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1998 COMPILATION AND LITHOGEOCHEMICAL  
SAMPLING PROGRAM

**WHITE RIVER PROPERTY**  
HEMLO CAMP  
ONTARIO

LAC EXPLORATION INC.

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**2.19404**

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## IN POCKET

Geological Compilation Map, 1: 20,000

Claim map, 1:20,000

## **SUMMARY**

The White River Property is comprised of 707 claims in Bomby, Brothers and Laberge townships and is located 48 kilometres East of the town of Marathon, Ontario, approximately 2 to 6 kilometres north of Highway 17. The mines of the Hemlo camp lie approximately 2.5 kilometres to the west.

The White River Property has been the subject of several exploration campaigns from 1981 through 1996. Work has included gridding, various airborne and ground geophysics, extensive humus sampling, over 37,000 metres of diamond drilling in roughly 200 holes and most recently, a lithogeochemical sampling program on the Upper Anomalous and Gouda Lake / Thor Lake Zones.

The best results were obtained in the Gouda Lake area in the extreme southeast corner of the property. The Main Gouda Lake Horizon, represented by an area 800 metres x 500 metres x 200 metres, yielded significant gold values, (12.3 g/t/1.0 m, 7.11 g/t/3.58m), associated with silver, lead and zinc. Follow-up diamond drilling, (totalling 7,400 metres), along 6.5 kilometres east and west of the main horizon failed to demonstrate a continuity to the zone.

The three other horizons receiving the most attention were the Egg Lake, (Upper Anomalous Zone), the Cadi and Yellow Birch Alteration Zones. In the Egg Lake area, (thought to be the eastward strike extension of the Hemlo stratigraphy), 14,200 metres of diamond drilling tested 5.0 kilometres x 1.5 kilometres x 200 metres and yielded a best value of 5.14 g/t/1.0 m. The Cadi Zone obtained a best value of 0.9 g/t Au in 3,089 metres of diamond drilling testing 17.0 kilometres x 300 metres. The Yellow Birch Alteration Zone tested 3.0 kilometres x 500 metres with 3,810 metres of diamond drilling for a best value of 0.39 g/t Au. Drilling on the property was concentrated to a depth of -150 to -200 metres though on rare occasions depths of up to -700 metres vertical were attained.

In the summer of 1998, LAC EXPLORATION INC. did an extensive compilation of the previous work done on the property to determine what additional work was necessary. Following the compilation, a lithogeochemical sampling program was undertaken on both the Gouda Lake / Thor Lake Zones and the Upper Anomalous Zone in an attempt to quantify the alteration and compare it to Hemlo. Results of the sampling demonstrated that the Gouda Lake horizon is favourable for finding Hemlo – type mineralization. The Upper Anomalous Zone however, did not demonstrate any geochemical similarities to that of the Hemlo camp.

The White River Property has been fairly extensively tested by diamond drilling over its entire 17 kilometre strike length, and results from the various programs, together with the lithogeochemical sampling results from the Gouda Lake Zone would indicate that further exploration efforts should be concentrated at depth on the Gouda Lake and Thor Lake horizons and in the vicinity of the DC Fault.



## **I. INTRODUCTION**

The present report describes the work done and the results obtained from the recent program conducted by LAC EXPLORATION INC. on its White River property. During the summer of 1998, a compilation of all the work done on the property was undertaken in order to determine what additional work was necessary for a complete comprehension of the property.

Following the compilation, two areas were targeted for a lithogeochemical sampling program. Two representative traverses, one in the Upper Anomalous Zone and the other across the Gouda Lake Zone were selected for a diamond drill hole re-sampling program.

## **II. PROPERTY, LOCATION AND ACCESS**

The White River Property is located 48 kilometres East of the town of Marathon, in the South-western part of Ontario (Figure 1). It is accessible by Highway 17, which is located 2 to 6 kilometres to the North, and by secondary roads and ATV trails. The mines of the Hemlo camp lie approximately 2.5 kilometres to the west.

The property is comprised of 707 contiguous claims in Bomby, Brothers and Laberge townships (Figure 2). LAC EXPLORATION INC., a subsidiary of BARRICK GOLD CORPORATION, has a 100% interest in the property.

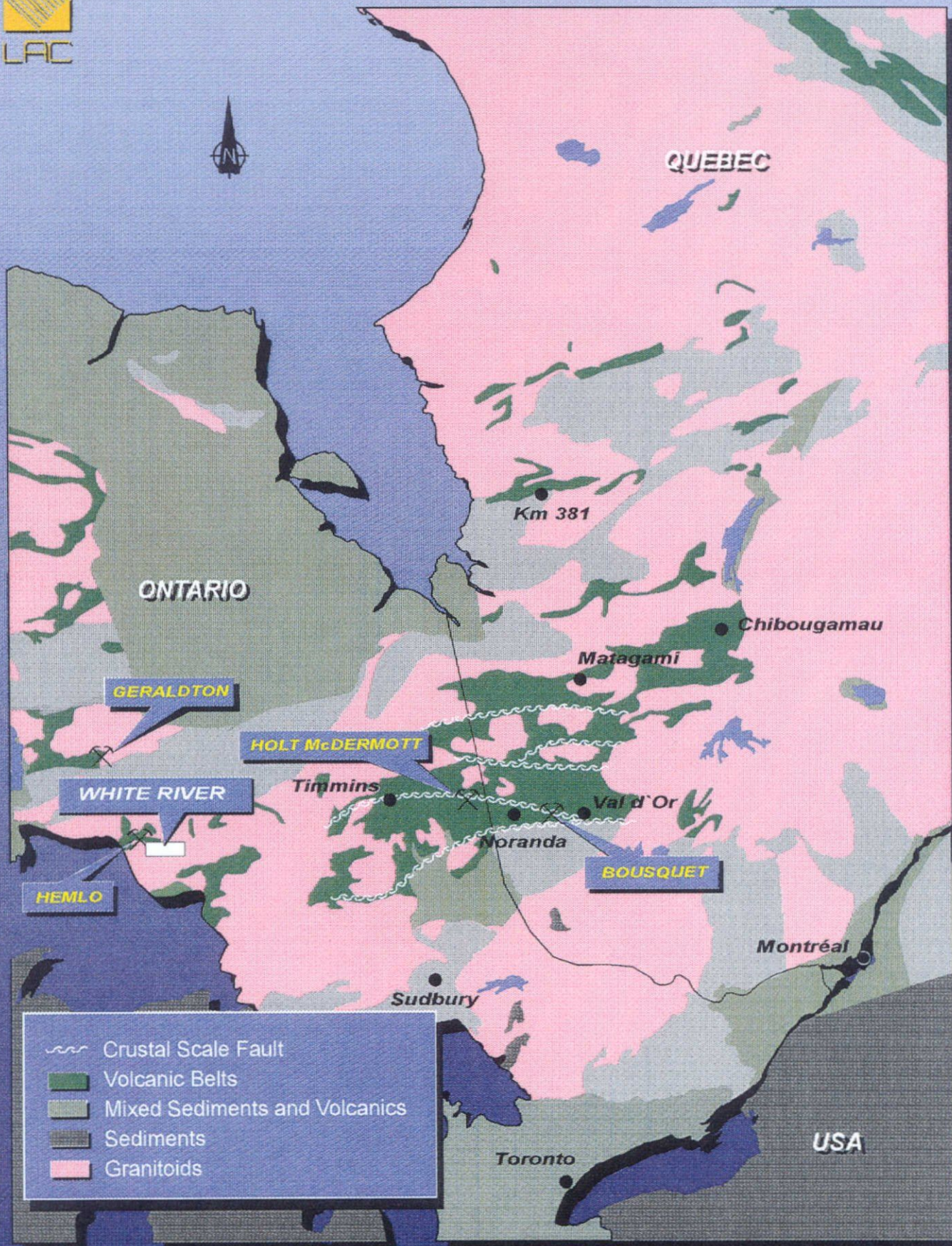
## **III. GENERAL GEOLOGY**

### **A. Geology of the White River Property**

The White River Property is part of the east-west trending Hemlo greenstone belt in the Wawa subprovince of the Superior province (Figure 3). The belt comprises two major volcano-sedimentary groups, the Playter Harbour in the south and the Heron Bay group in the north. The former dominantly comprises tholeiitic (meta) basalts intercalated with clastic metasedimentary rocks. The Heron Bay Group consists of intermediate to felsic volcanics of calc-alkaline affinity intercalated with clastic sedimentary rocks. The Hemlo gold deposits are located near the top of the Heron Bay sequence. All major rock types are strongly foliated and dip to the north at varying angles. Detailed structural analysis of the Hemlo deposits shows that the sequence has been subjected to at least 4 phases of deformation. Numerous mafic dykes and bodies of quartz porphyry of Archean age occur generally parallel to the main penetrative foliation. The entire sequence is cut by late Proterozoic dykes.



# REGIONAL GEOLOGY - White River Property



- Crustal Scale Fault
- Volcanic Belts
- Mixed Sediments and Volcanics
- Sediments
- Granitoids

Figure 1



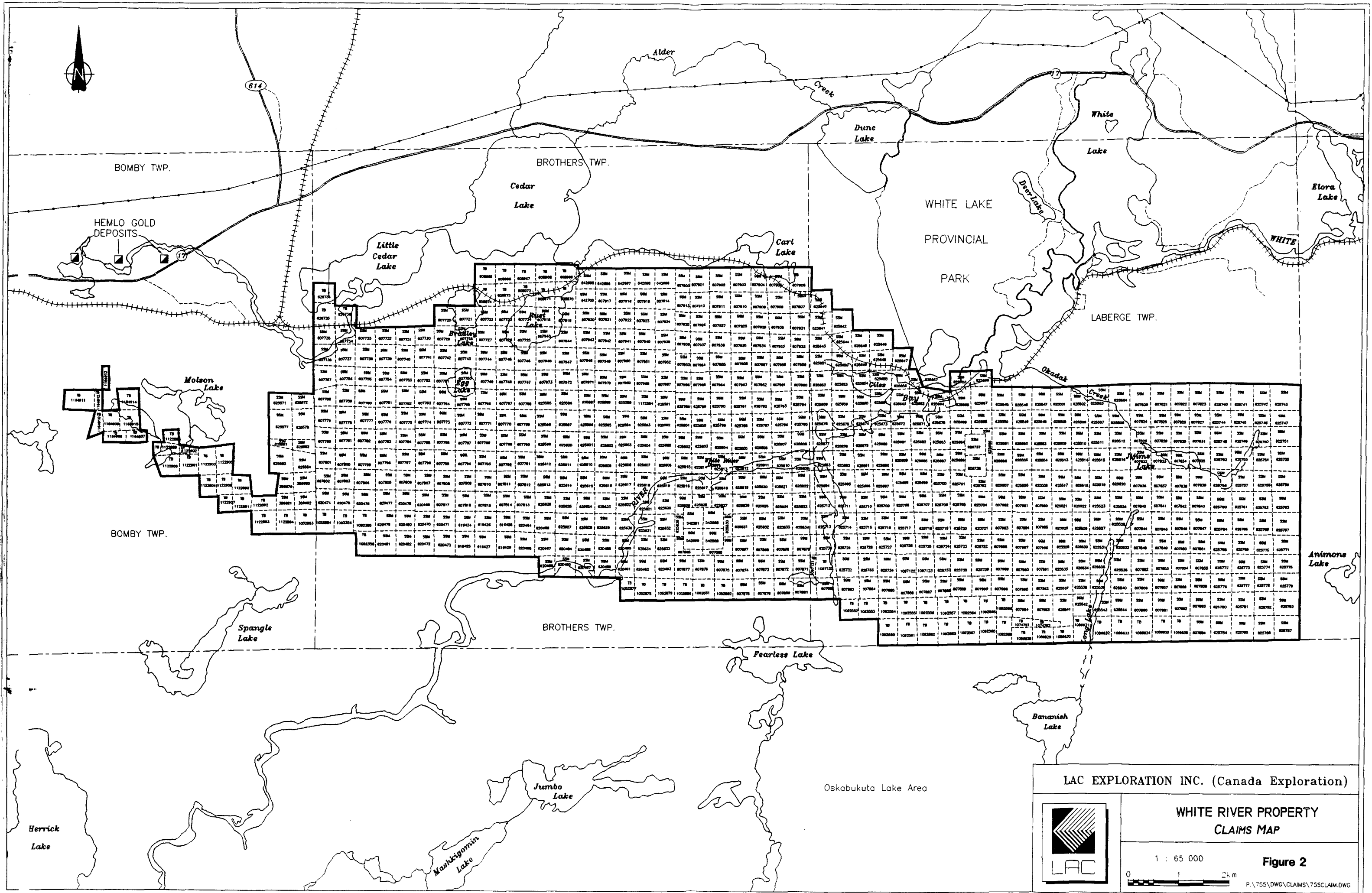
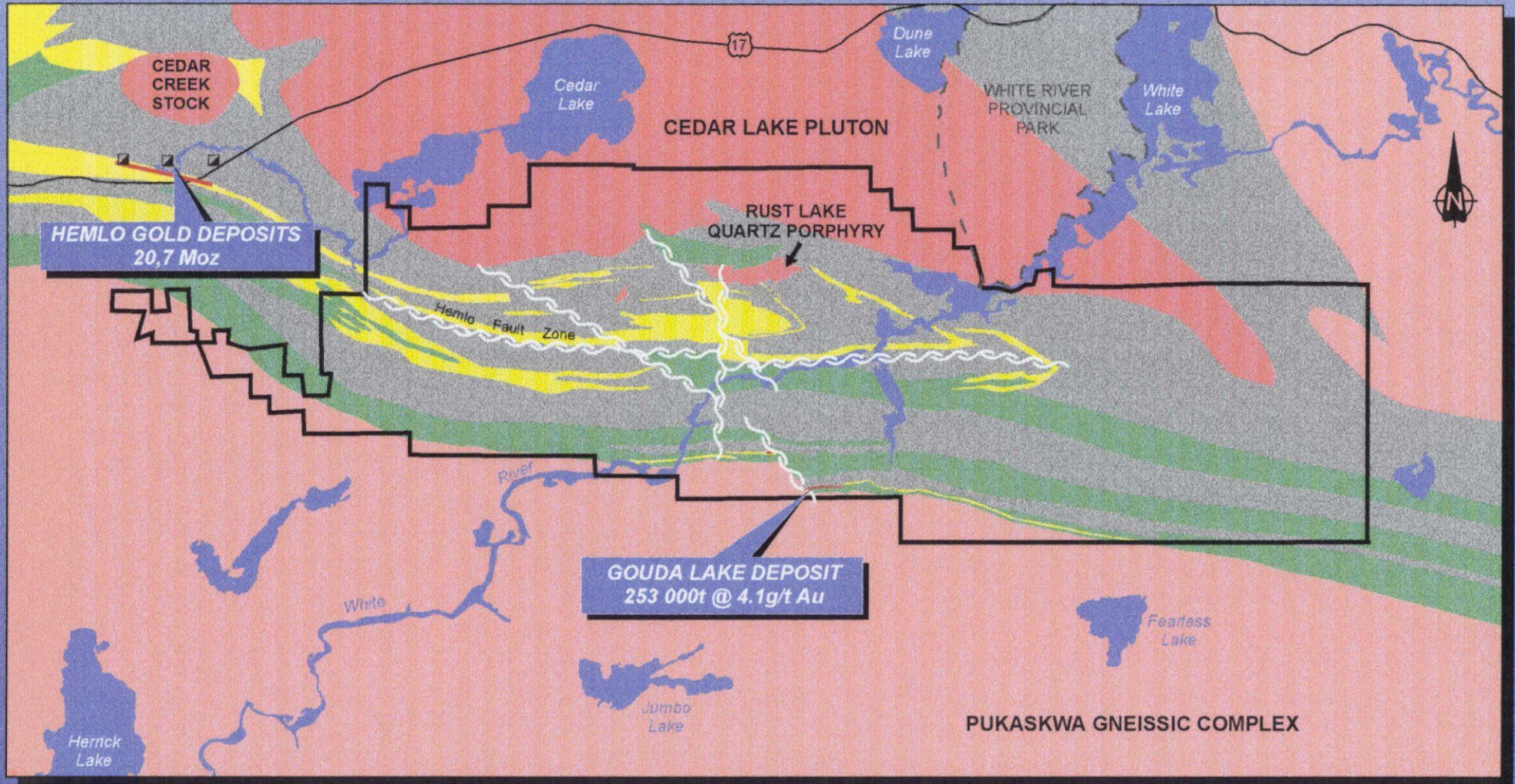


