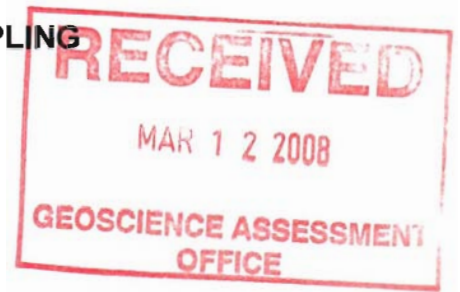


REPORT ON  
THE 2006 GEOLOGICAL MAPPING AND SAMPLING  
PROGRAM  
ON THE LOBSTICK PROPERTY  
KENORA M.D., ONTARIO



*For*

**TECK COMINCO LIMITED**

2.37350

By  
G.Evans

N.T.S 052F/05

02/28/2008

## SUMMARY

The Lobstick property property consists of 32 claim units totaling 512 hectares located 50 kilometres southeast of Kenora. This 100% Teck Cominco Ltd. owned property is situated along the favourable eastern extension of the regional-scale deformation zone known as the Wabigoon Fault and is near its junction with the Pipestone Cameron Lake Fault. The property is located over a large felsic volcanic centre of the Berry Creek formation within the sediment package of the Warclub assemblage (2700-2704 Mya). This amphibolite grade metamorphic assemblage on the property hosts a disseminated gold system similar to Thunder Lake and Rainy River and others within the Wabigoon assemblage.

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## **INTRODUCTION**

The Lobstick property is located 50 Kms SE of Kenora and covers a portion of Berry Creek felsic volcanics and intrusives within a portion of the Warclub group. This property has a number of historical disseminated gold occurrences that were on open ground early in 2006. Teck Cominco Limited staked the ground and this report describes the initial fieldwork which confirmed historical geology and styles of mineralization.

### **LOCATION, PHYSIOGRAPHY AND ACCESS**

The Lobstick property property consists of 32 claim units totaling 512 hectares located 50 kilometres southeast of Kenora. The property is centered at 433400E, 5476000N (Nad 83-Zone 10) within N.T.S 052F/05.

The property is accessed via Hwy 72 between Kenora and Sioux Narrows. Approximately 5 km's north of Sioux Narrows, the gravel Maybrun logging road is taken for an additional 7-10 kms to the east and traverses the entire central portion of the property. The property is accessible with the main "Maybrun" road and a number of side logging roads with several logging cuts exposing areas of outcrop in the last decade. Outcrop exposure is moderate with 8-10% exposure in generally hummocky country but structural altered zones are strongly eroded developing linear creeks and gullies with less than 1% exposure. Coniferous forest cover is dominant over much of the inland areas while scrubby oak cover dominates proximal to the shoreline of Lake of the Woods.





**LOBSTICK  
Property**



<b>Teck Cominco Limited</b> 4000 Trans Canada Highway, Kamloops, British Columbia CANADA V1S 2A9		
<b>LOBSTICK PROPERTY</b>		
<b>LOCATION MAP</b>		
NTS No:052F05	DRAWN BY: S.A.	DATE: MAY 2006
<b>FIGURE 1</b>		

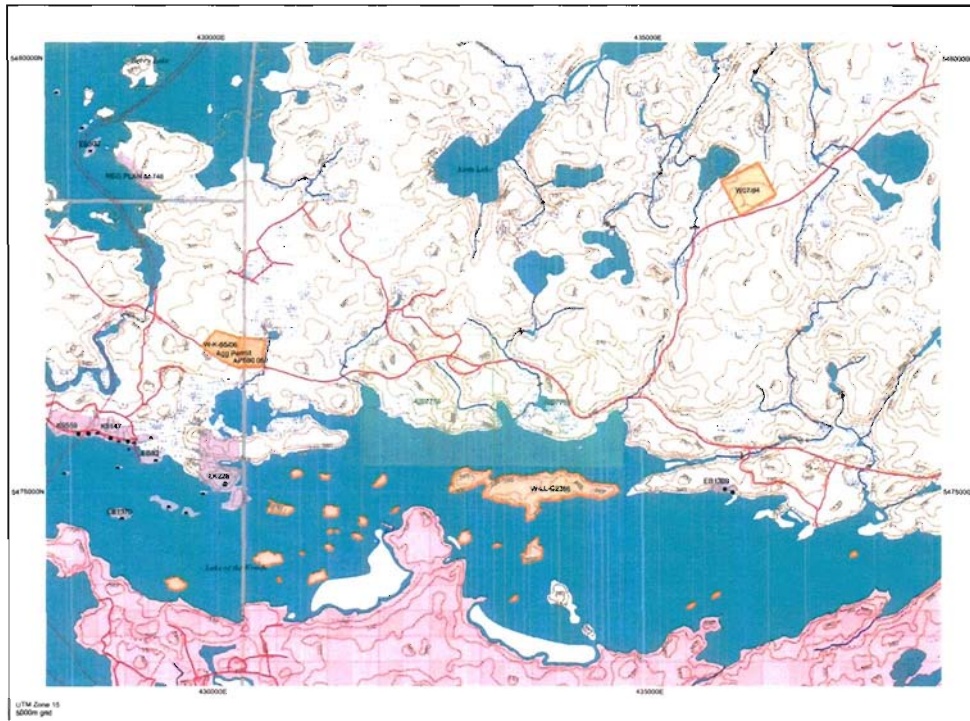


**PROPERTY**

The Lobstick property consists of 32 contiguous claim units or 512 hectares (Fig. 2). All claims are presently in good standing to March 08, 2008. This 100% Teck Cominco Ltd. owned property was staked on open ground on March 08, 2006.

**TABLE 1  
LOBSTICK PROPERTY CLAIM STATUS**

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
LOBSTICK BAY (LAKE OF THE WOODS)	<a href="#">4207754</a>	2006-Mar-08	2008-Mar-08	A	100 %	\$ 6,400	\$ 0	\$ 0	\$ 0
LOBSTICK BAY (LAKE OF THE WOODS)	<a href="#">4207755</a>	2006-Mar-08	2008-Mar-08	A	10 0 %	\$ 6,400	\$ 0	\$ 0	\$



**Fig.2 Claim Map**

## PREVIOUS WORK

Work on the property dates back to the mid 1940's when the ODM inspected fluorite +/- gold showings staked by J.M. Thrasher.

1964 D.V. Reade trenched and drilled six x-ray holes into the fluorite showings to assess their potential.

Activity resumed in the early 1980's when Bob Fairservice recognized additional gold potential in the area and staked and optioned the property. Several groups have explored the property more recently including:

1983 Esso Minerals Canada conducted geological mapping, stripping, trenching and channel sampling with limited mag and VLF surveys.

1984-1987 B.P. Selco optioned the property from Bob Fairservice and geologically mapped the property, soil sampled, conducted I.P. surveys and did limited hand trenching. In conjunction they also drilled twelve diamond drill holes (2430m's) on the main zone.

