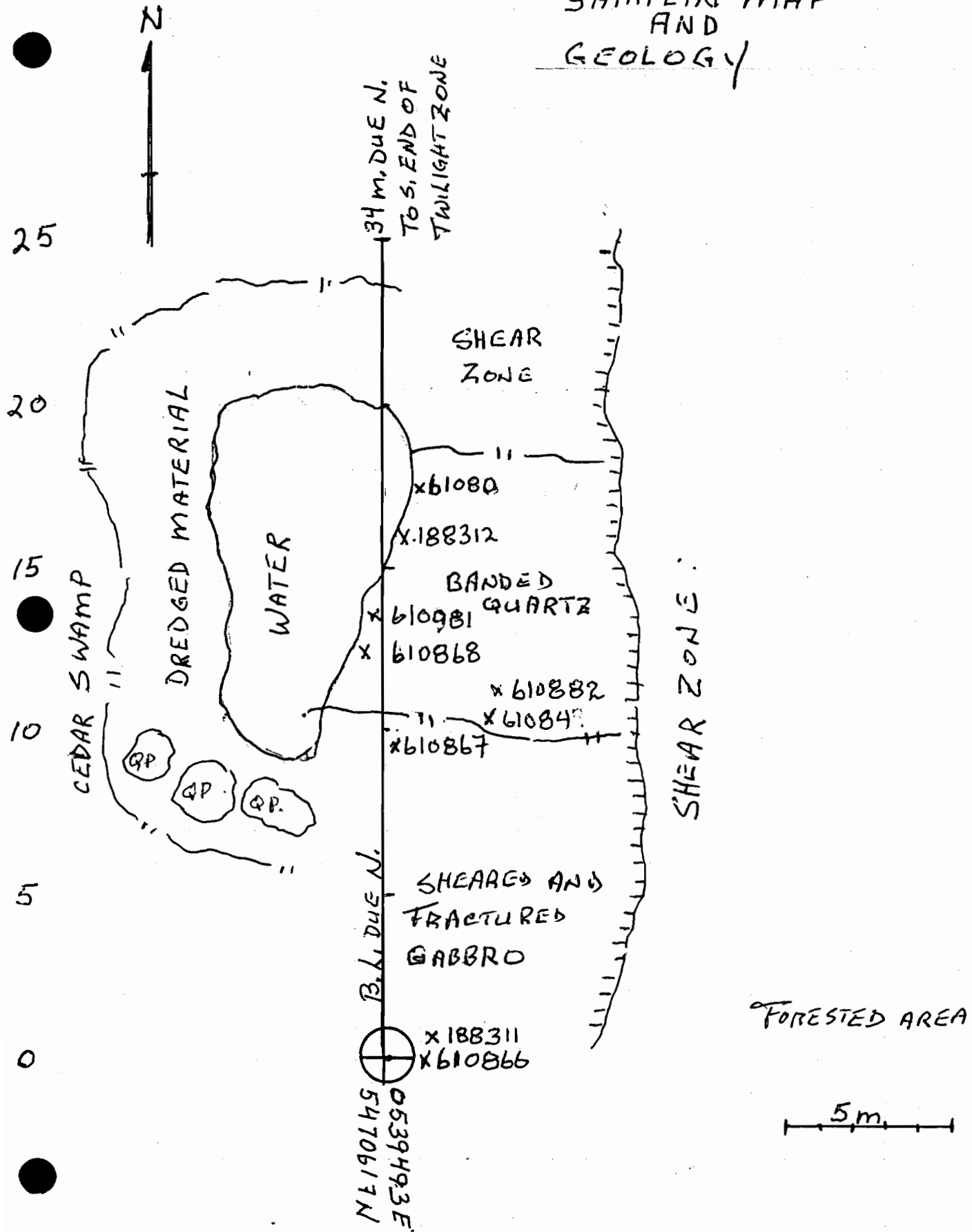
HOWIE LAKE GOLD PROJECT
TWILIGHT ZONE GEOLOGY

SCALE 5m.