Figure 2





# WHITE RIVER PROPERTY Geological Map



- |                       |                             |                   |
|-----------------------|-----------------------------|-------------------|
| Felsic Meta Volcanics | Intermediate Meta Volcanics | Au Mineralization |
| Gneissic Complex      | Mafic Meta Volcanics        |                   |
| Granitoid             | Meta Sediments              |                   |

SCALE:  
0 2km

855GLOC.CDR

Figure 3



## **B. Geology of the Hemlo Mines**

The Hemlo deposits are located within a roughly 800 metre wide shear zone, termed the Hemlo Shear Zone, lying within the 290 degree trending segment of the Schreiber – Hemlo greenstone belt. The rocks comprising the Hemlo orebody dip at 60-70 degrees to the northeast and plunge 50 degrees to the west. The deposit orebodies collectively, extend for a strike length of 3.7 km, a depth of 1.35 km and an approximate down-plunge distance of 2.5 km.

The mines lie largely at or near the contact between felsic to intermediate quartz-feldspar phyrlic rocks and metasediments. Metamorphism has attained the amphibolite facies and rocks of the Hemlo camp have undergone extreme deformation. Eighty-eight (88) percent of the ore is contained within the sediments and a transitional sedimentary– volcanoclastic mafic precursor. The remainder of the ore is hosted within the Moose Lake qtz-feldspar porphyry. The highest grade gold, >10 g/t, is associated with a barite-rich rock.

Alteration consists of barian microclinization and silicification in the core of the zone, grading out to muscovite. Metals enriched in the deposit include Mo, V, W, Zn, Sb, As and Hg. The most important visual indicators of mineralization are K feldspar, molybdenum and vanadian muscovite.

## **C. Hemlo stratigraphy vs White River stratigraphy**

The eastward strike extension of the Hemlo mines is interpreted to occur on the White River Property in the Egg Lake area. The metasedimentary package of rocks appears to form a continuous band from the Hemlo area east, while the Moose Lake porphyry is pinched off 700 metres east of the David Bell Mine. In the Egg Lake area a felsic to intermediate quartz – feldspar phyrlic body approximately 1.8 kilometres east-west by 40 metres wide lying within the sediments has been the subject of a great amount of diamond drilling due to its believed Hemlo-like setting. The highest value reported from the Egg Lake Horizon was 5.14 g/t/1.0 m with most of the values in the range of 0.4 – 0.7g/t as isolated samples. Alteration from the drill holes in the Egg Lake area was recently quantified using lithogeochemistry as we will see in the section VI.

## **IV. 1998 COMPILATION**

The White River Property has been the focus of extensive exploration from 1981 through 1996. Over \$10.0 million dollars has been spent on work

including gridding, airborne and ground geophysics, humus sampling, and over 37,000 metres of diamond drilling. A thorough compilation of the White River Property was undertaken in 1991 by David Adamson of Lac Minerals. Subsequent to this, the property was optioned by Placer Dome Canada from 1993 to 1996 and more work was carried out, principally on the Upper Anomalous and Yellow Birch Alteration Zones.

In order to reach a conclusion concerning the White River Property, the entire property along its 17 kilometre length was examined and all documents, dating from 1981 when the property was acquired, to 1997 when the property was returned from Placer Dome to Lac Minerals were consulted. All pertinent files in the general, geology, geophysics, geochemistry and diamond drilling categories were examined. In addition to this several documents pertaining to the Hemlo Camp were consulted for reference, (see list of references). A summary of the main works is done in the following section.

## **V. PREVIOUS WORK**

### **A. Geochemistry**

#### *Humus Geochemistry and the Hemlo Camp*

The Hemlo orebody is known to be associated with elevated values of Au, As, Sb, Hg, Mo, Ba, V or some combination of these metals. Humus geochemistry has been used extensively as an exploration tool on the White River Property looking for some indication of enrichment of some or all of these metals. To place the use of humus geochemistry on the White River Property into context, an M. Sc. Study completed by David Bree on the use of soil geochemistry as an exploration tool in the Hemlo camp was consulted.

Following are some of the conclusions he reached :

- 1) gold in humus at Hemlo was picked up directly over and up-ice from the mineralized zone within background values of 5 ppb,
- 2) anomalies were narrow and erratic, generally from 50-150 feet, occasionally over 25 feet,
- 3) substantial subcropping of the mineralized zone was necessary so that enough dispersed material could be picked up in a sampling program,
- 4) gold was the best indicator for itself with the highest values over the mineralized zone of 12-15 ppb Au and very spikes of 100 ppb.

In the Hemlo area, Mo can be used to detect the Golden Sceptre and Williams Mines but not David Bell. Barium detects the David Bell and Golden

Sceptre Mines but not the Williams. Arsenic shows no relation to Au at Hemlo. In short, the conclusions of David Bree's study were that humus geochemistry does pick up the Hemlo orebody. Based on his data however, other conclusions could be drawn, one of them being that using humus geochemistry as an exploration guide in the Hemlo Camp is a very hit-and-miss proposition.

### *White River Humus Geochemistry*

Throughout the 16 years of exploration on the White River Property, over 15,000 samples were collected for humus geochemistry. Through consultation of the various documents, it became clear that due to contamination problems at Bondar-Clegg's assay lab, more than 80% of the reported values for the 15,000 samples were questionable. It was recommended in 1991 Adamson, David A. White River Compilation Project that the gold data not be used to guide any further exploration on the property.

A 2,800 sample humus program undertaken by Placer Dome in 1994 indicated that checks on 124 samples revealed poor precision for all elements, and particularly gold. Nevertheless, areas anomalous in gold were outlined, and 4 areas out of 6 were tested by drilling with no significant results. In light of the conclusions reached by Bree on the Hemlo properties and due to the fact that >80% of the humus database for White River is thought to be contaminated, continued use of any humus geochemistry data as an exploration guide would be inappropriate.

### **B. Hemlo area high density lake sediment survey, August 1996**

Richard Dyer of the OGS conducted a lake bottom sediment survey in August 1996, part of which covered Molson and Frank Lakes on the White River Property. Lake bottom sediments were analysed for Au, Ag, REE, Mo, Sb, Y, Pb and V. Results of the survey relate all anomalous values in the Molson and Frank Lake areas to tailings from the Williams Mine.

## **C. Geophysics**

Geophysical surveys undertaken on the White River property include VLF, AEM, ground UTEM, geoprobe sounding and IP. Correlation of the geophysical compilation maps with the property diamond drilling compilation map indicates that all anomalous geophysical trends have been tested. Certain pinpoint anomalies were left untested following results of the diamond drilling in that particular area. Testing of most of the geophysical targets yielded negative results with the exception of the Gouda Lake Horizon, and the Upper Anomalous Zone.

## **D. Diamond Drilling**

Over 37,000 metres of diamond drilling have been undertaken on the White River Property. Drilling was concentrated in 9 different zones, of which the Gouda Lake, Egg Lake (Upper Anomalous Zone), Yellow Birch Alteration and Cadi Zones deserve attention (Table 1).

### *Gouda Lake Zone*

The most significant results from exploration have come from the Gouda Lake area in the southeastern corner of the property. Mineralization at Gouda Lake occurs within a unit of sericite schist which is approximately 20 m thick and dips 26 degrees to the north. Mineralization consists of 1-50% fine grained to massive pyrite with interstitial sphalerite and galena up to 5% combined. Maximum gold and silver values appear to correlate with anomalous concentrations of galena, and to a lesser extent, sphalerite.

Diamond drilling in the Gouda Lake area totaled 7,400 metres, and significant values were obtained within the 800 m x 500 m x 200 m vertical area known as the Main Gouda Lake horizon. Values included 12.3 g/t/1.0m, 7.11 g/t/3.58 m, 5.2 g/t/1.48 m. All gold values are associated with anomalous silver, copper, zinc, mercury and antimony. Thin section studies of gold-bearing intersections did not locate any gold, however electron microprobe work noted gold as inclusions in allargentum, a Ag, Sb, S mineral. Drilling along strike to the east and west for 6.5 kilometres does recognize the Gouda Lake horizon with anomalous Pb and Zn values, however there is no gold associated with it.

### *Egg Lake Horizon (Upper Anomalous Zone)*

The Egg Lake Horizon, containing the Upper Anomalous Zone, was thought to be the eastern strike extension of the Hemlo hanging wall stratigraphy.



This zone was the focus of 14,200 meters of diamond drilling on a 10 metre wide zone of sericite – carbonate alteration in pelitic host rocks. The best value obtained from drilling a 5.0 km x 1.5 km x 200 m vertical area was 5.14 g/t/1.0m, however typical results were in the order of 0.4 - 0.7 g/t as isolated values.

#### *Yellow Birch Alteration Zone*

The Yellow Birch Alteration Zone lies at a volcano-sediment contact and is associated with microclinisation, albitization, carbonatization and local silicification and sericitization. More than 3,800 metres were drilled over a 3.0 km x 500m x 200 m vertical area with a best value of 0.39 g/t as an isolated value.

#### *Cadi Zone*

The Cadi Zone is interpreted to lie within the Hemlo Fault Zone, developed within mafic volcanics. It is a thin, (<3 m) wide acrinolite schist and was the subject of 3,089 m of diamond drilling over a 17.0 km x 300m area. The best value obtained on the Cadi Zone was 0.9 g/t Au, and 490 ppm Mo, not necessarily related.

#### *Other targets*

“Other targets” accounted for 2,100 metres of diamond drilling on the White River Property. A maximum value of 0.73 g/t Au was obtained in this drilling.

**Table 1:**

#### **DIAMOND DRILLING STATISTICS**

<b>Zone</b>	<b>Strike Length Tested</b>	<b>Average distance between holes</b>	<b>Best value</b>	<b>Typical value</b>
Upper nomalous	5.0 km	205 m	5.14 g/t/1.0m	0.4-0.7g/t isolated
Main Gouda Lake	800 metres	80 m	7.1 g/t/3.6m	0.5g/t – 4g/t/1.5m
East Gouda Lake	1.5 km	300 m	<10 ppb Au	<10 ppb Au
West Gouda Lake	5.0 km	580 m	0.19g/t/1.16m	<10 ppb Au
Cadi	17.0 km	835 m	0.9 g/t	<10 ppb Au
Yellow Birch	3.0 km	470 m	0.39 g/t isolated	<10 ppb Au

## **E. Camiro Study 1998 and its relevance to Exploration on White River**

A final presentation on the CAMIRO study of the Hemlo deposit was given in Toronto on April 30, 1998. The purpose of the industry sponsored study was to more specifically characterize the Hemlo mines in terms of geophysical, geochemical and structural attributes, and to therefore provide the industry with exploration criteria for "finding the next Hemlo". While many conclusions were reached with regards to Hemlo, the practical applications these conclusions have towards exploration both inside and outside the camp are limited.

It is recognized that Au at Hemlo is associated with enrichments in Mo, V, W, Zn, Sb, As and Hg, however dispersion halos for most of these metals is < 10 m outside the ore zones. Arsenic and mercury, which were remobilized during retrograde events can be anomalous up to 40 metres from the ore zones. It has been shown that soil and stream sediment sampling on the White River Property are not effective tools, yet one of the recommendations from the CAMIRO study is to use these as part of an exploration program to detect these metals.

Alteration at Hemlo consists of an inner potassic core, and an outer muscovite halo that extends for 30 metres outside the economic zone. Potassium and silica gains can only be measured for approximately 10 metres from the ore zone, while Na depletion extends for approximately 60 metres. It was suggested by CAMIRO that mineral composition was a useful tool, i.e. the percentage of Ba in microcline of the percentage of V and Ba in muscovite are unique to Hemlo and therefore analysis of microcline and muscovite for Ba and V in exploration programs would perhaps vector toward a Hemlo type deposit, (similar to the practice of assaying for indicator minerals in diamond exploration).