1988 Noranda/Noront conducted a small humus sampling program.

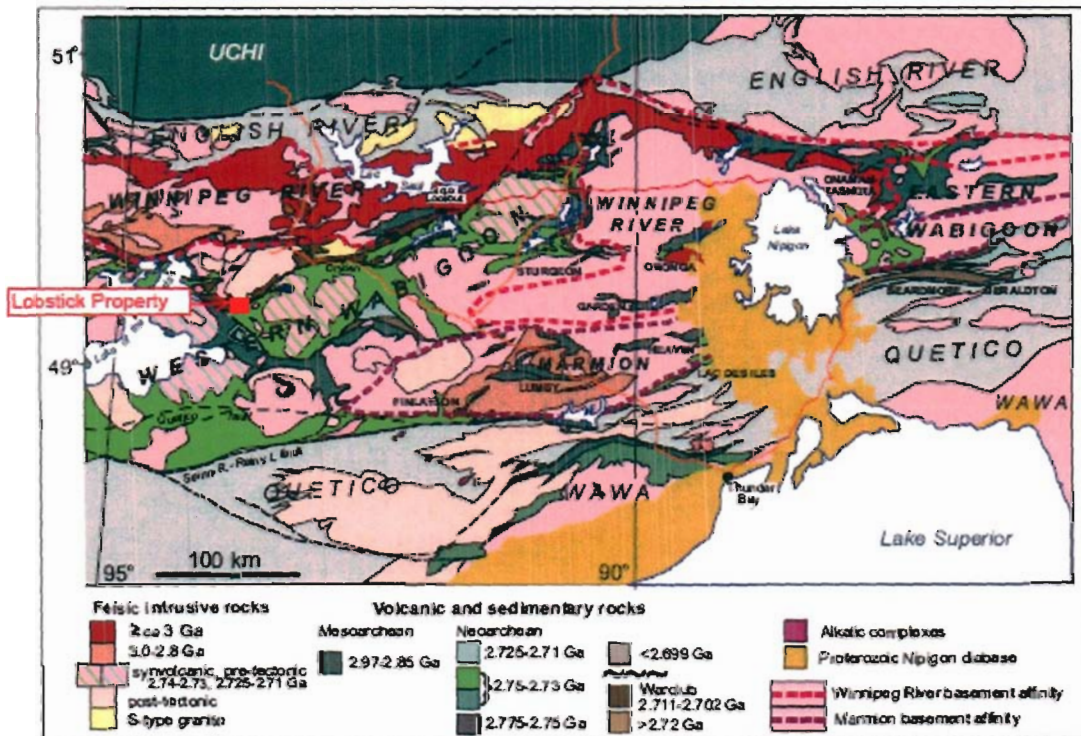
1990-1992 Phelps Dodge Corporation conducted additional geological mapping, I.P. surveys and work culminating in an additional five diamond drill hole program (700m).

Since 1992 to staking the property in 2006 no work has been recorded.



## REGIONAL GEOLOGY

The Lobstick property is located in the northwestern portion of the Wabigoon subprovince and covers the central portion of the Berry River formation which is a portion of the Warclub group. The property is just northeast of the junction of two regional scale fault systems namely the Pipestone-Cameron lake fault and the Wabigoon fault systems. The property covers a western portion of the late stage sediment dominated Warclub group which hosts other disseminated gold systems to the east, namely the Plomp Farm and Thunder Lake properties. On a more local scale the property is bounded by the the Dryberry Batholith to the north and the Kishaquabik Lake Stock to the east. Older mafic volcanics lie south of the Pipestone-Cameron Lake fault and the Wabigoon fault namely Populus and the Snake Bay Formation.



**Fig. 3** Distribution of granite-greenstone belts of the Wabigoon and Winnipeg River terranes and Marmion domain in a regional context. Note the distribution of variable-age plutonic basement rocks for which the extent of the 2.3 Ga Winnipeg River terrane and 3 Ga Marmion domain are defined. The adjacent English River and Quetico plutono-metasedimentary belts are also shown unsubdivided in grey pink tones.

Within the Berry River Formation several geologists such as (Milne) have mapped detailed stratigraphic subdivisions within the felsic complex. The property itself is centered near the central vent facies overlain to the south by proximal shallow water facies. The Berry River Formation thins and becomes progressively more distal to the west.

### Lobstick Property relative to Berry River Fm. Facies

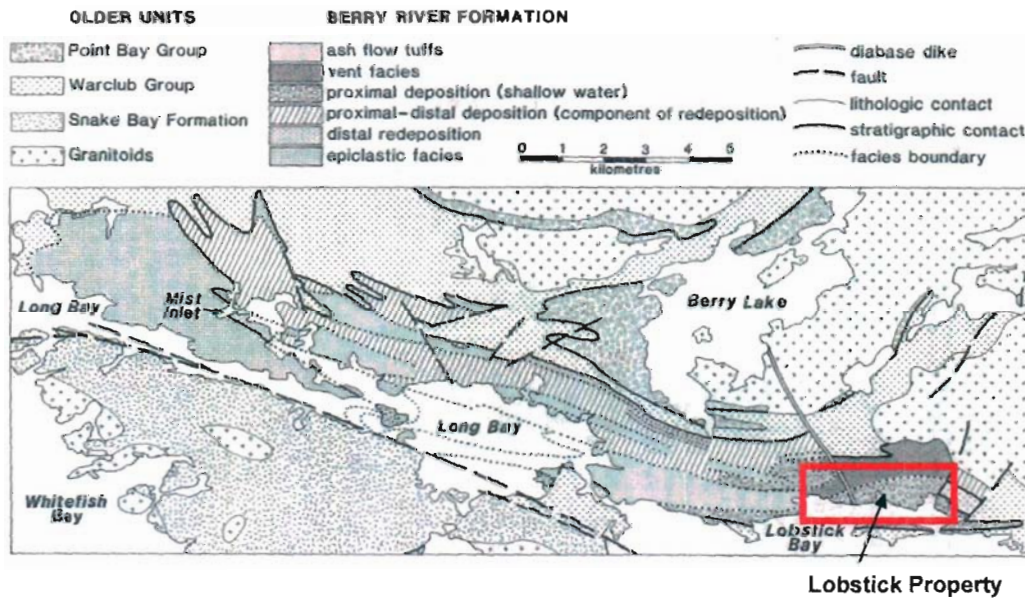


Fig.4

Schematic diagram of the facies distribution of the Berry River formation. Vent facies is a subvolcanic quartz-feldspar porphyry intrusive into the base of a volcano. Proximal deposition facies is composed of coarse homolithic pyroclastics. Proximal-distal deposition facies contains a variety of pyroclastic deposit types. Distal redeposited and epiclastic facies are derived from the previous facies.

## PROPERTY GEOLOGY

The Lobstick property covers lower amphibolite facies rocks of the Berry River Formation. The past regional mapping had identified proximal vent volcanics over much of the property and previous B.P. Selco work had also identified subvolcanic intrusives on the property. Much of this previous work was confirmed in the 2006 geological work.

Lithologies on the property are dominated by QFP dacites to rhyolite in composition with a generally pale grey to yellow aphanitic and commonly weakly foliated matrix with variable 5-15% 1-3mm plagioclase phenocrysts and 10-20% 1-5 mm quartz phenocrysts. Occasional fragmental sections appear randomly and are difficult to follow on strike and often display a primary pyroclastic texture with generally fragments consisting of the same composition as the groundmass. This uniform anomalously thick felsic sequence (unit 3) supports regional mapping which indicates the property covers the volcanic center. This is further supported by rocks of unit 6 which are believed to be the high level intrusive equivalent of unit 3. This unit compositionally is very similar but the groundmass is generally more porphyritic and dykes can be seen crosscutting earlier volcanics of unit 3. Field recognition is augmented with a pink hue common in rocks of unit 6, caused by hematite or pottasic alteration.

Rare sedimentary sequences are present both as thin sequences within the thick sequence of unit 6 and along the southwest shore of Lobstick Bay area. These metasediments (unit 4) are identified by the development of foliated biotite rich sections +/- the presence of 2-10 mm garnets. Minor diopside, garnet rich beds may reflect more calcsilicate rich sediments. Some of the main mineralized and altered structural corridor has sections with abundances of biotite and garnet but whether these units were originally sediments could not be determined.

Late felsic intrusives of the Kishaquabik Lake Stock are present as syenite dykes in the extreme NE portion of the property . Late mafic dykes ( unit 5) are rarely seen as narrow 0.5-4.0 meter wide dykes throughout the property usually parallel the regional foliation (~ 100-110 degrees) and consist of biotite/chlorite rich rock with rare hornblende phenocrysts poorly preserved. These rocks appear to postdate much of the alteration and mineralization. The youngest rocktype (unit 8) on the property is a conspicuous NW trending diabase dyke which ranges from 20-30 meters in width across the western side of the property. This unit forms a pronounced topographic high feature which is well exposed on surface.

Structure is typically a planar widespread weak foliation striking between 100 and 110 degrees and dipping subvertically. Select deformation corridors exist subparallel foliation over widths of 50-100 meters width. On a small scale small isoclinal folds were observed with moderate west plunges. On a larger scale the Warclub sediments suggest a large scale antiform is present through the core of the property.

Alteration and mineralization are generally very recessive on the property so information is restricted to beach exposures, small trenched areas and historic drill core from B.P. Selco which is stored at the Kenora core library. The mineralization and alteration is related to corresponding higher deformation in these zones but whether deformation is directly related to mineralization or whether deformation follows pre-existing alteration and mineralization remains unknown.