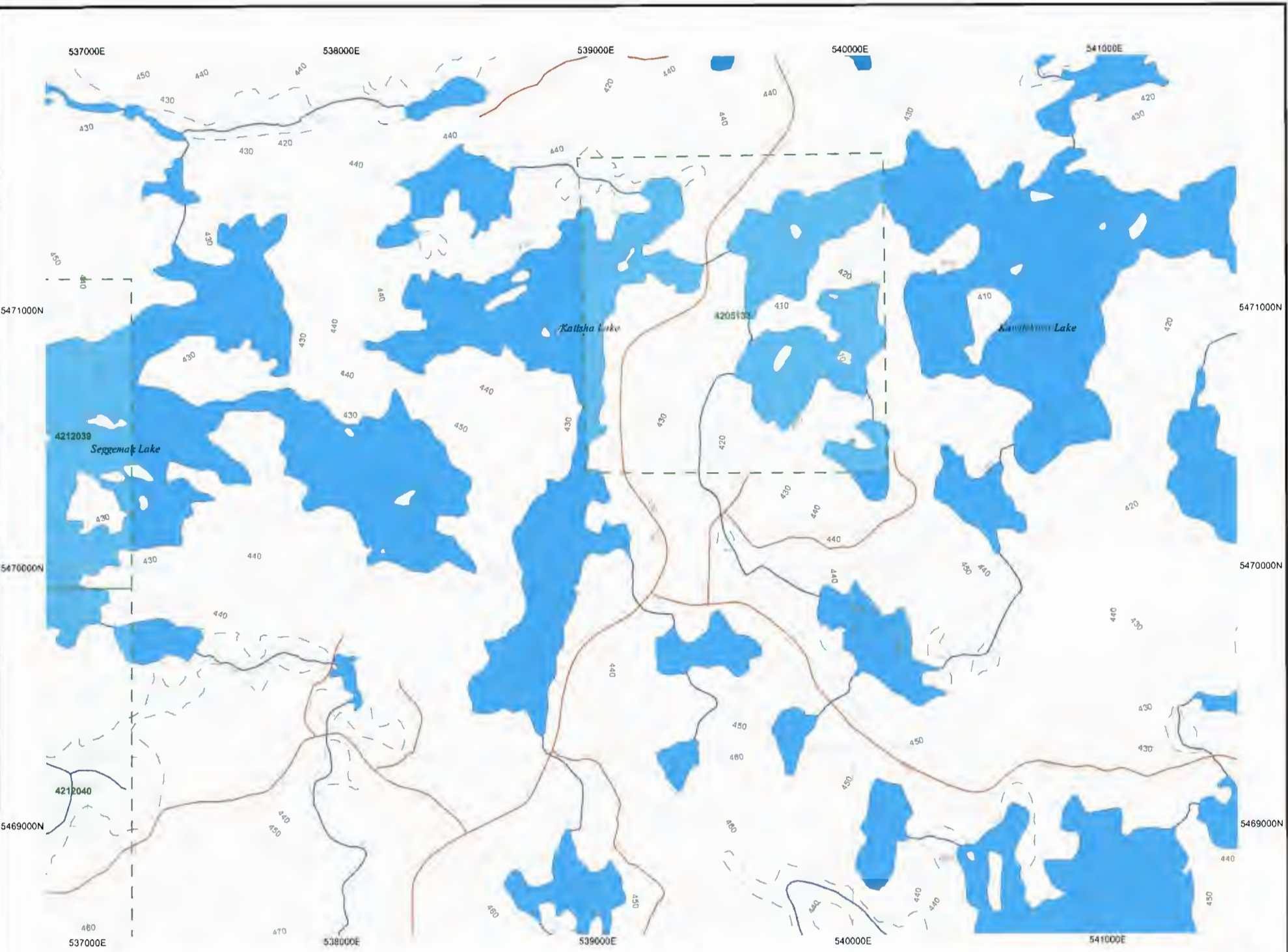
STRIPPED AND WASHED AREA



HOWIE LAKE GOLD THE SWAMP SHOWING SAMPLING MAP AND GEOLOGY



Claim 4205133



UTM Zone 15
1000m grid