## **VI. 1998 LITHOGEOCHEMICAL SAMPLING PROGRAM**

### **A. Work done**

During the summer of 1998, the authors of this report spent two weeks on the White River property undertaking a lithogeochemical sampling program on selected previous diamond drill holes. This sampling was conducted across two traverses, one in the Upper Anomalous Zone and the other across the Gouda Lake Zone (Tables 2 and 3, plan in pocket).

During that visit, 189 samples were taken to determine major and trace elements, and 27 samples were taken for trace elements only. The series of samples taken for trace elements only yields from Gouda Lake and was done in an attempt to determine a possible metal zonation between Gouda Lake and Thor Lake and ultimately to reconstruct the geometry between the two zones.

Table 2 :

**WHITE RIVER PROPERTY**  
**1998 Lithogeochemical sampling**  
**Description and results**

#	Hole	Depth	Code	Rock type	Mineralogy	Mineralization	Veins	Def.	Au ppb	Cu pp	Zn pp	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	Total %	Ba ppm	Cr ppm	Sr ppm	Zr ppm	Y pp	Sn pp	As pp	Sb pp	Mo ppm	V ppm	KI
<b>SEDIMENT</b>																																		
88005	J-8-2	-123.9	SED+V3B	S3G	Fp-Bo-Am	nil	(Ep)	W-M	<5	52	114	63.53	0.65	16.35	5.83	0.06	3.09	2.35	4.52	2.56	0.19	1.14	100.45	865	367	534	150	14	4	150	<1	0	<4	0.36
88006	J-8-2	-134	SED+V3B	S3G, (V3B?)	Fp-Am-Bo	nil		W	<5	52	106	62.93	0.69	16.47	5.78	0.06	3.04	2.51	4.76	2.66	0.19	0.94	100.19	752	330	457	161	15	3	142	<1	0	<4	0.36
88007	J-8-2	-145.5	SED+V3B	S3G, (V3B?)	Fp-Am-Bo	nil	5% Ep	W	6	56	100	63.49	0.60	15.55	5.34	0.07	2.89	3.23	3.91	2.55	0.18	2.07	100.07	769	315	726	156	13	4	92	<1	0	<4	0.39
88008	J-8-2	-154.8	SED+V3B	S3G	Fp-Am-Bo-(Mu)	Tr. Py	(Ep)	W	<5	81	98	64.65	0.60	15.58	5.45	0.06	2.79	2.87	4.04	2.42	0.18	1.71	100.53	859	358	668	151	12	4	106	<1	0	<4	0.37
88020	J-8-3		BASALT	S3G (V3B) ALT	Bo-Am-Gr	tr Py			<5	40	53	49.07	0.27	6.11	8.47	0.17	20.51	7.16	0.10	2.75	-0.03	5.45	100.28	394	1809	58	15	5	5	<1	0	29	89	0.96
88022	J-8-3		SED+V3B	S3G ?	Fp-Am-Bo	Tr. Py	(Qz)		<5	28	56	62.25	0.40	16.77	3.90	0.07	2.37	4.33	6.13	2.50	0.25	0.64	99.97	1331	117	2097	221	16	<4	<1	0	<1	39	0.29
88023	J-8-3		SED+V3B	S3G	Fp-Am-Ep	nil	QzEp		<5	18	32	62.90	0.43	15.95	4.15	0.08	2.20	5.13	5.93	1.89	0.26	1.04	100.28	947	95	2217	217	15	<4	2	0	<1	40	0.24
88024	J-8-3		SED+V3B	S3G	Fp-Am-Ep	nil	(Ep)	W	<5	40	35	56.66	0.56	15.03	5.84	0.11	3.76	7.00	3.68	4.54	0.50	0.90	98.92	1708	116	1687	245	18	6	<1	0	<1	53	0.55
88025	J-8-3		SED+V3B	S3G			(K Fp?) (Ep)	W	<5	30	42	63.80	0.44	16.02	3.77	0.06	2.27	4.28	5.27	2.50	0.20	1.04	99.91	972	140	1684	192	9	<4	<1	0	2	50	0.32
88026	J-8-3		SED+V3B	S3G ??	Fp-Amp	nil	(Ep) (Ab)	W	<5	23	55	67.29	0.37	15.71	3.15	0.05	2.05	3.29	5.92	1.25	0.18	0.94	100.41	816	138	1040	160	10	<4	<1	0	<1	50	0.17
88028	J-8-3		SED+V3B	S3G (V3B?)	Fp-Am-Ep-(Bo)	nil	Ep	W	<5	30	51	63.31	0.47	16.36	4.09	0.06	2.27	4.77	5.41	1.58	0.24	1.24	100.03	986	157	1158	166	12	<4	<1	0	<1	61	0.23
88029	J-8-3		SED+V3B	S3G (Ab+)	Fp-(Am)-(Mu)	nil	(Qz)	W	<5	19	62	66.59	0.47	15.34	3.51	0.05	1.89	3.40	4.83	1.49	0.11	2.15	99.96	574	142	485	143	7	4	<1	0	2	64	0.24
88030	L-8-1	-4.07	SED+V3B	V3B (S3G)	Am-Fp-Bo	1% Py	1-3% vQzA	M.	<5	47	65	59.60	0.63	15.74	6.62	0.09	4.26	5.09	5.77	1.40	0.30	1.10	100.74	475	199	714	159	14	<4	<1	0	2	76	0.20
88038	L-8-1	-82.98	SED+V3B	S3G	Am-Fp-Bo	nil	nil		<5	43	86	69.41	0.29	15.55	2.78	0.04	1.36	2.43	4.61	2.41	0.14	1.12	100.29	804	173	507	147	10	<4	<1	0	2	52	0.34
88039	L-8-1	-91.39	SED+V3B	ALT EP+ (S3G)	Ep-Fp-Am-Bo	nil	Ep	W	<5	23	73	68.05	0.43	16.28	3.18	0.05	1.21	3.14	4.74	2.14	0.15	1.32	100.82	634	185	564	141	9	<4	<1	0	3	36	0.31
88040	L-8-1	-102.4	SED+V3B	ALT AB? EP+		1-2% Py	Ep(Qz)	W	<5	30	85	69.59	0.33	15.03	3.32	0.03	1.41	2.72	3.98	2.24	0.13	2.01	100.93	686	180	495	132	9	<4	<1	0	3	37	0.36
88252	M-11-2	-29.14	SED+V3B	S3G (V3B?)	Fp-Am-Bo-Ep	nil	nil		<5	57	47	64.30	0.57	14.63	5.46	0.08	2.50	4.88	5.28	1.35	0.18	0.68	100.03	557	180	491	163	16	<4	<1	0	<1	46	0.20
88253	M-11-2	-43.33	SED+V3B	S3G (V3B?)	Fp-Am-Bo-Ep	nil	nil		<5	25	81	64.90	0.50	14.47	5.61	0.09	2.61	2.42	2.04	6.34	0.18	0.70	100.03	1148	226	374	136	11	<4	<1	0	<1	90	0.76
88254	M-11-2	-57.74	SED+V3B	S3G (V3B?)	Fp-Am-Bo-Ep	nil	nil		<5	45	119	65.69	0.72	15.12	4.85	0.10	1.24	1.14	4.23	2.60	0.22	0.86	99.94	617	190	537	165	18	<4	<1	0	<1	99	0.38
88262	M-12-10		SED+V3B	S3G (V3B?)	Fp-Am-Bo-Ep	nil		M.	<5	32	80	64.80	0.58	15.20	5.45	0.10	2.20	4.64	4.23	1.71	0.17	1.27	100.50	653	190	479	158	16	<4	<1	0	<1	67	0.29
88263	M-12-10		SED	S3G	Fp-Am-Mu-Bo-Hm?	tr Py			<5	27	84	65.48	0.81	15.17	4.90	0.07	1.72	2.29	5.76	2.27	0.25	1.57	100.37	526	113	265	192	18	6	<1	0	<1	65	0.28
88268	M-12-11	-53.68	FELSIC	MS Mu	Mu-Qz	tr Py	(qz)	S ?	<5	5	48	70.75	0.25	15.82	2.21	0.04	1.76	2.50	1.39	2.78	0.05	2.86	100.50	480	227	197	109	5	<4	<1	0	6	8	0.67
88269	M-12-11	-60.98	FELSIC	MS Mu	Mu-Qz-Py	5-7% diss. Py	(qz)	S ?	<5	33	88	65.45	0.22	13.89	8.08	0.01	0.56	1.06	0.89	3.66	-0.03	6.31	100.19	327	199	80	93	3	5	11	0	18	<4	0.80
88270	M-12-11	-76.79	BASALT	ALT (V3B?)	Fp-Am-Ep-Bo-Mu	tr-1% Py	(Qz)(Ep)	M.	<5	42	68	63.48	0.65	15.28	5.63	0.11	2.85	4.82	4.23	1.23	0.30	1.46	100.19	686	194	635	134	16	<4	<1	0	<1	71	0.23
88272	I-8-5	-4.06	SED	S3G	Fp-Bo-Mv	nil	(ep)	W	<5	52	87	59.99	0.61	15.99	5.86	0.11	4.28	4.95	5.12	1.01	0.34	1.82	100.54	1826	195	2626	224	17	<4	<1	0	2	72	0.16
88273	I-8-5	-17.63	SED	S3G	Fp-Bo-Mv	nil	(ep)	W	<5	34	61	66.01	0.38	15.16	3.34	0.06	2.13	4.70	3.08	2.60	0.17	1.76	99.55	732	243	724	126	8	<4	2	0	2	58	0.46
88274	I-8-5	-31.49	SED+V3B	S3G(V3B?)	Fp-Bo-Mv	tr. Py	(ep)	W	<5	28	56	60.00	0.57	15.42	6.71	0.10	4.31	5.77	3.99	1.60	0.23	1.53	100.48	878	329	1074	127	12	8	<1	0	<1	84	0.29
88275	I-8-5	-41.46	SED	S3G	Fp-Ep-Am-	nil		M.	<5	19	23	63.19	0.42	15.80	4.04	0.06	2.75	3.71	6.88	1.88	0.16	1.10	100.19	980	176	825	123	8	<4	3	0	<1	67	0.21
88276	I-8-5	-44.67	SED	S3G, S7	Bo	tr. Py	nil		12	29	65	66.30	0.48	16.87	3.93	0.07	2.47	4.21	0.61	3.28	0.18	2.22	100.76	803	254	414	134	8	<4	80	1	3	53	0.84
88277	I-8-5	-55.1	SED+V3B	S7	Fp-Am-Bo-Mu	nil	(Qz-Fp-Bo)		<5	50	77	63.76	0.57	17.48	4.67	0.07	1.76	3.77	4.37	2.41	0.22	1.08	100.40	1139	262	1073	174	12	<4	2	0	2	87	0.36
88293	I-8-6	-102.3	SED+V3B	S3	Am-fp-qz-ep	nil		W	<5	42	60	62.96	0.55	16.32	5.17	0.08	2.73	3.01	4.59	2.93	0.23	1.76	100.58	1179	290	1081	162	10	3	78	<1	0	<4	0.39
88294	I-8-6	-146.2	SED+V3B	S3	qz-fp-bo-mu	nil		W	<5	35	86	68.07	0.47	16.34	4.19	0.07	2.09	3.21	3.04	2.17	0.15	0.98	100.91	497	242	519	133	9	3	80	<1	0	6	0.42
88295	I-8-6	-155.7	SED+V3B	S3	qz-fp-Am	nil		W	<5	56	93	62.37	0.56	16.91	5.01	0.08	3.04	4.23	4.56	2.30	0.29	0.84	100.59	1667	236	2028	244	16	3	86	<1	0	<4	0.34
88297	I-8-6	-169.9	SED+V3B	S3	fp-qz-Am	nil		M.	<5	34	52	63.66	0.45	16.33	3.97	0.06	2.65	2.66	5.60	3.06	0.24	1.69	100.50	643	192	600	146	9	2	57	<1	0	<4	0.35
88298	I-8-6	-183.3	LOW Zr	S3	qz-fp-Bo	nil		W-M	<5	75	57	57.28	0.73	16.50	7.68	0.11	4.65	6.36	3.51	1.85	0.31	1.44	100.64	837	295	1108	122	13	2	135	<1	0	<4	0.35
88299	I-8-6	-196.2	SED+V3B	S3	fp-bo-qz	tr py		W-M	12	49	66	66.90	0.49	17.11	4.19	0.07	2.37	3.37	2.15	2.17	0.23	1.13												

Table 2 :