In general alteration consists of variable moderate to intense pervasive sericite alteration with 2-8% finely disseminated pyrite. Select portions also contain variable amounts of biotite and biotite porphyroblasts +/- garnets but whether this is alteration or remnant sediments remains unknown. Alteration in the deformation zone can contain micro quartz veinlets and an unusual abundance of fluorite (1-10%) both as disseminated grains and as discrete veins and veinlets. Occasional

green mica alteration was also observed in the stronger sericite alteration. Anomalous pathfinder elements associated with mineralization include F, Zn, Mo, V, As, Sb and Hg. Due to the recessive nature of the zone surface showings are limited but generally return values of 50-13,100 ppb Au. Sampling in 2006 returned maximum values of 936 ppb Au, 592 ppb Hg, 114 ppm Zn, 173 ppm Mo, 77 ppm V, 45 ppm As and 15ppm Sb.

The main zone contains all the historic showings on the property and follows the regional foliation from the southeast corner of the property to the extreme western central portion of the property and is generally defined by a pronounced topographic low feature over a strike length of 3.0 kilometers. Widths on this zone generally range from 50 to a maximum of 150 meters in width and a majority of historic drilling has been conducted on this trend. The main historic showing noted as the BP A&B trenches on map #5 is located on the southeast side of Lobstick Bay, and the highest values in the 2006 sampling were returned from here. Historically grab samples from this area have returned values up to 13,100 ppb Au and channel sampling has returned values up to 2100 ppb Au over 2.6 meters. Drilling by B.P. under this showing have returned similar values at a shallow depth but the potential is demonstrated by holes such as LB-01-03 located 200 meters to the northwest of the historic trenches. Hole LB-01-03 returned values of 0.602 g/t Au over 17.76 meters (including 2.10 g/t Au over 4.76 meters then the zone was intruded by a late mafic dyke and was followed with a further 0.696 g/t Au over 18.57 meters (including an interval of 1.32 g/t Au over 4.57 meters). This hole is under Lobstick Bay near a swamp and demonstrates the potential in this subdued poorly exposed corridor. B.P. Selco (Pryslak) had postulated a Archean epithermal prospect being present with the unusual presence of fluorite in the system.



## CONCLUSIONS AND RECOMMENDATIONS

The Lobstick property hosts a large structural zone with widespread alteration and mineralization over a strike length of greater than 3.0 km's and widths from 50-150 meters. This system while of generally low gold grades displays widespread anomalous gold values within a strong alteration system. The system is best described as a disseminated gold system with an unusual presence of a high fluorite content. Other pathfinder elements include Zn, Mo, V, As, Sb and Hg. The geological environment is particularly intriguing located near the volcanic centre of a felsic dome complex in a shallow marine/lacustrine environment. Additional mapping and sampling is warranted along the trend to identify detailed zonation of alteration, and related gold mineralization within this corridor. This will require additional trenching where possible to better expose the zone. Thin section work and lithogeochemical work is also required to understand the intricacies of the alteration system and mineralization. Additional diamond drilling at greater depths is warranted from the surface showings and to below and to the west of hole LB-01-03.

Respectfully submitted,  
TECKCOMINCO LIMITED

Graeme Evans  
February 28, 2008

## REFERENCES

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## STATEMENT OF QUALIFICATIONS

I , Graeme Evans , do certify that:

- 1) I am a geologist and have practiced my profession for the last twenty five years.
- 2) I graduated from the University of British Columbia, Vancouver, British Columbia with a Bachelor of Science degree in Geology (1983).
- 3) I am a member in good standing with the APEGBC as a professional geoscientist.
- 4) I was actively involved and supervised the Lobstick program and authored the report herein. I was present and actively involved in mapping for the entire field program.
- 5) All data contained in this report and conclusions drawn from it are true and accurate to the best of my knowledge.
- 6) I hold no direct or indirect personal interest, in the Lobstick property which is the subject of this report .



A handwritten signature in cursive script, appearing to read "Graeme Evans".

Graeme Evans  
Senior Geologist  
February 28 , 2008

**APPENDIX I**

**Sample Descriptions and Locations**

## Appendix I: Sample Locations and Descriptions

Sample Number	Easting	Northing	Location	Date Sampled	Description	LAB NO	Au(4) g/t	Hg ppb
316	433481	5475616	Lobstick	15-May-06	Sericite with green mica in QSS	R0614058	0.209	40
317	433499	5475624	Lobstick, from the creek	15-May-06	Sericite with fluorite in QSS	R0614059	0.717	30
318	444533	5480986	Lobstick, Warclub Lake	17-May-06	manganese and 10-20% pyrite, from a sulphide boulder	R0614060	<0.034	<10
319	430625	5476295	Lobstick, Warclub Lake stream bed	17-May-06	Quartzite sericite with 1-2% pyrite	R0614061	<0.034	155
320	430625	5476295	Lobstick, Warclub Lake stream bed	17-May-06	Quartzite sericite with 1-2% pyrite	R0614062	<0.034	60
321	431574	5476085	Lobstick, Creek bed	17-May-06	Sericite with 1-2% pyrite and distinct fluorite bands	R0614063	<0.034	592
12601	434176	5475495	Lobstick	7-Aug-06	3-4 m sulphide shear in mod ser altd QFP 2-3% py	R0632323	0.046	<10
12602	433875	5475619	Lobstick	7-Aug-06	mod ser QSS 1-2% dissem py rubble on beach	R0632324	<0.034	<10
12603	433716	5475679	Lobstick	7-Aug-06	Qss pink sugary w/ 2-3% dissem py	R0632325	<0.034	<10
12604	433699	5475681	Lobstick	7-Aug-06	strong QSS w/ 3-4% py	R0632326	0.087	32
12605	433477	5475789	Lobstick	7-Aug-06	Historic BP area E good Qss 5m rep avg 2-3% dissem py	R0632327	<0.034	<10
12606	433499	5475856	Lobstick	7-Aug-06	Historic BP area A? good Qss 6-7m rep avg 4-5% dissem py	R0632328	<0.034	<10
12607	433488	5475846	Lobstick	7-Aug-06	Historic BP area B? rep of 5m's good QSS increasing fl 1-3% py	R0632329	<0.034	<10
12608	433488	5475837	Lobstick	7-Aug-06	Historic BP A intense QSS 3-4% fl, 5-8% py across 5m's	R0632330	0.936	70
12609	433471	5475829	Lobstick	7-Aug-06	strong QSS w/ 4-5% py across 4 m's @ Lake edge	R0632331	0.059	44
12610	433289	5476078	Lobstick	8-Aug-06	wk-mod QSS 1-2% py across 3-4 m's	R0632332	<0.034	<10
12611	433302	5476109	Lobstick	8-Aug-06	mod ser QSS 3-4% dissem py w/ black late tourmaline rep of 2m's	R0632333	<0.034	<10
12612	433422	5475853	Lobstick	8-Aug-06	strong QSS w/ mod silicn 3-5% py rep of 7-8m's	R0632334	0.242	<10



Sample Number	Easting	Northing	Location	Date Sampled	Description	LAB NO	Au(4) g/t	Hg ppb
12613	433152	5476041	Lobstick	8-Aug-06	mod QSS and silicd w/ minor bio lams 2-3% py	R0632335	<0.034	<10
12614	433139	5476053	Lobstick	8-Aug-06	old K trench area rep of 3m's well lam bio and QSS w/ 2-3% py	R0632336	<0.034	<10
12615	433058	5476078	Lobstick	8-Aug-06	old G trench area rep of 3m's strong QSS w/ 2-3% py +/- fl	R0632337	<0.034	<10
12616	433093	5475686	Lobstick	10-Aug-06	mod QSS w/ 1-2% py w/ wk silicn in lapilli tuff	R0632338	<0.034	<10
12617	433201	5475686	Lobstick	10-Aug-06	mod ser and strong silicd and foliated rock 1-2% py rep of 1m	R0632339	<0.034	<10
12618	433144	5475929	Lobstick	10-Aug-06	Qss pink sugary w/ 1-2% dissem py rep of 2m	R0632340	<0.034	<10
12619	433092	5475977	Lobstick	10-Aug-06	strong silicn w/ chl mafics 3-4% py rep of 1m	R0632341	<0.034	<10