**WHITE RIVER PROPERTY**  
**1998 Lithochemical sampling**  
**Description and results**

#	Hole	Depth	Code	Rock type	Mineralogy	Mineralization	Veins	Def.	Au	Cu	Zn	SiO2	TiO2	Al2O3	Fe2O3	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Total	Ba	Cr	Sr	Zr	Y	Sn	As	Sb	Mo	V	Kl
									ppb	pp	pp	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	p	p	pp	p	p	ppm	
88328	I-8-14	-498.5	SED+V3B	S3	qz-fp-mu-bo	nil		M.	105	35	65	68.67	0.39	14.71	3.56	0.06	2.50	4.61	1.14	2.57	0.18	2.20	100.72	495	240	624	133	8	3	51	15	1	<4	0.69
88329	I-8-14	-509.4	SED+V3B	S3	fp-bo-mu	nil		M.	<5	46	85	65.99	0.57	16.60	5.23	0.07	1.20	2.09	5.03	2.11	0.19	1.11	100.34	583	311	589	149	13	3	81	<1	0	<4	0.30
88330	I-8-14	-518.8	SED+V3B	S3	qz-fp-bo-gt	nil		M.	<5	65	82	60.04	0.96	18.77	7.61	0.15	1.95	2.93	3.79	2.20	0.11	1.88	100.54	412	193	910	149	16	2	188	64	0	<4	0.37
88331	I-8-14	-530.7	SED+V3B	S3?	qz-fp-mu-bo	nil		M.	<5	41	93	65.55	0.53	16.78	3.63	0.06	1.68	2.61	3.98	2.29	0.19	1.98	99.43	744	196	644	181	14	2	57	73	1	<4	0.37
88333	I-8-14	-555.1	LOW Zr	S3	qz-fp-bo-ep	nil		M.	<5	70	106	59.52	0.74	15.61	8.73	0.12	5.59	2.51	2.64	2.54	0.15	1.73	100.04	513	797	293	106	14	2	186	<1	0	<4	0.49
88335	I-8-14		LOW Zr	S3	fp-bo-qz	nil		M.	<5	36	41	58.74	0.75	15.78	8.79	0.13	6.34	3.99	3.56	1.16	0.14	0.73	100.21	246	657	244	96	14	4	148	<1	0	<4	0.25
88336	H-8-1	-725.4	SED+V3B	ALT (S3G)	Fp-Am-Bo-Mu-Gr?	1-2% diss. Py	(qz)	M.	181	43	67	65.70	0.45	14.56	3.72	0.06	2.54	4.50	2.48	3.25	0.21	2.23	99.84	618	242	530	130	10	3	61	9	0	<4	0.57
88337	H-8-1	-751.3	SED+V3B	ALT	Fp-Bo-CalcSilic.-Am	tr py	(qz)	M.	10	75	79	58.78	0.54	14.56	7.97	0.14	4.31	7.25	1.32	2.17	0.21	2.96	100.37	683	289	453	146	16	2	50	3	1	9	0.62
88338	H-8-1	-761.5	SED+V3B	ALT SIAB	Fp-Qz-(Bo)	1-2% diss Py	(qz)	W	<5	30	55	68.37	0.42	15.16	2.63	0.02	0.62	3.80	4.63	2.90	0.14	1.39	100.27	1122	198	716	124	10	2	30	6	2	<4	0.39
88339	H-8-1	-782.7	SED+V3B	ALT SIAB(Mu)	Fp-Qz-(mu)	1-2% diss. Py		W-M	<5	28	33	67.54	0.38	13.78	2.43	0.01	0.50	7.05	1.88	2.85	0.10	3.24	99.97	1123	197	636	125	8	4	22	20	1	<4	0.60
88340	H-8-1	-789.6	SED+V3B	S3G (ALT)	Fp-Qz-Mu-	1-2% diss. Py	(cc)	qeak	11	33	67	70.41	0.48	14.04	3.58	0.02	1.14	1.63	3.75	2.05	0.14	2.45	99.84	851	244	438	140	11	3	18	36	0	<4	0.35
88341	H-8-1	-811	LOW Zr	ALT (BOGREP)	Bo-Fp-Am-Gr-Ep	tr Py		M.	<5	87	77	61.03	0.67	15.95	7.82	0.09	5.88	2.68	2.40	1.94	0.10	2.08	100.76	380	609	211	95	12	3	165	<1	0	8	0.45
88342	J-8-2	-5.2	SED+V3B	V3B	Amp-Fp-Bo	nil	(QzEp)	W	6	56	93	64.72	0.60	16.78	4.40	0.07	1.60	2.99	4.78	2.66	0.30	0.89	100.01	1327	184	898	262	19	3	84	2	0	<4	0.36
88343	J-8-2	-23.65	SED+V3B	ALT	Fp-Qz-Qmph-(Bo)	1-2% Py		M.	<5	26	26	64.93	0.45	15.06	3.41	0.09	1.77	4.42	5.75	2.84	0.19	0.99	100.22	1555	157	1352	185	11	2	24	5	1	<4	0.33
88345	J-8-2	-37.23	SED+V3B	S3G	Fp-Bo-Mu	tr		M.	<5	43	53	66.89	0.58	16.65	4.03	0.05	1.84	1.72	3.13	2.67	0.19	1.76	99.68	770	250	749	180	13	3	54	53	0	<4	0.46
88346	J-8-2	-41.11	SED+V3B	ALT SIAB	Fp-Qz-Mu	2% diss. Py		M.	<5	42	97	65.15	0.63	16.66	4.41	0.02	0.98	3.15	3.42	2.54	0.19	3.22	100.56	941	224	653	180	11	3	23	44	0	<4	0.43
88347	J-8-2	-50.81	SED+V3B	S3G	Fp-Bo-Mv-Ep	nil	nil	M.	<5	43	64	66.98	0.68	16.57	4.72	0.06	1.96	1.82	2.45	2.56	0.16	1.82	99.92	542	297	610	172	13	3	69	1	0	<4	0.51
88348	J-8-2	-61.1	LOW Zr	S3G	Fp-Bo-Am-Ep	nil	nil	M.	<5	51	92	63.08	0.70	15.10	7.10	0.10	4.04	2.22	3.58	2.83	0.14	1.22	100.25	526	562	610	114	12	3	156	<1	0	<4	0.44
88349	J-8-2	-73.63	SED+V3B	ALT	Bo-Am-Gr	nil	(qz)	M.	<5	48	36	63.48	0.63	15.91	9.21	0.12	2.63	2.66	2.16	1.97	0.13	0.85	99.85	410	325	285	128	12	4	116	8	0	<4	0.48
88350	J-8-2	-85.52	LOW Zr	ALT	Bo-Fp-Am-Ep	tr Py		M.	<5	52	78	61.87	0.67	15.85	7.05	0.07	5.94	2.89	2.64	1.16	0.11	2.17	100.52	265	551	215	103	12	4	156	<1	0	<4	0.31
88453	N-13-7A	-20.47	SED	S3G (V3B)	Fp-Am-(Bo)	nil	(Qz)	w+L	<5	23	65	65.29	0.56	15.38	5.26	0.07	2.73	6.14	1.74	1.92	0.17	1.03	100.43	547	185	623	170	17	<4	<1	0	2	70	0.52
88454	N-13-7A	-32.21	SED	S3G (V3B)	Fp-Am-Gr-Bo	Nilkl	(Qz-Am)	M.	<5	70	92	65.39	0.56	15.38	5.27	0.07	2.26	4.05	3.76	1.98	0.18	1.02	100.02	338	212	398	168	15	<4	<1	0	3	82	0.34
88456	N-13-7A	-48.25	SED	S3G	Fp-Am-Ep	nil	nil	M.	<5	18	67	66.04	0.57	15.27	5.27	0.07	2.55	5.05	2.11	2.10	0.17	0.93	100.21	409	228	295	167	18	<4	<1	0	2	89	0.50
88457	N-13-7A	-62.98	SED	S3G	Am-Fp-(Bo)	nil	nil	M.	<5	87	77	63.91	0.47	16.52	4.61	0.05	3.03	4.01	3.62	2.70	0.13	1.05	100.27	877	233	601	134	10	<4	<1	0	2	91	0.43
88458	N-13-7A	-78.98	SED	S3G (V3B)	Am-Fp	nil	Qz-Ab	W	<5	44	73	61.15	0.64	16.15	6.01	0.10	3.41	5.04	4.42	1.83	0.19	1.08	100.20	594	198	902	149	13	<4	<1	0	<1	0.29	
88460	N-13-7A	-114.8	SED	ALT (S3G?)	Fp-Am-Bo	nil	nil	M.-S	<5	33	99	64.04	0.81	16.54	4.46	0.09	1.72	5.39	3.56	2.08	0.25	1.12	100.14	438	124	493	191	19	<4	<1	0	2	78	0.37
88464	N-13-7A	-149.8	SED	S3G	Fp-Am-(Bo)	nil	Ep	M.	<5	34	63	63.15	0.58	14.88	5.13	0.10	2.97	5.84	3.28	2.71	0.21	0.95	99.97	559	213	971	142	13	<4	<1	0	8	65	0.45
88465	N-13-7A	-161.1	SED	S3G	Fp-Am-Bo	nil	Ep	W-M	<5	15	74	59.22	0.66	16.63	6.73	0.13	3.06	5.06	5.02	2.24	0.42	0.84	100.30	1303	85	1468	188	19	6	<1	0	<1	83	0.31
88470	N-13-7B	-22.48	SED	S3G	Fp-Am-Bo	nil	(ep)	W	<5	5	103	67.79	0.54	15.27	4.97	0.06	2.08	4.32	2.27	1.95	0.18	0.59	100.12	461	284	374	167	17	<4	<1	0	<1	82	0.46
88472	N-13-7B	-43.45	SED	S3G	Fp-Am-Bo	nil	(Ep)	W-M	<5	18	46	66.17	0.54	15.12	5.10	0.06	2.57	4.70	3.68	1.93	0.18	0.69	100.84	488	242	288	165	17	5	<1	0	7	61	0.34
88473	N-13-7B	-54.63	SED	S3G	Fp-Am-Bo-Gr	nil	nil	M.	<5	36	46	63.02	0.48	15.31	5.50	0.09	3.58	5.69	4.15	2.00	0.21	0.73	100.90	626	243	732	134	11	5	<1	0	2	52	0.33
88474	N-13-7B	-72.34	SED	S3G?	Fp-Am-Bo-Ep	tr Py	nil	W	<5	30	73	63.13	0.50	15.14	5.19	0.08	3.04	5.18	4.14	2.07	0.23	1.39	100.28	806	226	1058	165	12	<4	<1	0	2	59	0.33
88475	N-13-7B	-86.32	SED	S3G ?	Fp-Am-Bo	tr Py	(QzFp)	M.	<5	59	60	57.11	0.73	14.87	8.01	0.14	4.62	7.06	3.94	1.54	0.42	0.94	99.55	768	269	655	142	17	<4	<1	0	2	87	0.28
88478	N-13-7B	-126.4	SED	S3G ?	Fp-Bo-Am	nil	QzBo	M.	<5	52	118	64.88	0.62	15.53	5.61	0.10	2.65	4.89	2.32	2.24	0.25	0.93	100.20	605	272	860	150	14	<4	<1	0	14	110	0.49
88481	N-13-7	-142.4	SED	S3	qz-fp-bo-ep	nil		W	6	18	84	63.52	0.80	17.09	4.30	0.08	1.62	5.38	3.80	2.36	0.27	1.14	100.48	584	165	543	191	19	6	66	<1	0	<4	0.38
88483	N-13-7	-164.4	FELSIC	S3	fp-mu-bo	tr py		M.	<5	8	29	69.87	0.24	16.45	2.05	0.03																		

Table 2 :

**WHITE RIVER PROPERTY**  
**1998 Lithochemical sampling**  
**Description and results**

#	Hole	Depth	Code	Rock type	Mineralogy	Mineralization	Veins	Def.	Au	Cu	Zn	SiO2	TiO2	Al2O3	Fe2O3	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Total	Ba	Cr	Sr	Zr	Y	Sn	As	Sb	Mo	V	Cl
									ppb	pp	pp	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	p	p	pp	p	p	ppm	
88280	I-8-5	-83.93	BASALT	ALT Bo	Fp-Bo (Gr?) Mu	Py 1-2%	nil	M.	<5	62	42	66.67	0.62	17.75	4.35	0.04	1.92	1.43	2.52	2.85	0.18	1.82	100.32	687	225	646	174	12	<4	38	0	3	55	0.53
88281	I-8-5	-97.54	BASALT	ALT Bo	Fp-Bo (Gr?) Mu	nil	nil	M.	<5	48	73	65.73	0.72	17.70	5.15	0.06	2.29	1.87	2.16	2.52	0.19	1.91	100.45	504	240	712	171	12	<4	1	0	3	87	0.54
88282	I-8-5	-108.9	LOW Zr ? (mafic)	Bo-Gr-Fp-Ep	nil	nil	nil	M.	<5	73	80	59.52	0.74	17.35	8.24	0.14	4.77	3.55	2.91	1.74	0.13	1.24	100.44	249	573	303	108	14	<4	<1	0	2	174	0.37
88283	I-8-6	-19.32	SED+V3B	S3G	Fp-Am-Bo	tr py	nil	W	<5	54	89	65.69	0.50	15.97	4.11	0.05	2.39	2.70	4.70	2.92	0.23	0.84	100.30	1112	242	619	154	11	<4	2	0	2	81	0.38
88285	I-8-6	-34.5	SED+V3B	S3G	Fp-Am-Bo	nil	(qz)	W	<5	25	72	61.45	0.63	15.26	6.35	0.10	4.30	4.01	5.50	1.86	0.24	0.78	100.64	633	275	581	141	16	<4	<1	0	<1	89	0.25
88286	I-8-6	-54.79	SED+V3B	S3G	nil	nil	(ep)	W	<5	29	48	66.52	0.39	15.51	3.64	0.05	2.35	3.34	5.39	2.10	0.17	0.64	100.26	626	173	984	144	8	<4	2	0	<1	48	0.28
88287	I-8-6	-62.81	SED+V3B	S3G	nil	nil	(ep)	W	<5	41	93	65.05	0.51	15.84	4.83	0.07	2.43	3.02	4.25	2.33	0.18	1.73	100.39	772	230	466	131	12	<4	2	0	<1	81	0.35
88288	I-8-6	-73.4	SED+V3B	S3G	nil	nil	nil	W	<5	31	54	64.21	0.43	16.42	4.05	0.06	2.75	3.52	4.91	2.61	0.18	0.69	100.02	948	208	783	141	9	<4	<1	0	2	58	0.35
88289	I-8-6	-79.46	SED+V3B	S3G ALT	Si-Ep	nil	ep+	W	<5	16	56	62.47	0.46	16.80	4.01	0.06	2.25	4.08	4.99	3.06	0.23	1.78	100.40	889	162	1004	155	8	<4	<1	0	<1	36	0.38
88290	I-8-6	-84.49	SED+V3B	S3G	Fp-Am-Bo	nil	nil	W	<5	43	65	66.56	0.39	16.14	3.64	0.06	2.50	4.13	4.06	2.11	0.20	0.74	100.74	654	226	1262	147	8	<4	1	0	<1	65	0.34
88292	I-8-6	-92.22	BASALT	S3G	Fp-Am-Bo	nil	nil	W	<5	99	53	48.46	0.92	12.69	11.78	0.18	9.41	10.08	2.22	2.18	0.32	1.28	99.73	526	617	816	76	16	6	1	1	<1	123	0.50
88342	J-8-2	-5.2	SED+V3B	S3G	Amp-Fp-Bo	nil	(QzEp)	W	6	56	93	64.72	0.60	16.78	4.40	0.07	1.80	2.99	4.78	2.66	0.30	0.89	100.01	1327	184	898	262	19	3	84	2	0	<4	0.36
<b>BASALT</b>																																		
88014	J-8-3		BASALT	V3B					<5	81	135	51.26	1.38	14.52	14.20	0.23	5.69	7.65	3.60	0.35	0.13	1.08	100.15	130	228	142	64	25	8	<1	0	<1	125	0.09
88015	J-8-3		BASALT	V3B	Am-Bo-Fp				<5	127	57	48.51	1.29	14.93	14.83	0.21	6.61	7.58	3.19	1.01	0.09	1.04	99.35	154	230	157	54	21	7	<1	0	<1	129	0.24
88016	J-8-3		BASALT	V3B ? ALT	Am-Fp	nil	(qz)		<5	121	56	50.73	1.45	15.38	14.04	0.29	4.16	8.92	3.19	1.05	0.11	0.98	99.76	294	262	142	68	25	<4	<1	0	11	155	0.12
88018	J-8-3		BASALT	V3B ALT	Am-Bo-Fp	nil			<5	136	71	47.44	1.11	14.42	14.91	0.22	6.61	7.79	2.43	2.25	0.09	0.84	98.18	470	79	149	67	20	7	<1	0	<1	167	0.48
88019	J-8-3		BASALT	V3B ? ALT	Am-Fp	nil	(qz)		<5	170	30	52.72	0.92	13.97	11.87	0.20	6.88	9.93	2.87	0.15	0.06	0.60	100.22	33	177	107	53	18	10	<1	0	<1	68	0.05
88021	J-8-3		BASALT	ALT (V3B)	Calc-silicate	Py in Cal-Sil band	Calc-Sill		<5	194	38	50.21	0.82	14.21	11.47	0.29	5.36	11.93	3.38	1.04	0.08	1.39	100.27	213	167	417	52	22	<4	1	0	2	107	0.24
88251	M-11-2	-8.92	BASALT	V3B ?	Amp-Fp-Bo-Mv-Ep	nil	nil		<5	15	58	46.92	1.09	11.63	12.48	0.16	11.51	8.85	2.34	0.99	0.25	0.73	100.11	307	860	582	86	18	7	<1	0	<1	73	0.30
88260	M-11-2	-109.6	BASALT	V3B	Amp-Fp	3% Qz	S		<5	120	33	50.15	1.08	13.95	14.21	0.26	5.94	11.37	1.98	0.47	0.11	0.64	100.19	90	169	126	58	19	5	<1	0	<1	92	0.19
88265	M-12-10		BASALT	V3B	Amp-Fp-Bo	1% vqz	S		<5	130	36	50.52	1.10	14.06	13.81	0.27	5.88	11.18	2.11	0.50	0.10	0.79	100.37	63	140	116	58	19	6	<1	0	2	104	0.19
88267	M-12-11	-30.87	BASALT	V3B	Am-Bo-Fp	nil	(qz)	M.	<5	177	44	55.38	1.01	16.12	11.54	0.23	3.36	8.92	2.25	0.46	0.10	0.84	100.29	201	417	155	59	18	4	<1	0	2	180	0.17
88271	M-12-11	-80.14	BASALT	V3B	Amp-Bo	5% vEp-Qz	S		<5	153	42	49.01	1.06	13.72	14.34	0.28	6.21	10.84	2.28	0.83	0.10	1.18	99.92	172	199	256	59	19	5	<1	0	<1	115	0.27
88451	N-13-7A	-3.45	BASALT	V3B (Alt)	Am-Bo-Fp	nil	Qz-Fp	S	<5	116	92	48.59	1.86	13.39	17.60	0.23	5.22	8.40	2.43	1.17	0.17	0.73	99.88	576	119	216	88	27	15	<1	0	3	222	0.33
88461	N-13-7A	-129.8	BASALT	S3G	Fp-Bo-Am	nil	nil	W	<5	168	128	52.80	1.48	17.88	12.12	0.24	2.92	6.62	2.41	2.32	0.11	1.08	100.09	393	291	251	91	25	<4	<1	0	2	343	0.49
88467	N-13-7A	-176	BASALT	V3B (Alt)	Am-(Bo)-(Fp)	nil	1-2% Fp	S	<5	110	36	49.30	1.08	13.89	14.48	0.28	6.25	10.64	2.41	0.61	0.08	0.73	99.79	97	150	135	58	19	6	<1	0	<1	112	0.20
88469	N-13-7B	-4.54	BASALT	V3B	Am-Bo-Fp	nil	nil	M.	<5	149	86	49.27	1.76	12.74	18.70	0.23	6.20	7.40	2.90	0.70	0.18	0.45	100.58	187	126	171	76	27	7	<1	0	2	217	0.19
88476	N-13-7B	-107.5	BASALT	V3B	Fp Am-Bo	nil	(QzFp)	M.	<5	149	62	58.71	1.20	17.02	9.33	0.16	2.12	6.70	3.37	1.14	0.09	0.49	100.40	255	323	200	82	19	4	<1	0	4	228	0.25
88479	N-13-7B	-142.5	BASALT	V3B	Am-Bo-Fp	nil	1-2% QzFp	W-M	<5	135	38	49.56	1.01	14.06	14.21	0.22	6.70	10.43	2.45	0.83	0.14	0.64	100.30	123	156	224	60	18	9	<1	0	2	107	0.25
88480	N-13-7B	-149.2	BASALT	V3B	Am-Fp-Bo	nil	(Qz)(Ep)	M.	<5	158	38	49.41	1.02	13.53	14.48	0.22	7.03	9.76	2.62	0.84	0.10	1.08	100.14	161	130	179	59	19	9	<1	0	2	105	0.24
88482	N-13-7	-159.5	BASALT	V3B	qz-fp-Am-bo	nil	nil	W	7	142	90	55.67	1.48	14.96	14.02	0.25	2.30	6.84	2.92	0.56	0.14	0.64	99.84	181	182	124	97	34	3	282	<1	0	5	0.16
88493	N-13-4	-82.13	BASALT	V3B	Am-Bo	tr Py	10% FpQz	S	<5	186	32	49.38	0.84	15.18	11.97	0.23	6.73	12.14	2.69	0.45	0.07	0.78	100.50	50	327	128	46	15	2	88	<1	0	6	1.4
88494	N-13-4	-103.8	BASALT	V3B	Am-Fp-(Bo)	nil	1% Fp (Ep)	M.-S	<5	78	44	48.13	0.77	14.27	12.43	0.22	6.86	12.56	2.36	0.62	0.07	0.84	99.18	38	292	151	45	15	2	83	<1	0	<4	0.21
88500	M-11-2	-8.92	BASALT	V3B?	Am-Bo-Fp	nil	(qz)	M.	<5	28	79	47.42	1.08	12.12	13.04	0.18	12.77	7.71	2.05	2.20	0.26	1.56	100.58	383	870	573	86	18	5	<1	0	2	79	0.52
88255	M-11-2	-74.51	SED+V3B	S3G (V3B?)	Fp-Am-Bo	nil	nil	M.	<5	133	27	61.53	0.94	19.45	4.33	0.08	1.65	8.14	3.02	0.53	0.05	0.54	100.35	390	444	124	52	10	<4	<1	0	2	194	0.15
88296	I-8-6	-163.8	BASALT	V3B	Am-bo	nil	nil	W	<5	123	79	49.62	0.90	14.38</																				

Table 2 :

**WHITE RIVER PROPERTY**  
**1998 Lithochemical sampling**  
**Description and results**

#	Hole	Depth	Code	Rock type	Mineralogy	Mineralization	Veins	Def.	Au	Cu	Zn	SiO2	TiO2	Al2O3	Fe2O3	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Total	Ba	Cr	Sr	Zr	Y	Sn	As	Sb	Mo	V	KI
									ppb	pp	pp	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	p	p	pp	p	p	ppm	
88334	I-8-14	-561.5	SED+V3B	I2g	qz-fp-bo	1% py		W	<5	18	73	67.09	0.47	16.77	3.36	0.05	1.18	3.23	6.29	0.87	0.26	0.89	100.77	1444	181	1357	251	11	<1	42	<1	0	<4	0.12
88344	J-8-2	-29.73	FP	Felsic FP?	Fp-Qz	1% Py		M.	<5	21	43	63.66	0.41	14.57	2.58	0.05	1.19	6.29	3.93	3.67	0.13	3.27	100.00	1169	185	1156	128	8	3	25	29	1	<4	0.48
88455	N-13-7A	-41.63	FP	I1 (FP)	Fp-Am-(Bo)	nil	nil	W	<5	9	68	67.02	0.40	15.36	3.52	0.06	1.74	3.14	5.21	2.39	0.15	0.69	99.91	970	167	1164	155	5	<4	<1	0	2	45	0.31
88459	N-13-7A	-96.33	SED	S7 ? (ALT SIAB?)	Qz-Fp (Mu-Bo)	nil	Ab	?	<5	19	90	73.61	0.09	13.69	1.11	0.03	1.05	1.94	4.10	2.85	-0.03	1.23	99.82	658	199	346	66	11	<4	<1	0	27	8	0.41
88462	N-13-7A	-144.7	FELSIC	I1-V1 ? (Porph)	Fp-Mu-Qz	2% diss. Py	Qz-Ep	M.	<5	7	117	71.87	0.22	14.84	3.62	-0.01	0.58	0.90	0.57	3.08	-0.03	4.81	100.59	523	241	169	99	3	<4	3	0	4	5	0.84
88463	N-13-7A	-142.6	FELSIC	V1-I1 ?	Qz-Mu-(Bo)	2% diss. Py	Qz	M.	<5	15	51	70.06	0.25	17.12	1.79	0.02	0.54	2.36	3.67	2.29	0.05	1.96	100.23	611	157	613	118	2	<4	<1	0	2	<4	0.38
88466	N-13-7A	-168.6	FELSIC	I2 (Porph)	Fp-Am	nil	(Ep)	W	<5	21	51	71.60	0.21	15.24	1.77	0.02	0.68	2.24	4.71	2.81	0.05	0.54	100.08	887	162	1058	124	3	<4	<1	0	<1	28	0.37
88468	N-13-7A	-190.9	PUSKASWA	Puskaswa?	nil	nil	nil	M.	<5	5	54	70.67	0.32	15.56	2.21	0.03	0.59	2.41	5.61	2.23	0.07	0.40	100.26	798	163	772	134	5	<4	<1	0	<1	26	0.28
88471	N-13-7B	-33.16	FP	I2 (FP)	Fp-Am-(Bo-Qz)	nil	QzAmph	W	<5	35	61	66.37	0.39	16.07	3.55	0.05	1.75	3.37	5.33	2.57	0.19	0.40	100.29	1099	190	1180	157	5	<4	<1	0	2	38	0.33
88477	N-13-7B	-119.8	FELSIC	QP Mu	Qz-Fp-Mu (Bo)	1-3% diss. Py	nil	M.-S	8	31	108	71.80	0.24	16.19	3.24	-0.01	0.52	0.76	1.11	3.16	0.05	3.53	100.71	687	272	264	108	2	<4	3	0	5	<4	0.74
88484	N-13-7	-171.5	FELSIC	v1-v2?	fp-mu-qz	tr py		W-M	6	7	49	72.32	0.21	15.44	2.38	0.05	1.27	1.69	1.36	3.34	0.05	2.36	100.55	432	264	92	91	6	5	6	<1	0	<4	0.71
88491	N-13-4	-55.61	FELSIC	ALT Mu	Fp-Mu-Bo	1-2% diss. Py	nil	S	12	10	34	72.32	0.23	15.68	1.90	0.03	1.39	2.86	1.67	2.32	0.06	1.96	100.51	372	196	290	117	5	3	12	<1	0	<4	0.58
88492	N-13-4	-63.94	FELSIC	ALT (felsic rock)	Qz-Fp (Mu-Bo)	1% diss. Py	nil	W-M	7	25	198	69.21	0.22	16.68	2.27	0.02	0.42	3.81	3.80	2.58	0.08	0.89	100.13	601	173	839	119	1	7	17	3	0	<4	0.40
88497	N-13-7	-52.76	FP	I2	fp-qz-bo-ep	tr py		W	<5	34	54	65.97	0.40	16.11	3.64	0.05	1.81	3.55	5.36	2.59	0.18	0.69	100.59	1083	177	1152	153	5	2	37	<1	0	<4	0.33
Def.: Deformation:																																		
		S : Strong																																
		M : Moderate																																
		W : Weak																																
KI = Potassic index = K2O / K2O + Na2O																																		

The rocks samples for litho geochemistry included :

- gneissic rocks of the Pukaskwa complex located to the south of the property
- the Cedar Lake Pluton located to the north of the property
- property basalts
- property sediments (including greywackes and siltstones)
- felsic porphyritic rocks (including muscovite schists) that have been divided into QP and FP

## B. Results

This section discusses the litho geochemical results obtained in the recent survey. The results appear in table 2 and a more detailed description of the samples with the laboratory certificate analyses are annexed (annexes II and III). The geological legend used appears in annex IV and locations of the holes sampled are on the compilation plan in the map pocket.

The  $TiO_2$  vs  $Al_2O_3$  diagram used by CAMIRO (fig. 71, volume 4), helps to determine the nature of the rock samples. The various lithological fields encountered on the Hemlo property are:

- High-Ti mafic fragmental rocks;
- Metasedimentary rocks;
- Quartz eye and feldspar phytic felsic rocks (e.g. Moose Lake Porphyry).

On the property, the majority of samples collected lie within the basalt and sediment fields (Figure 4) with calc-alkaline and tholeiitic litho geochemical affinities (Figure 5). It is difficult however, to categorize most of the samples in these fields and their heterogeneous composition complicates the quantification of the alteration based on the geochemistry. The basalts and sediments have a similar chemical composition for the immobile elements, ( $Al_2O_3$ ,  $TiO_2$ , Cr, Zr).

The diagram  $TiO_2$  vs Zr (Figure 6) does allow the distinction to be made between sedimentary rocks and basalts, which are lower in Zr. Several rocks initially identified as basalt fall in the sedimentary field according to this diagram (Table 2, sediment (basalt)). These mafic rocks originate principally from the Gouda Lake area.