**APPENDIX II**

**Assay  
Certificates**

CANADA GENERATIVE - CEX  
#12601-12635

teck

Global Discovery Labs

Report date: 8 SEPT 2006

Job V06-0697R

LAB NO	FIELD NUMBER	Au(4) g/t	Hg ppb
R0632322	GDL PREP BLANK	<0.034	<10
R0632323	12601	0.046	<10
R0632323 rpt		0.034	
R0632324	12602	<0.034	<10
R0632325	12603	<0.034	<10
R0632326	12604	0.087	32
R0632326 rpt			30
R0632327	12605	<0.034	<10
R0632328	12606	<0.034	<10
R0632328 rpt		<0.034	
R0632329	12607	<0.034	<10
R0632330	12608	0.936	70
R0632331	12609	0.059	44
R0632332	12610	<0.034	<10
R0632333	12611	<0.034	<10
R0632334	12612	0.242	<10
R0632335	12613	<0.034	<10
R0632336	12614	<0.034	<10
R0632337	12615	<0.034	<10
R0632338	12616	<0.034	<10
R0632339	12617	<0.034	<10
R0632340	12618	<0.034	<10
R0632340 rpt		<0.034	<10
R0632341	12619	<0.034	<10
R0632341 rpt			<10
R0632342	12620	<0.034	<10
R0632343	12621	<0.034	<10
R0632344	12622	8.572	<10
R0632345	12623	1.330	<10
R0632346	12624	0.052	<10
R0632347	12625	0.071	<10
R0632348	12626	<0.034	<10
R0632349	12627	<0.034	<10
R0632350	12628	0.095	<10
R0632350 rpt		0.102	
R0632351	12629	1.169	<10
R0632352	12630	2.209	<10
R0632353	12631	0.041	<10
R0632353 rpt			<10
R0632354	12632	0.719	<10
R0632355	12633	0.652	<10
R0632356	12634	4.893	<10
R0632357	12635	1.370	<10
STD: CDN-GS-2B		1.994	
STD: CDN-GS-P3		0.286	

I=insufficient sample

If requested analyses are not shown, results are to follow

Teck Cominco Ltd.

Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 685-3032 Fax: (604) 844-2686

Report date: 8 SEPT 2006

Job V06-0697R

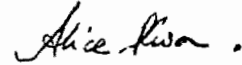
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LAB NO	FIELD NUMBER	Au(4) g/t	Hg ppb
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**ANALYTICAL METHODS**

Au(4) Fire Assay-Lead Collection/AA Finish (low level) 1 A.T  
Hg Flameless AAS



Alice Kwon, Chemist-Teck Cominco G.D.L.



S.M. Clark, Certified Assayer, Prov. of B.C.

Teck Cominco Ltd.

Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 685-3032 Fax: (604) 844-2686

GENERATIVE - CEX  
001-12835



Report date: 7 SEPT 2006

Job V08-0697R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Br ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
R0632322	GDL PREP BLANK	85	<4	95	<0.4	<2	13	<1	29	41	4.28	<2	48	<5	<5	95	<2	<2	38	8	<2	835	2.51	0.27	1.78	1.84	0.22	0.04	374
R0632323	12601	22	19	51	<0.4	12	35	<1	5	7	1.95	<2	89	<5	<5	7	<2	<2	15	<2	7	397	0.37	0.01	0.96	0.39	0.09	0.21	383
R0632324	12602	8	4	20	<0.4	3	87	<1	2	2	0.80	<2	81	<5	<5	4	<2	<2	15	2	9	22	0.05	<0.01	0.47	0.09	0.09	0.22	358
R0632325	12603	47	27	18	<0.4	12	50	<1	8	7	1.72	7	22	<5	<5	<2	<2	<2	361	11	123	742	0.04	<0.01	0.36	4.13	0.05	0.20	498
R0632326	12604	19	18	<1	0.4	11	108	<1	5	8	1.78	8	82	<5	<5	2	<2	<2	22	2	21	17	0.01	<0.01	0.41	0.08	0.06	0.30	297
R0632327	12605	13	5	42	<0.4	2	119	<1	7	12	1.93	<2	82	<5	<5	7	<2	<2	39	3	57	186	0.33	<0.01	0.85	0.18	0.09	0.23	693
R0632327 rpt		12	8	37	<0.4	3	103	<1	7	12	1.88	<2	52	<5	<5	7	<2	<2	32	3	54	155	0.30	<0.01	0.69	0.18	0.07	0.20	659
R0632328	12606	21	5	39	<0.4	5	125	<1	8	9	1.59	2	84	<5	<5	8	<2	<2	60	3	36	521	0.44	0.02	0.90	1.09	0.07	0.33	438
R0632329	12607	51	10	88	<0.4	12	194	<1	8	7	1.57	8	57	<5	<5	7	<2	<2	94	5	70	727	0.71	0.03	1.11	1.37	0.07	0.56	532
R0632330	12608	36	41	50	0.8	45	70	<1	7	13	3.90	173	56	<5	8	5	<2	<2	38	4	30	218	0.03	0.01	0.69	0.47	0.06	0.34	751
R0632331	12609	32	32	87	<0.4	15	77	<1	7	9	1.83	5	63	<5	<5	3	2	<2	81	7	54	398	0.07	<0.01	0.48	0.88	0.05	0.29	429
R0632332	12610	11	15	48	<0.4	10	211	<1	2	5	2.15	9	82	<5	<5	13	<2	<2	60	2	36	190	0.50	0.03	0.80	0.07	0.09	0.68	986
R0632333	12611	14	8	48	<0.4	8	142	<1	8	13	2.85	<2	78	<5	<5	18	<2	<2	18	4	18	186	0.72	0.03	0.88	0.19	0.08	0.64	977
R0632333 rpt		14	8	36	<0.4	5	125	<1	8	12	2.49	<2	83	<5	<5	15	<2	<2	17	4	18	177	0.69	0.02	0.75	0.18	0.07	0.59	905
R0632334	12612	18	48	52	<0.4	31	54	<1	5	8	1.37	23	70	<5	<5	3	<2	<2	35	2	35	108	0.05	<0.01	0.39	0.33	0.05	0.31	362
R0632335	12613	38	9	93	<0.4	8	356	<1	2	7	2.07	<2	95	<5	<5	31	<2	<2	157	3	21	339	0.93	0.03	1.02	0.15	0.11	0.87	993
R0632336	12614	19	8	92	<0.4	4	459	<1	5	9	2.81	<2	180	<5	<5	77	<2	<2	84	3	14	434	1.05	0.08	1.26	0.18	0.11	0.71	753
R0632337	12615	14	50	20	<0.4	12	402	<1	2	6	2.26	4	78	<5	<5	19	<2	<2	90	5	92	105	0.43	0.01	1.03	0.41	0.11	0.81	1185
R0632338	12616	15	4	23	<0.4	4	89	<1	4	6	0.83	3	71	<5	<5	2	<2	<2	9	<2	8	17	0.02	<0.01	0.46	0.13	0.08	0.25	333
R0632339	12617	7	<4	13	<0.4	8	78	<1	1	3	1.41	<2	101	<5	<5	2	<2	<2	22	<2	24	13	0.02	<0.01	0.43	0.07	0.08	0.25	659
R0632340	12618	8	<4	29	<0.4	5	117	<1	1	8	1.22	<2	84	<5	<5	9	<2	<2	34	<2	7	94	0.41	<0.01	0.81	0.07	0.10	0.16	405
R0632341	12619	25	4	82	<0.4	3	88	<1	4	5	1.62	<2	111	<5	<5	8	<2	<2	17	2	18	424	0.79	<0.01	0.92	0.25	0.08	0.12	455
R0632342	12620	177	4	121	<0.4	<2	83	<1	18	30	3.39	<2	116	<5	<5	81	<2	<2	17	5	8	461	1.14	0.23	1.15	0.52	0.09	0.72	442
R0632343	12621	10	17	98	<0.4	3	39	<1	5	9	1.83	<2	102	<5	<5	22	<2	<2	35	<2	17	1125	0.92	0.11	1.75	1.61	0.07	0.42	374
R0632344	12622	386	49	100	5.1	388	8	<1	18	24	17.56	<2	146	15	<5	13	2	<2	4	3	<2	66	0.36	<0.01	0.75	0.05	0.08	0.21	177
R0632345	12623	30	25	37	0.9	83	44	<1	23	24	6.45	<2	89	11	<5	9	<2	<2	7	3	2	25	0.08	<0.01	0.58	0.10	0.06	0.26	502
R0632346	12624	29	5	84	<0.4	35	40	<1	13	9	5.08	<2	88	<5	<5	18	<2	<2	12	5	7	607	1.61	<0.01	1.57	0.40	0.08	0.18	918
R0632347	12625	14	15	84	<0.4	12	105	<1	1	3	4.87	<2	58	<5	<5	13	2	<2	10	3	19	387	2.12	<0.01	1.50	0.09	0.06	0.17	629
R0632348	12626	18	<4	43	<0.4	41	65	<1	4	9	4.75	<2	97	<5	<5	18	<2	<2	9	3	19	238	1.70	<0.01	1.42	0.08	0.06	0.18	515
R0632349	12627	14	4	43	<0.4	60	55	<1	12	2	4.84	<2	57	7	<5	22	<2	<2	8	3	19	178	1.14	<0.01	1.22	0.08	0.08	0.22	828
R0632350	12628	12	8	31	<0.4	86	86	<1	9	2	2.34	<2	123	<5	<5	8	<2	<2	10	<2	5	26	0.12	<0.01	0.40	0.02	0.06	0.24	787
R0632351	12629	39	5	23	1.7	44	40	<1	3	2	2.71	2	82	<5	<5	3	<2	<2	4	3	12	11	<0.01	<0.01	0.37	0.05	0.06	0.20	526
R0632352	12630	9478	45	338	22.4	288	<5	<1	19	4	20.12	12	97	<5	<5	7	4	<2	3	4	3	73	0.03	<0.01	0.30	0.05	0.06	0.10	177
R0632353	12631	970	20	109	3.7	200	20	<1	8	4	9.31	5	110	5	<5	3	<2	<2	6	3	4	181	0.06	<0.01	0.38	0.20	0.06	0.17	148
R0632354	12632	3375	24	122	10.8	85	30	<1	3	2	8.17	<2	91	<5	<5	8	<2	<2	10	4	4	252	0.28	<0.01	0.65	0.37	0.06	0.18	493



1/2 2008

Job V06-0697R

NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
R0632355	12633	38	96	114	0.1	7044	87	<1	20	44	3.94	<2	97	<5	<5	18	<2	<2	385	5	26	850	1.85	<0.01	0.65	4.53	0.04	0.19	871
R0632356	12634	217	238	39	3.2	712	23	<1	3	9	0.94	<2	204	<5	6	2	<2	<2	117	<2	4	188	0.48	<0.01	0.12	1.53	0.06	0.05	87
R0632357	12635	26	103	103	<0.4	13380	93	<1	22	51	4.35	<2	66	<5	<5	12	3	<2	411	4	22	691	1.96	<0.01	0.48	5.11	0.07	0.21	739
STD: DA		112	197	583	8.5	42	527	3	12	39	3.21	3	38	<5	<5	59	<2	<2	34	8	16	652	0.64	0.07	1.32	0.45	0.08	0.14	841

=insufficient sample

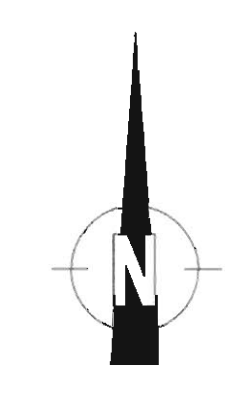
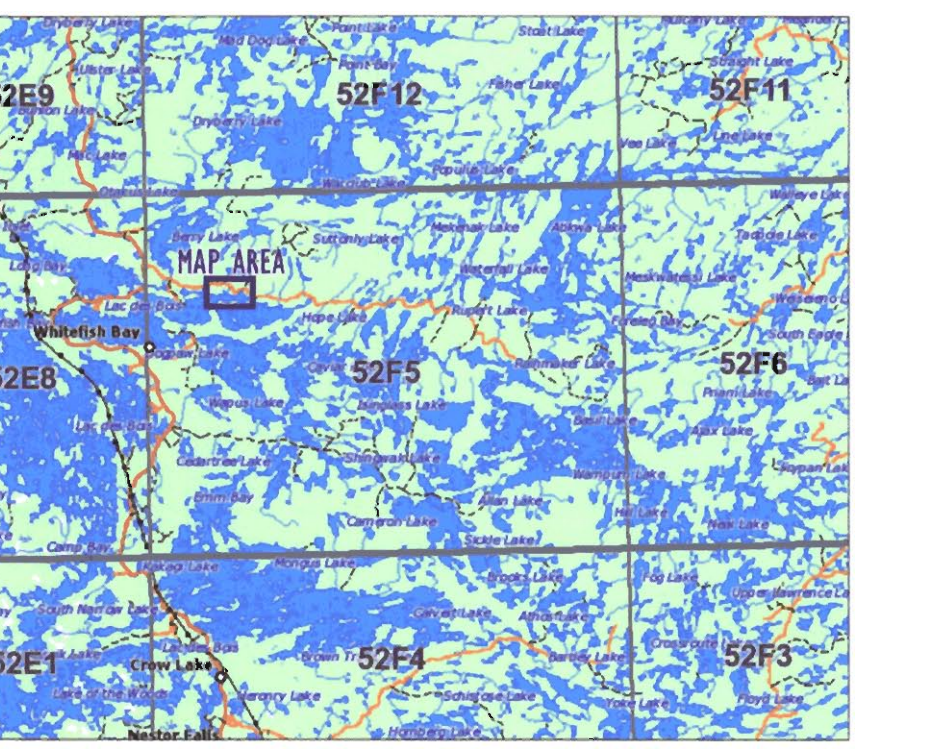
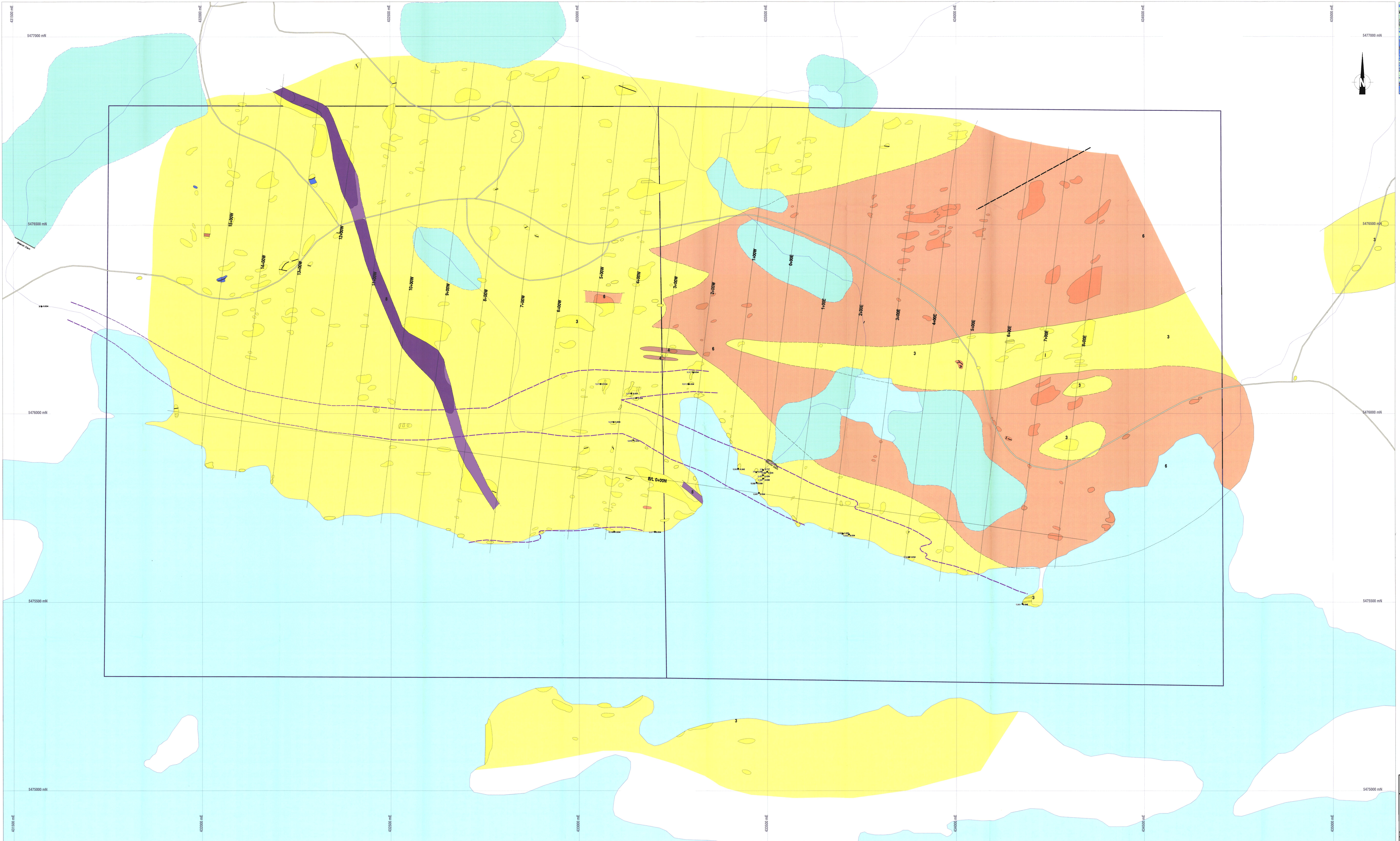
If requested analyses are not shown, results are to follow