The felsic rocks from the Gouda Lake and Thor Lake areas are particularly interesting because their chemical composition is comparable to that of the Moose Lake Porphyry for elements such as  $TiO_2$ ,  $Al_2O_3$ , and  $SiO_2$ . The  $Fe_2O_3$ ,



WHITE RIVER PROPERTY  
1998 Lithogeochemical sampling

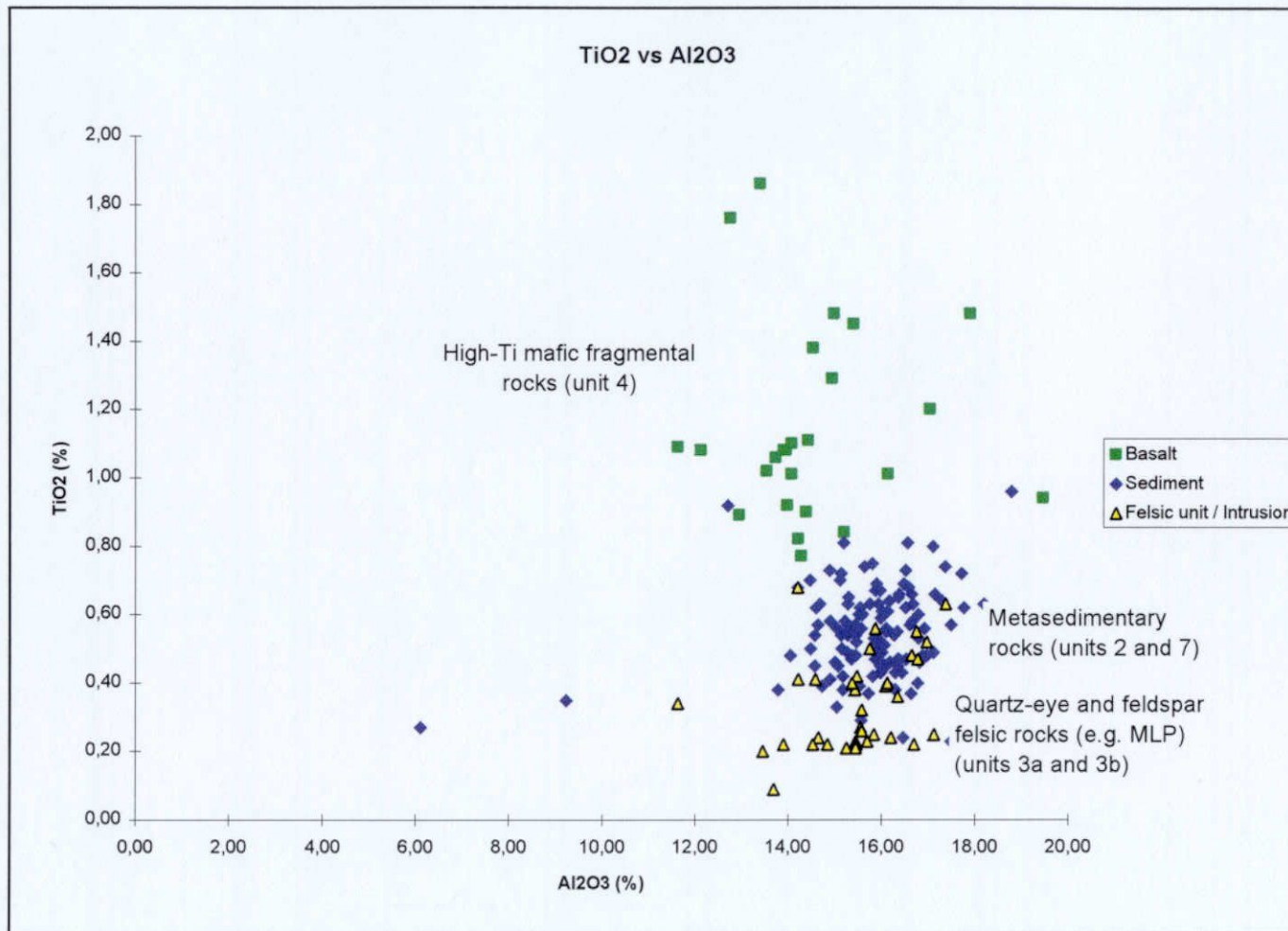


Figure 4 : Compositional fields in comparison to the Hemlo Camp



WHITE RIVER PROPERTY  
1998 Lithochemical sampling

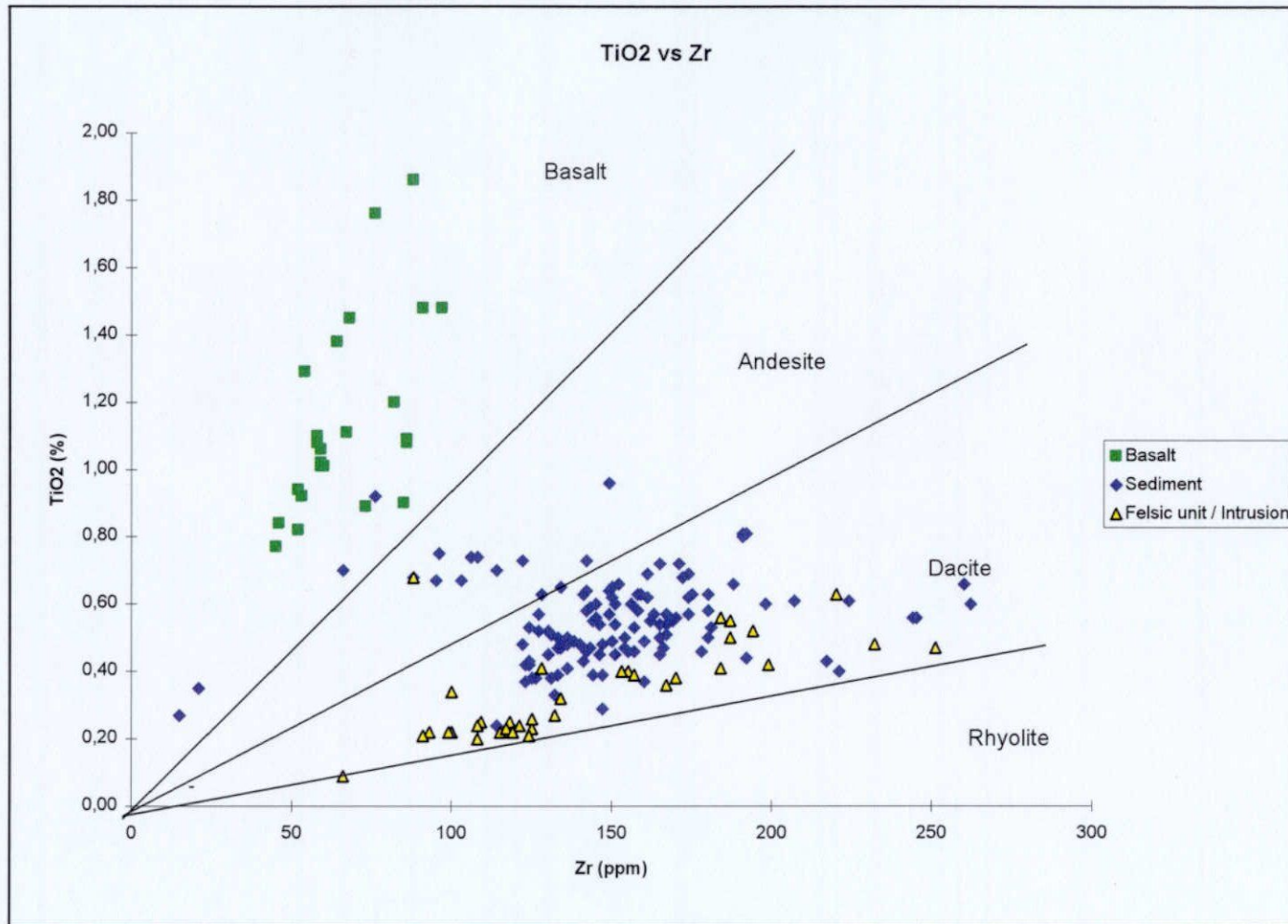


Figure 5 : Compositional fields

WHITE RIVER PROPERTY  
1998 Lithochemical sampling

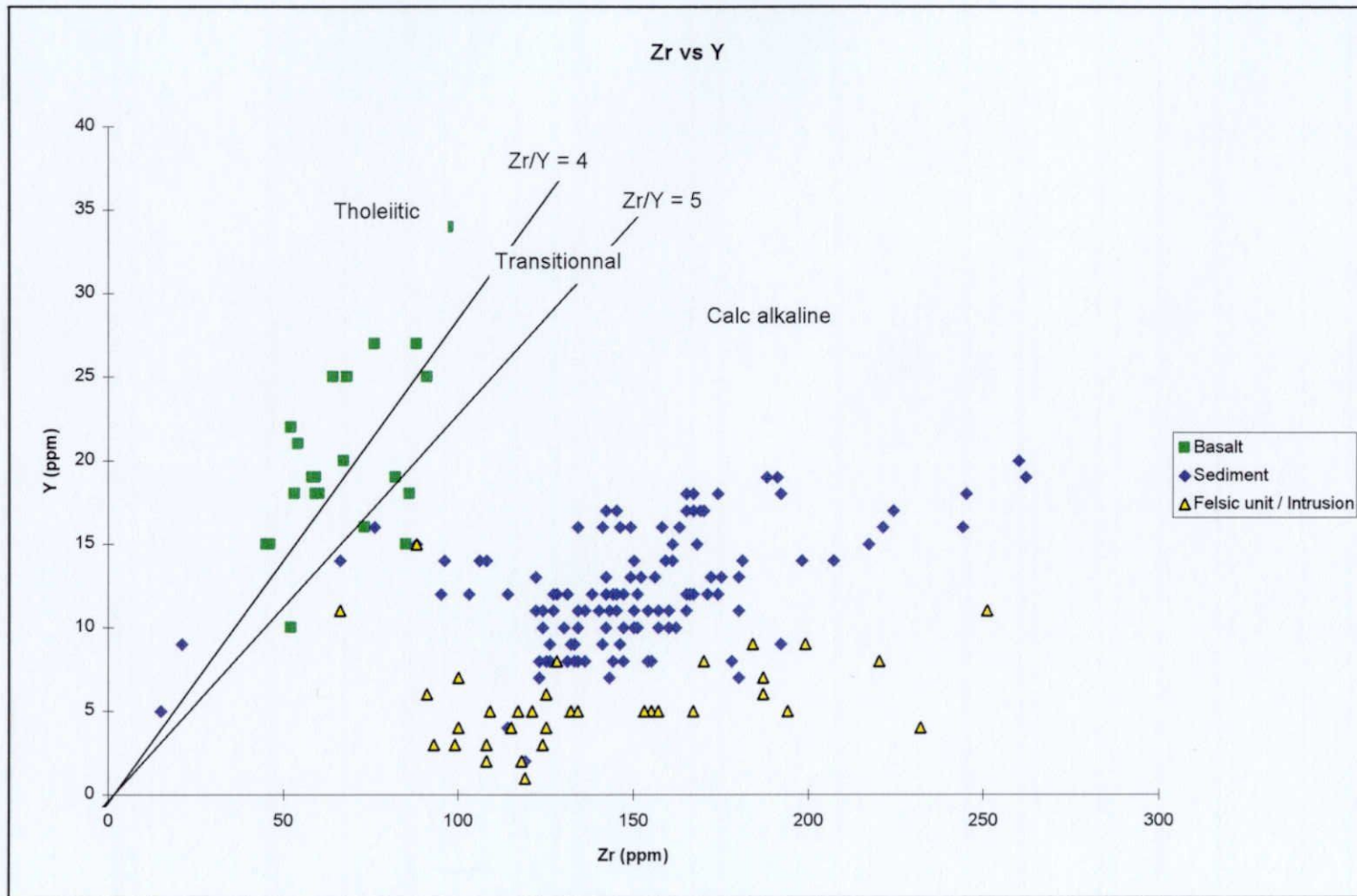


Figure 6 : Lithochemical affinity

Na<sub>2</sub>O and K<sub>2</sub>O are lower, and MgO and CaO are, on average higher, when compared with the composition of the fresh MLP (CAMIRO, sample C-1). These rocks are quartz porphyries and muscovite schists.

In addition, 5 samples considered as MLP rocks, demonstrate a potassium index,  $KI = K_2O/(K_2O+Na_2O)$ , superior to 0.70 (Figure 7).. It is normally 0.40 for an unaltered MLP. This would indicate potassic alteration similar to that encountered at Hemlo.

The sample results for the trace elements in the Gouda Lake sector demonstrate that the mineralization is anomalous in Cu, Au, Ag, Zn, Hg and Sb (Table 3, figure 8). The sample distribution does not allow the recognition of a geometric relationship between the Gouda Lake and Thor Lake sectors, however field observations suggest that the Thor Lake Zone has been uplifted by the DC Fault. Thor Lake does not necessarily represent the extension of the Gouda Lake Zone at depth.

The other felsic rocks that were sampled (Upper Anomalous Zone) do not demonstrate a geochemical affinity with the MLP. Due to the fact that very few gold values were intersected in this area, the Upper Anomalous Zone would not appear to be a favourable site for Hemlo-type mineralization.

The results of the geochemical study demonstrate that the Gouda Lake Horizon is favourable for finding Hemlo-type mineralization. Following are some similarities between Gouda Lake and Hemlo :

- the composition of the felsic rocks at Gouda Lake are comparable to the Moose Lake Porphyry;
- the trace element geochemical signature of Gouda Lake is similar to Hemlo;
- potassic alteration of the felsic rocks (index  $K > 0,70$ ) is similar.