**ANALYTICAL METHODS**

ICP PACKAGE : 0.5 gram sample digested in hot reverse aqua regia (soil,slt) or hot Aqua Regia(rocks).

*Alice Kwan*  
 \_\_\_\_\_  
 Alice Kwan, Chemist-Teck Cominco G.D.I.



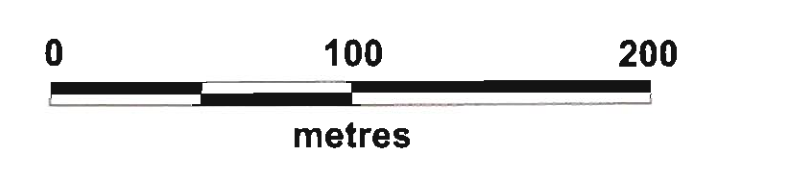


**LEGEND**

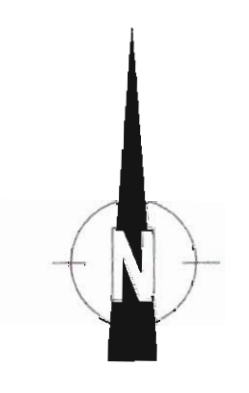
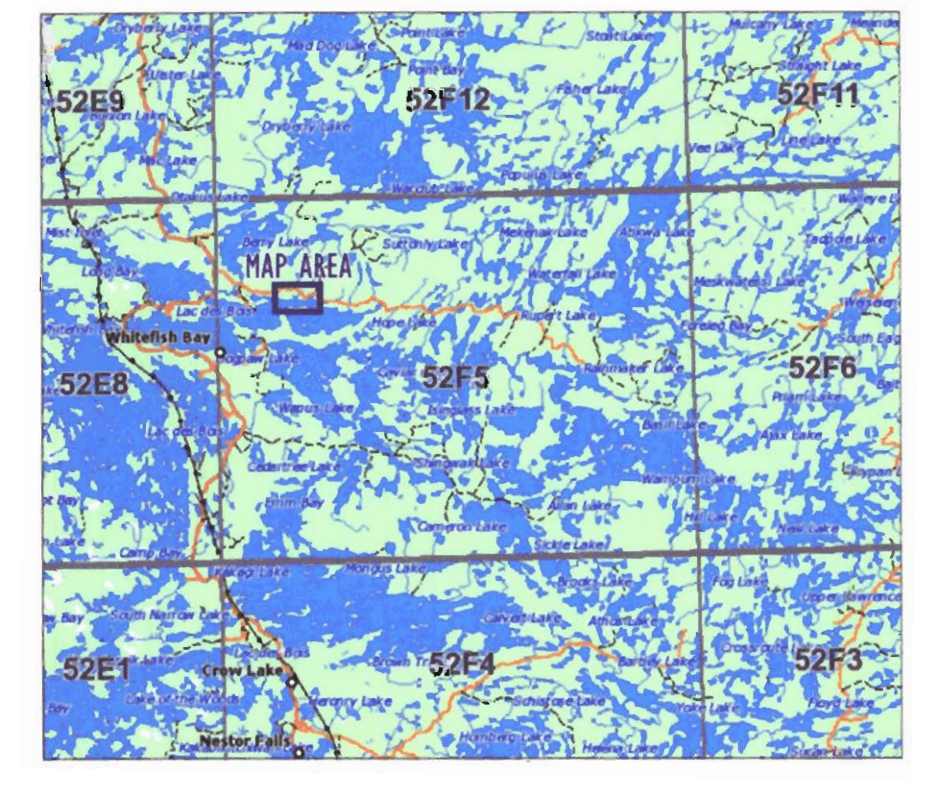
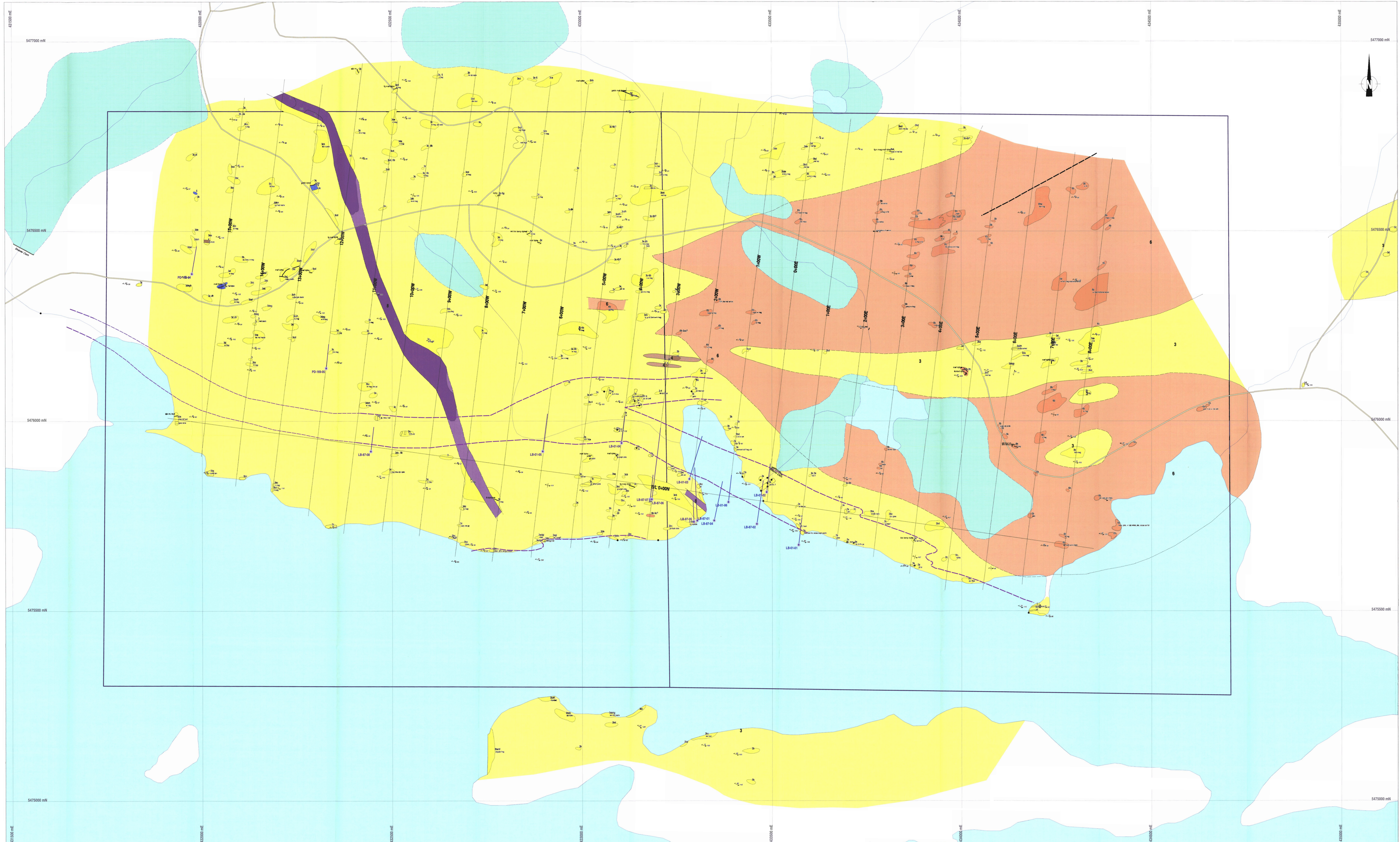
1	Diabase
7	Late Felsic Intrusives
a	Granodiorite - Quartz Diorite
8	Early Felsic Intrusives
a	Felsic Porphyry
b	Quartz Feldspar Porphyry
f	Quartz Diorite
5	Mafic Intrusives
b	Gabbro
g	Lamprophyre (Diabtic)
4	Metasediments
a	Felsophytic wacke
d	Chert
3	Felsic Metavolcanics
a	Flow
b	Tuff
c	Crystal Tuff
d	Lapilli Tuff
e	Tuff Breccia
f	Fragment supported
g	Matrix supported
h	Homolithic
i	Homolithic
j	Sericite Schist
- - -	Deformation and Alteration Zone