WHITE RIVER PROPERTY  
1998 Lithochemical sampling

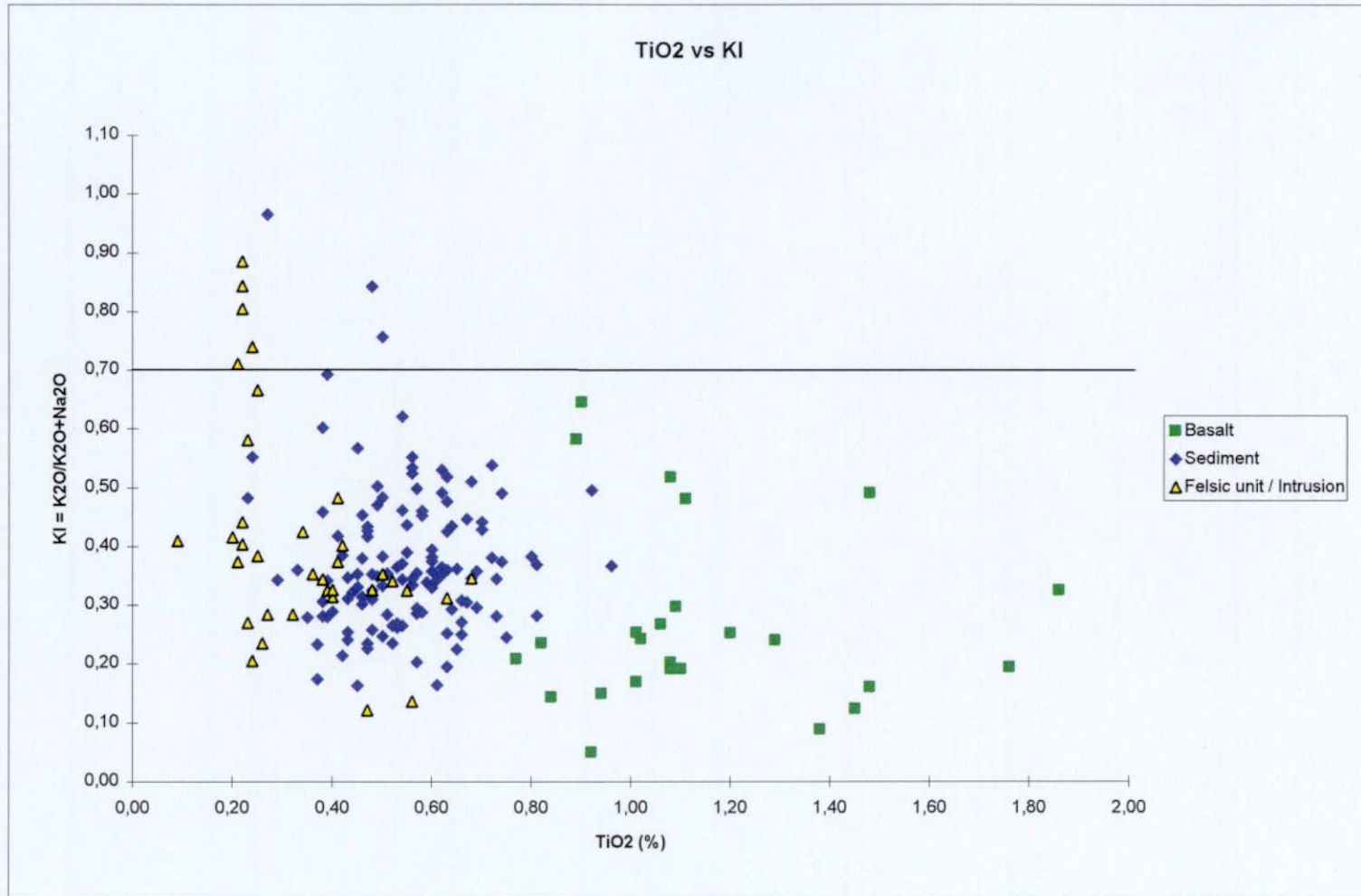


Figure 7 : Potassic alteration

Table 3 :

**WHITE RIVER PROPERTY**  
**1998 Metal analyses**  
**Description and results**

#	Hole	Depth	Rock type	Mineralogy	Mineralization	Veins	Deform.	Notes	Au	Au	Cu	Zn	Zn	Ag	Ag	As	Sb	Mo	V	Hg	Sn
									ppb	g/t	ppm	ppm	%	ppm	g/t	ppm	ppm	ppm	ppm	ppm	ppm
88417	N-13-10	122.6-123.8	?	py-qz-sp	mass. py, 3-5% sp, tr ga		mod	homogeneous interval of massive sulphides	331		168	12454		34,8		49	14	2	0,1	0,8	44
88418	N-13-7A	155,0	V1-V2	qz-mu	12% to mass. py, tr sp		mod	2 populations in interval, 1) well fol'd 1-2% py, 2) mass rextal	141		380	4717		19,8		6	2,1	3	7	0,23	18
88419	N-13-9A	126,0	?	qz-mu vein	2-3% py	qtz-mu	mod	interval is only vein material	1963	2,34	232	6299		46,3		8,8	7,1	4	0,1	0,23	0,1
88420	N-13-9A	126.3-126.5	V1-V2	qz-(mu)	5%-semi-mass. py, 3-4% sp		mod	heterogeneous interval	371		5458	20000	4,6	294	294	21	100	5	5	1,72	36
88421	N-13-9A	127,5	V1-V2	qz-fp-(mu)	5-10% py, 3-4% sp,	ep	mod	homogeneous, less musc	111		99	12865		9,6		25	4	9	5	0,36	6
88422	N-13-9A		?	py-qz-sp	mass. py, 2-3% sp		mod-high	homogen, massive rextallized py	202		161	20000	2,5	7,5		23	4,3	3	0,1	0,8	26
88423	N-13-8A	120,2	V1	qz-fp-(mu)	nil-tr py		mod		6		19	127		0,8		0,1	0,5	3	0,1	0,02	0,1
88424	N-13-9	131.0-135.5	V1-V2	qz-fp-mu	5-7% py, 1-2% sp		mod-high	fairly homogen, crenulations in fol'n	647	0,68	1472	5237		41,5		14	7,3	5	5	0,18	0,1
88425	N-13-4	86,3	V2	qz-fp-(mu)	2-5% py, tr sp, gal	qtz	mod	fairly homogen, less musc than usual	1150	1,16	53	4468		49,4		22	11	9	0,1	0,16	0,1
88426	N-13-4	88,6	V1-V2	qz-mu	mass. py, 1% sp		mod	very homogeneous, sharp c/ 80°C A betwn mu, fol'd and mass	207		116	15596		25,7		36	13	3	0,1	0,61	30
88427	N-13-8	194.9-196.9	V1-V2	qz-fp-mu	10-15% py	qtz	mod-high	fairly homogeneous	155		540	44		8,9		8	0,1	2	12	0,02	11
88428	N-13-7A	156.7-157.6	V1-V2	qz-fp-mu	3% py, po along fol'n and semi-mass. py, sp, ga	qtz	mod	interval is variably mineralized	1337	0,82	1204	2971		53,0	53	5,9	3,6	6	6	0,16	14
88429	N-13-7B	157.7-159.0	V1-V2	qz-fp-mu	2-5% py to semi-mass., 2% sp in mass. sections		mod	hetero interval, py defines fol'n, also massive assoc with sp-qz	66		53	8481		8,4		6,5	0,9	2	8	0,3	8
88430	N-13-1	64.0-66.0	V1-V2	qz-fp-mu	2-5% py		mod	fairly homogen interval	21057	18,1	1477	9082		198	198	7,9	5,5	4	6	0,65	0,1
88431	N-13-2	71.0-72.0	V1-V2	qz-mu	tr py, tr gal		mod	homogen qtz-musc schist	40		24	3086		44,6		1,9	0,1	7	0,1	0,02	0,1
88432	N-13-3	79.0-82.0	V1-V2	qz-fp-mu	2% to mass. py, 3% sp, tr ga	qtz	mod	interval is variably mineralized, not homo	46		265	14825		19,3		12	2,5	6	6	0,25	15
88433	N-13-13A	77.0-79.0	V1-V2	qz-fp-mu-bo	nil-tr py		mod	interval is heteroge, perhaps small dyke within	35		16	58		1,6		0,1	0,1	4	13	0	0,1
88434	N-13-14	142.0-149.0	V1	qz-musc	2-3% py	qtz-ep	mod-high	interval is heterogen, contains veins and questionable dykes	9		14	60		0,5		0,1	0,1	2	20	0	0,1
88435	N-13-11	31.0-31.9	V1	qz-musc	tr py	hem?, k fp?	mod-high	possibility of small dyke in interval	18		11	89		0,3		2,2	0,1	3	10	0,01	0,1
88436	N-13-12	34.1-36.6	V1	qz-musc	tr py	ep	mod	well defined fol'n, homogeneous	5		8	36		0,3		0,1	0,1	6	0,1	0,01	0,1
88437	N-13-10A	112.0-117.3	V1	qz-fp-mu	3%-semi-mass. py, 5% sp, 2-3% ga		mod	interval is variably mineralized	60		321	1783		10,1		15	2,3	11	0,1	0,06	0,1
88438	M-11-2	136.0-137.0	V1	qz-mu	4-7% py, 1% ga		mod	well devel fol'n defined by py, musc	32		34	511		5,5		15	0,5	15	6	0,02	5
88439	N-13-91-2	251.3-253.0	V1	qz-fp-mu	7-10% py, tr sp		mod	well developed fol'n with mu, py	45		87	329		5,8		12	0,1	3	0,1	0,02	4
88440	N-13-91-4	351.7-355.0	V1-V2	qz-fp-mu	1-3% py	ep-qtz?	mod	heterogenous interval, possibly a dyke within	1		6	70		0,4		0,1	0,1	7	23	0	0,1
88441	N-13-91-3	183.0-188.0	V1-V2	qz-fp-mu	tr-3% py, tr-1% gal (Mo?) in a qz vn	qtz	mod	heterogenous, veining, varying degrees of musc	1		108	204		3,9		0,1	0,1	149	12	0,01	0,1
88442	M-12-11	55.0-63.4	V1	qz-mu	tr-4% py, 4% po,		mod-high	interval is variably mineralized	21		144	8696		18,2		4,2	0,1	14	8	0,12	4
88443	M-12-10	90.0-97.0	V1	qz-fp-mu-bo	3% py, tr ga		mod	well developed fol'n with bo, py	15		82	821		1,6		1,2	0,1	3	12	0,02	0,1

WHITE RIVER PROPERTY  
1998 Metal analyses

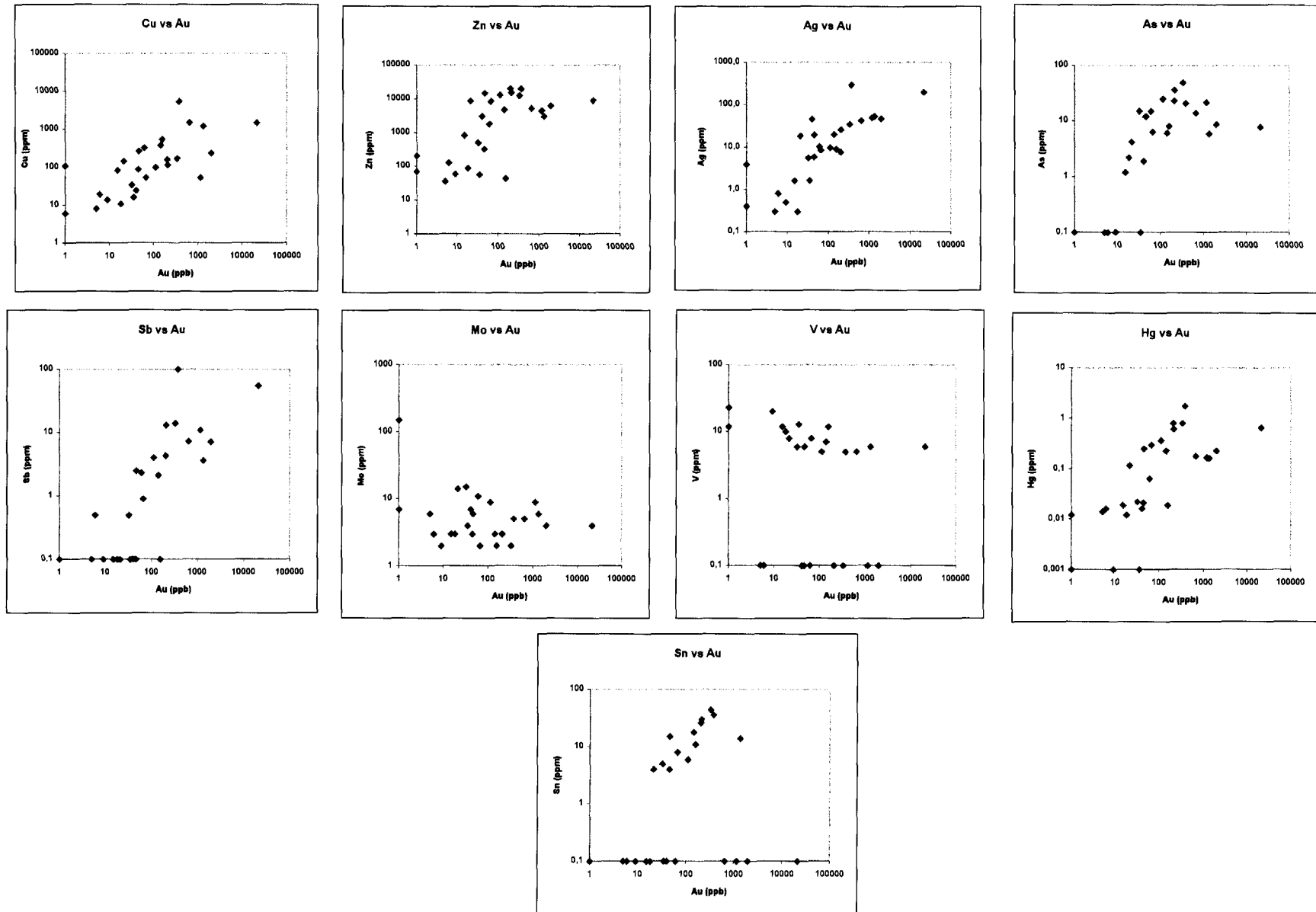


Figure 8 : Au vs Trace elements



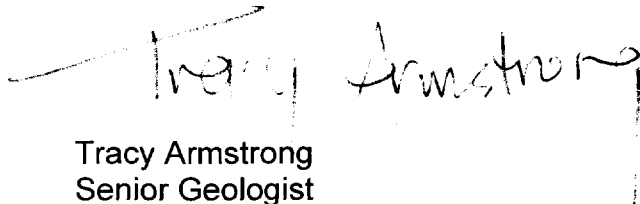
## VII. Conclusions and Recommendations

The White River Property has received a great deal of exploration attention due to its location approximately 2.5 kilometres east of the Hemlo orebodies. Over \$10.0 million dollars were spent on the property from 1981 to 1996. Humus geochemistry was used over the 17 kilometre strike length and has been shown to be an inappropriate exploration guide on the White River Property. Geophysical methods were used extensively and all anomalous trends have been tested by diamond drilling. Over 37,000 meters were drilled with the most significant results obtained from the 800 metre x 500 metre x 200 metre vertical Main Gouda Lake Horizon.