**2006 Sample Locations**

Sample No. ● Au value (g/t)







**LEGEND**

- 1 Diabase
- 2 Late Felsic Intrusives
  - a Granodiorite - Quartz Diorite
- 3 Early Felsic Intrusives
  - a Felsic Porphyry
  - b Quartz Felsic Porphyry
  - c Quartz Diorite
- 4 Mafic Intrusives
  - a Gabbro
  - b Lamprophyre (diolitic)
- 5 Metasediments
  - a Felsiphatic wacke
  - b Chert
- 6 Felsic Metavolcanics
  - a Flow
  - b Tuff
  - c Crystal Tuff
  - d Lacic Tuff
  - e Tuff Breccia
  - f Fragment supported
  - g Matrix supported
  - h Homolithic
  - i Homostromatic
  - j Sericite Schist
- 7 Deformation and Alteration Zone

amp	anorthite	ap	apatite	ars	arsenite	az	azurite	ba	barite	bc	barroisite	be	berthelinite	bi	biotite	bl	blebs	bo	bohmite	br	brucite	bs	brochantite	bt	butchite	bu	burnsfieldite	ca	calcite	ca	calcite	cc	cerussite	ce	cerussite	ch	chalcocite	ch	chalcocite	cl	chlorite	cl	chlorite	co	covellite	co	covellite	cp	cuprite	cu	cuprite	cs	chalcocite	cs	chalcocite	ct	calcite	ct	calcite	cu	cuprite	cu	cuprite	di	diopside	di	diopside	ep	epidote	ep	epidote	et	ettringite	et	ettringite	fe	ferrosilite	fe	ferrosilite	fs	ferrosilite	fs	ferrosilite	g	garnet	g	garnet	gl	glauberite	gl	glauberite	gn	glauberite	gn	glauberite	gr	gypsum	gr	gypsum	ha	hematite	ha	hematite	he	hematite	he	hematite	hi	hematite	hi	hematite	il	illite	il	illite	im	imbricate	im	imbricate	in	infinite	in	infinite	ir	iron	ir	iron	is	iserrite	is	iserrite	ja	jarosite	ja	jarosite	ka	kaolinite	ka	kaolinite	kb	kaolinite	kb	kaolinite	lc	lenticular	lc	lenticular	ld	lenticular	ld	lenticular	le	lepidocrocite	le	lepidocrocite	li	lithium	li	lithium	ll	lithium	ll	lithium	ln	lincolnite	ln	lincolnite	lo	lorenzenite	lo	lorenzenite	lp	lorenzenite	lp	lorenzenite	ls	laserite	ls	laserite	lt	lithium	lt	lithium	lu	lithium	lu	lithium	lv	lithium	lv	lithium	lw	lithium	lw	lithium	lx	lithium	lx	lithium	ly	lithium	ly	lithium	lz	lithium	lz	lithium	ma	malachite	ma	malachite	mb	malachite	mb	malachite	mc	malachite	mc	malachite	md	malachite	md	malachite	me	malachite	me	malachite	mf	malachite	mf	malachite	mg	malachite	mg	malachite	mh	malachite	mh	malachite	mi	malachite	mi	malachite	mj	malachite	mj	malachite	mk	malachite	mk	malachite	ml	malachite	ml	malachite	mm	malachite	mm	malachite	mn	malachite	mn	malachite	mo	malachite	mo	malachite	mp	malachite	mp	malachite	mq	malachite	mq	malachite	mr	malachite	mr	malachite	ms	malachite	ms	malachite	mt	malachite	mt	malachite	mu	malachite	mu	malachite	mv	malachite	mv	malachite	mw	malachite	mw	malachite	mx	malachite	mx	malachite	my	malachite	my	malachite	mz	malachite	mz	malachite	na	natron	na	natron	nb	natron	nb	natron	nc	natron	nc	natron	nd	natron	nd	natron	ne	natron	ne	natron	nf	natron	nf	natron	ng	natron	ng	natron	nh	natron	nh	natron	ni	natron	ni	natron	nj	natron	nj	natron	nk	natron	nk	natron	nl	natron	nl	natron	nm	natron	nm	natron	nn	natron	nn	natron	no	natron	no	natron	np	natron	np	natron	nq	natron	nq	natron	nr	natron	nr	natron	ns	natron	ns	natron	nt	natron	nt	natron	nu	natron	nu	natron	nv	natron	nv	natron	nw	natron	nw	natron	nx	natron	nx	natron	ny	natron	ny	natron	nz	natron	nz	natron	ob	orthoclase	ob	orthoclase	oc	orthoclase	oc	orthoclase	od	orthoclase	od	orthoclase	oe	orthoclase	oe	orthoclase	of	orthoclase	of	orthoclase	og	orthoclase	og	orthoclase	oh	orthoclase	oh	orthoclase	oi	orthoclase	oi	orthoclase	oj	orthoclase	oj	orthoclase	ok	orthoclase	ok	orthoclase	ol	orthoclase	ol	orthoclase	om	orthoclase	om	orthoclase	on	orthoclase	on	orthoclase	oo	orthoclase	oo	orthoclase	op	orthoclase	op	orthoclase	oq	orthoclase	oq	orthoclase	or	orthoclase	or	orthoclase	os	orthoclase	os	orthoclase	ot	orthoclase	ot	orthoclase	ou	orthoclase	ou	orthoclase	ov	orthoclase	ov	orthoclase	ow	orthoclase	ow	orthoclase	ox	orthoclase	ox	orthoclase	oy	orthoclase	oy	orthoclase	oz	orthoclase	oz	orthoclase	pa	paragonite	pa	paragonite	pb	paragonite	pb	paragonite	pc	paragonite	pc	paragonite	pd	paragonite	pd	paragonite	pe	paragonite	pe	paragonite	pf	paragonite	pf	paragonite	pg	paragonite	pg	paragonite	ph	paragonite	ph	paragonite	pi	paragonite	pi	paragonite	pj	paragonite	pj	paragonite	pk	paragonite	pk	paragonite	pl	paragonite	pl	paragonite	pm	paragonite	pm	paragonite	pn	paragonite	pn	paragonite	po	paragonite	po	paragonite	pp	paragonite	pp	paragonite	pq	paragonite	pq	paragonite	pr	paragonite	pr	paragonite	ps	paragonite	ps	paragonite	pt	paragonite	pt	paragonite	pu	paragonite	pu	paragonite	pv	paragonite	pv	paragonite	pw	paragonite	pw	paragonite	px	paragonite	px	paragonite	py	paragonite	py	paragonite	pz	paragonite	pz	paragonite	qa	quartz	qa	quartz	qb	quartz	qb	quartz	qc	quartz	qc	quartz	qd	quartz	qd	quartz	qe	quartz	qe	quartz	qf	quartz	qf	quartz	qg	quartz	qg	quartz	qh	quartz	qh	quartz	qi	quartz	qi	quartz	qj	quartz	qj	quartz	qk	quartz	qk	quartz	ql	quartz	ql	quartz	qm	quartz	qm	quartz	qn	quartz	qn	quartz	qo	quartz	qo	quartz	qp	quartz	qp	quartz	qq	quartz	qq	quartz	qr	quartz	qr	quartz	qs	quartz	qs	quartz	qt	quartz	qt	quartz	qu	quartz	qu	quartz	qv	quartz	qv	quartz	qw	quartz	qw	quartz	qx	quartz	qx	quartz	qy	quartz	qy	quartz	qz	quartz	qz	quartz	ra	radium	ra	radium	rb	radium	rb	radium	rc	radium	rc	radium	rd	radium	rd	radium	re	radium	re	radium	rf	radium	rf	radium	rg	radium	rg	radium	rh	radium	rh	radium	ri	radium	ri	radium	rj	radium	rj	radium	rk	radium	rk	radium	rl	radium	rl	radium	rm	radium	rm	radium	rn	radium	rn	radium	ro	radium	ro	radium	rp	radium	rp	radium	rq	radium	rq	radium	rr	radium	rr	radium	rs	radium	rs	radium	rt	radium	rt	radium	ru	radium	ru	radium	rv	radium	rv	radium	rw	radium	rw	radium	rx	radium	rx	radium	ry	radium	ry	radium	rz	radium	rz	radium	sa	sanidine	sa	sanidine	sb	sanidine	sb	sanidine	sc	sanidine	sc	sanidine	sd	sanidine	sd	sanidine	se	sanidine	se	sanidine	sf	sanidine	sf	sanidine	sg	sanidine	sg	sanidine	sh	sanidine	sh	sanidine	si	sanidine	si	sanidine	sj	sanidine	sj	sanidine	sk	sanidine	sk	sanidine	sl	sanidine	sl	sanidine	sm	sanidine	sm	sanidine	sn	sanidine	sn	sanidine	so	sanidine	so	sanidine	sp	sanidine	sp	sanidine	sq	sanidine	sq	sanidine	sr	sanidine	sr	sanidine	ss	sanidine	ss	sanidine	st	sanidine	st	sanidine	su	sanidine	su	sanidine	sv	sanidine	sv	sanidine	sw	sanidine	sw	sanidine	sx	sanidine	sx	sanidine	sy	sanidine	sy	sanidine	sz	sanidine	sz	sanidine	ta	talc	ta	talc	tb	talc	tb	talc	tc	talc	tc	talc	td	talc	td	talc	te	talc	te	talc	tf	talc	tf	talc	tg	talc	tg	talc	th	talc	th	talc	ti	talc	ti	talc	tj	talc	tj	talc	tk	talc	tk	talc	tl	talc	tl	talc	tm	talc	tm	talc	tn	talc	tn	talc	to	talc	to	talc	tp	talc	tp	talc	tq	talc	tq	talc	tr	talc	tr	talc	ts	talc	ts	talc	tt	talc	tt	talc	tu	talc	tu	talc	tv	talc	tv	talc	tw	talc	tw	talc	tx	talc	tx	talc	ty	talc	ty	talc	tz	talc	tz	talc	ua	uranium	ua	uranium	ub	uranium	ub	uranium	uc	uranium	uc	uranium	ud	uranium	ud	uranium	ue	uranium	ue	uranium	uf	uranium	uf	uranium	ug	uranium	ug	uranium	uh	uranium	uh	uranium	ui	uranium	ui	uranium	uj	uranium	uj	uranium	uk	uranium	uk	uranium	ul	uranium	ul	uranium	um	uranium	um	uranium	un	uranium	un	uranium	uo	uranium	uo	uranium	up	uranium	up	uranium	uq	uranium	uq	uranium	ur	uranium	ur	uranium	us	uranium	us	uranium	ut	uranium	ut	uranium	uu	uranium	uu	uranium	uv	uranium	uv	uranium	uw	uranium	uw	uranium	ux	uranium	ux	uranium	uy	uranium	uy	uranium	uz	uranium	uz	uranium	va	vanadinite	va	vanadinite	vb	vanadinite	vb	vanadinite	vc	vanadinite	vc	vanadinite	vd	vanadinite	vd	vanadinite	ve	vanadinite	ve	vanadinite	vf	vanadinite	vf	vanadinite	vg	vanadinite	vg	vanadinite	vh	vanadinite	vh	vanadinite	vi	vanadinite	vi	vanadinite	vj	vanadinite	vj	vanadinite	vk	vanadinite	vk	vanadinite	vl	vanadinite	vl	vanadinite	vm	vanadinite	vm	vanadinite	vn	vanadinite	vn	vanadinite	vo	vanadinite	vo	vanadinite	vp	vanadinite	vp	vanadinite	vq	vanadinite	vq	vanadinite	vr	vanadinite	vr	vanadinite	vs	vanadinite	vs	vanadinite	vt	vanadinite	vt	vanadinite	vu	vanadinite	vu	vanadinite	vv	vanadinite	vv	vanadinite	vw	vanadinite	vw	vanadinite	vx	vanadinite	vx	vanadinite	vy	vanadinite	vy	vanadinite	vz	vanadinite	vz	vanadinite	wa	wadsworthite	wa	wadsworthite	wb	wadsworthite	wb	wadsworthite	wc	wadsworthite	wc	wadsworthite	wd	wadsworthite	wd	wadsworthite	we	wadsworthite	we	wadsworthite	wf	wadsworthite	wf	wadsworthite	wg	wadsworthite	wg	wadsworthite	wh	wadsworthite	wh	wadsworthite	wi	wadsworthite	wi	wadsworthite	wj	wadsworthite	wj	wadsworthite	wk	wadsworthite	wk	wadsworthite	wl	wadsworthite	wl	wadsworthite	wm	wadsworthite	wm	wadsworthite	wn	wadsworthite	wn	wadsworthite	wo	wadsworthite	wo	wadsworthite	wp	wadsworthite	wp	wadsworthite	wq	wadsworthite	wq	wadsworthite	wr	wadsworthite	wr	wadsworthite	ws	wadsworthite	ws	wadsworthite	wt	wadsworthite	wt	wadsworthite	wu	wadsworthite	wu	wadsworthite	wv	wadsworthite	wv	wadsworthite	ww	wadsworthite	ww	wadsworthite	wx	wadsworthite	wx	wadsworthite	wy	wadsworthite	wy	wadsworthite	wz	wadsworthite	wz	wadsworthite	xa	xanthophyllite	xa	xanthophyllite	xb	xanthophyllite	xb	xanthophyllite	xc	xanthophyllite	xc	xanthophyllite	xd	xanthophyllite	xd	xanthophyllite	xe	xanthophyllite	xe	xanthophyllite	xf	xanthophyllite	xf	xanthophyllite	yg	yugawite	yg	yugawite	yh	yugawite	yh	yugawite	yi	yugawite	yi	yugawite	yj	yugawite	yj	yugawite	yk	yugawite	yk	yugawite	yl	yugawite	yl	yugawite	ym	yugawite	ym	yugawite	yn	yugawite	yn	yugawite	yo	yugawite	yo	yugawite	yp	yugawite	yp	yugawite	yq	yugawite	yq	yugawite	yr	yugawite	yr	yugawite	ys	yugawite	ys	yugawite	yt	yugawite	yt	yugawite	yu	yugawite	yu	yugawite	yv	yugawite	yv	yugawite	yw	yugawite	yw	yugawite	yx	yugawite	yx	yugawite	yy	yugawite	yy	yugawite	yz	yugawite	yz	yugawite	za	zircon	za	zircon	zb	zircon	zb	zircon	zc	zircon	zc	zircon	zd	zircon	zd	zircon	ze	zircon	ze	zircon	zf	zircon	zf	zircon	zg	zircon	zg	zircon	zh	zircon	zh	zircon	zi	zircon	zi	zircon	zj	zircon	zj	zircon	zk	zircon	zk	zircon	zl	zircon	zl	zircon	zm	zircon	zm	zircon	zn	zircon
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