The 1998 compilation and the lithogeochemical sampling program complete the list of work done to date on the property. The estimated cost for this program was \$72 675 as detailed in annex V.

The results of the lithogeochemical sampling on Gouda and Thor Lake recognized many similarities between these horizons and Hemlo. However the sampling program through the Upper Anomalous Zone has shown that there are no geochemical affinities between the Upper Anomalous Zone and the Hemlo mines.

Recommendations for further exploration on the White River Property would be to concentrate on the Gouda and Thor Lake horizons and to test mineralization at depth in the vicinity of the DC Fault.



Tracy Armstrong  
Senior Geologist

Martin Magan  
Geologist

## REFERENCES

- 1990 – Bree, David G. The Nature of Gold in Humus : Implications for Geochemical Exploration
- 1997 – CAMIRO Exploration Division Hemlo Research Project : Finding the Next Hemlo : Defining the Parameters
- 1996 – Johnston, Paul Jeffrey : The Geological Setting of the Hemlo Gold Deposit, Ontario, Canada
- 1997 – Lin, Shoufa : Structural Setting of the Hemlo gold deposit, Western Ontario
- 1997 – Muir, T.L. : O.G.S. Report 289 Hemlo Gold Deposit Area
- 1995 – Muir, T.L., Schnieders, B.R., Smyk, M.C. : Geology and Gold Deposits of the Hemlo Area Revised Addition



## Annex I

### Claims list and status

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM386679	99-07-13	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM386680	99-07-13	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM386681	99-07-13	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM386682	99-07-13	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM607720	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607721	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607722	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607723	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607724	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607725	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607726	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607727	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607728	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607729	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607730	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607731	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607732	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607733	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607734	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607735	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607736	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607737	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607738	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607739	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607740	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607741	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607742	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607743	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607744	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607746	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607747	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607748	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607749	99-06-12	16,00	642 \$	Brothers	100% LAC EXPL. INC.
SSM607750	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607751	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607752	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607753	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607757	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607758	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607759	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607760	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607761	99-06-12	16,00	546 \$	Brothers	100% LAC EXPL. INC.
SSM607762	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM607763	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607764	99-06-12	16,00	7 055 \$	Brothers	100% LAC EXPL. INC.
SSM607765	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607766	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607767	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607768	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607769	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607770	99-06-12	16,00	34 \$	Brothers	100% LAC EXPL. INC.
SSM607771	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC. —
SSM607772	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607773	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607774	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607775	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607776	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607777	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607778	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607779	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607780	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607781	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607782	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607783	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607784	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607785	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607786	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607787	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607788	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607789	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607790	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607791	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607792	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607793	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607796	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607797	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607798	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607799	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607801	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607802	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607803	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607804	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607805	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607806	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607807	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607808	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607809	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM607810	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607811	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607814	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607815	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607816	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607817	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607821	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607822	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
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SSM607852	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607853	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607854	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607855	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607856	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607857	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607858	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM607859	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607860	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607861	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607862	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607863	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607864	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607865	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607866	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607867	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC. —
SSM607868	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607869	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607871	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607872	99-06-12	16,00	1 \$	Brothers	100% LAC EXPL. INC.
SSM607873	99-06-12	16,00	35 453 \$	Brothers	100% LAC EXPL. INC.
SSM607874	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607875	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607876	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607877	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607901	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607902	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607903	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607905	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
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SSM607907	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607908	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607909	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607910	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607911	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607912	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607913	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607914	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM607915	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607916	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607917	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607918	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607919	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607920	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607921	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607922	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607923	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607924	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607925	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607926	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607927	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607928	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607929	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607930	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607931	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607932	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607933	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607934	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607935	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607936	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607937	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607938	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607939	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607940	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607941	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607942	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607943	99-06-12	16,00	20 563 \$	Brothers	100% LAC EXPL. INC.
SSM607944	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607945	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607946	99-06-12	16,00	26 047 \$	Brothers	100% LAC EXPL. INC.
SSM607947	99-06-12	16,00	327 \$	Brothers	100% LAC EXPL. INC.
SSM607948	99-06-12	16,00	3 600 \$	Brothers	100% LAC EXPL. INC.
SSM607949	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607950	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607951	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607952	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607953	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607954	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607955	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607956	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607957	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607958	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607959	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607960	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607961	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM607962	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607963	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607964	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607965	99-06-12	16,00	246 \$	Brothers	100% LAC EXPL. INC.
SSM607966	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607967	99-06-12	16,00	6 018 \$	Brothers	100% LAC EXPL. INC.
SSM607968	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607969	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607970	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.—
SSM607971	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607972	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607973	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM607980	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607981	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607982	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607983	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607984	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607985	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607986	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607987	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607988	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607989	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607990	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607991	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607992	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607993	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607994	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607995	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM607996	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM616424	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM616425	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM616426	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM616427	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM616428	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM616429	99-08-31	16,00	171 \$	Brothers	100% LAC EXPL. INC.
SSM620464	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620465	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620466	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620467	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620468	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620469	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620470	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620471	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620472	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620473	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620474	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620475	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM620476	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620477	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620478	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620479	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620480	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620481	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620482	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620484	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620485	99-08-31	16,00	312 \$	Brothers	100% LAC EXPL. INC.
SSM620486	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620487	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620488	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620489	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620490	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620491	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620492	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM620493	99-08-31	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625501	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625502	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625503	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625504	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625505	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625506	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625507	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625508	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625509	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625510	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625511	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625512	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625513	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625514	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625515	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625516	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625517	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625518	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625519	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625520	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625521	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625522	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625523	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625524	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625525	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625526	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625527	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625528	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625529	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625530	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.



White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM625531	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625532	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625533	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625534	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625535	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625536	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625537	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625538	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625539	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625540	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625541	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625542	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625543	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625544	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625545	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625546	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625547	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625548	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625549	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625550	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625551	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625552	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625553	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625554	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625555	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625556	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625557	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625558	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625559	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625571	99-06-12	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM625572	99-06-12	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM625577	99-06-12	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM625578	99-06-12	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM625581	99-06-12	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM625582	99-06-12	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM625583	99-06-12	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM625584	99-06-12	16,00	- \$	Bomby	100% LAC EXPL. INC.
SSM625585	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625586	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625587	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625588	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625589	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625591	99-06-12	16,00	103 822 \$	Brothers	100% LAC EXPL. INC.
SSM625592	99-06-12	16,00	347 \$	Brothers	100% LAC EXPL. INC.
SSM625593	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625594	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625595	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM625596	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625597	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625598	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625599	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625600	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625601	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625602	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625603	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625604	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625605	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625606	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625607	99-06-12	16,00	63 \$	Brothers	100% LAC EXPL. INC.
SSM625608	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625609	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625610	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625611	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625612	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625613	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625614	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625615	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625616	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625617	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625618	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625619	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625620	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625621	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625622	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625623	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625624	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625625	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625626	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625627	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625628	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625629	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625630	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625631	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625632	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625633	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625634	99-06-12	16,00	445 \$	Brothers	100% LAC EXPL. INC.
SSM625640	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625641	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625642	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625643	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625644	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625645	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625646	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625647	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM625648	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625649	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625650	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625651	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625652	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625653	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625654	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625655	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625656	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625657	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625658	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625659	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625660	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625661	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625662	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625663	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625664	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625665	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625666	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625667	99-06-12	16,00	802 \$	Laberge	100% LAC EXPL. INC.
SSM625668	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625669	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625670	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625671	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625672	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625673	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625674	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625675	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625676	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625677	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625678	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625679	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625680	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625681	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625682	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625683	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625684	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625685	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625686	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625687	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625688	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625689	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625690	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625691	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625692	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625693	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625694	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM625695	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625696	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625697	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625698	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625699	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625700	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625701	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625702	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625703	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625704	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625705	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625706	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625707	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625708	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625709	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625710	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625711	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625712	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625713	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625714	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625715	99-06-12	16,00	1 \$	Laberge	100% LAC EXPL. INC.
SSM625716	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625717	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625718	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625719	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625720	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625721	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625722	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625723	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625724	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625725	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625726	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625727	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625728	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625729	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625730	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625732	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625733	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625734	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625737	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625738	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625739	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625740	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625741	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625742	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625743	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625744	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM625745	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625746	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625747	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625748	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625749	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625750	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625751	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625752	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625753	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625754	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625755	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625756	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625757	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625758	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625759	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625760	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625761	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625762	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625763	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625764	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625765	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625766	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625767	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625768	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625769	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625770	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625771	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625772	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625773	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625774	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625775	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625776	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625777	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625778	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625779	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625780	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625781	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625782	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625783	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625784	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625785	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625786	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625787	99-06-12	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM625788	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625789	99-06-12	16,00	106 655 \$	Brothers	100% LAC EXPL. INC.
SSM625790	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625791	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.



White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM625792	99-06-12	16,00	40 046 \$	Brothers	100% LAC EXPL. INC.
SSM625793	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625794	99-06-12	16,00	30 590 \$	Brothers	100% LAC EXPL. INC.
SSM625795	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625796	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625797	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625798	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625799	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625800	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625801	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625802	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625803	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625804	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625805	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625806	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625807	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625808	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625809	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625810	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625811	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625812	99-06-12	16,00	252 \$	Brothers	100% LAC EXPL. INC.
SSM625813	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625814	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625815	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625816	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625817	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625818	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625819	99-06-12	16,00	1 516 \$	Brothers	100% LAC EXPL. INC.
SSM625820	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625821	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625822	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625823	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625824	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625825	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625826	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625827	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625828	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625829	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625830	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625831	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625832	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625833	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625834	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM625835	99-06-12	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM626737	99-07-22	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM626738	99-07-22	16,00	- \$	Laberge	100% LAC EXPL. INC.
SSM642695	99-08-20	16,00	- \$	Brothers	100% LAC EXPL. INC.

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99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM642696	99-08-20	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM642697	99-08-20	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM642698	99-08-20	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM642699	99-08-20	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM642700	99-08-20	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1052877	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1052878	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1052879	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1052880	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1052881	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1052882	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1052883	99-11-22	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1052884	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1074781	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1074782	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1086628	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1086629	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1086630	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1086631	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1086632	00-01-06	16,00	282 \$	Laberge	100% LAC EXPL. INC.
TB1086633	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1086634	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1086635	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1086636	00-01-06	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1086639	00-01-06	16,00	- \$	Oskabukuta Lake	100% LAC EXPL. INC.
TB1086640	00-01-06	16,00	- \$	Oskabukuta Lake	100% LAC EXPL. INC.
TB1086641	00-01-06	16,00	- \$	Oskabukuta Lake	100% LAC EXPL. INC.
TB1086642	00-01-06	16,00	- \$	Oskabukuta Lake	100% LAC EXPL. INC.
TB1086643	00-01-06	16,00	- \$	Oskabukuta Lake	100% LAC EXPL. INC.
TB1086644	00-01-06	16,00	- \$	Oskabukuta Lake	100% LAC EXPL. INC.
TB1086645	00-01-06	16,00	- \$	Oskabukuta Lake	100% LAC EXPL. INC.
TB1092354	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1092355	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1092356	99-11-22	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB1092552	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092553	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092554	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092555	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092556	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092557	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092560	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092561	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092562	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092563	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092564	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092565	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092566	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.

White River project (755)

99-01-21

Claim list

Claim #	Expiration date	Area	Excess credit	Township	Ownership
TB1092567	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092568	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1092569	99-10-26	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1097120	99-07-25	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1097121	99-07-25	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1097122	99-07-25	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1097123	99-07-25	16,00	- \$	Laberge	100% LAC EXPL. INC.
TB1122888	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122889	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122890	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122891	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122892	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122893	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122894	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122900	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122901	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122902	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122903	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122904	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122905	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122906	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1122907	99-08-10	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1164907	99-08-15	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1164908	99-08-15	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1164909	99-08-15	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1164910	99-08-15	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1164911	99-08-15	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1164912	99-08-15	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1164913	99-08-15	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1164914	99-08-15	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1164915	99-08-15	16,00	- \$	Bomby	100% LAC EXPL. INC.
TB1172954	00-02-19	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608965	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608966	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608967	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608968	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608969	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608970	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608971	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608972	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608973	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB608974	99-09-10	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB626734	99-07-06	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB626735	99-07-06	16,00	- \$	Brothers	100% LAC EXPL. INC.
TB626736	99-07-06	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM542588	99-10-09	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM542589	99-10-09	16,00	- \$	Brothers	100% LAC EXPL. INC.

**White River project (755)**

99-01-21

*Claim list*

Claim #	Expiration date	Area	Excess credit	Township	Ownership
SSM542590	99-10-09	16,00	- \$	Brothers	100% LAC EXPL. INC.
SSM542591	99-10-09	16,00	- \$	Brothers	100% LAC EXPL. INC.
707 claims			385 836 \$		

## Annex II

1998 lithogeochemical sampling. Detailed description



## ANNEX II :

**WHITE RIVER PROPERTY**  
**1998 Lithochemical sampling**  
**Description**

#	Hole	Depth	Code	Rock type	Mineralogy	Mineralization	Veins	Deform.	Remarks
88001	J-8-2	-93.16	FP	FP	Fp-Qz-Bo	nil		weak	Heterogeneous, porphyritic with 15-20% 1-3 mm feldspar phenox in fine grained fp-qz-bo matrix
88002	J-8-2	-99.94	LOW Zr	S3G?	Fp-Amo-Bo-Mu	nil	nil	mod.	Heterogeneous, medium gray to light green, fine to medium grained, weakly banded
88003	J-8-2	-109	LOW Zr	ALT Bo-Gr	Bo-Am-Sill-Gr-Fp	nil		strong	Homogeneous, dark gray, green, 15% 1-2mm Garnet porphyroblast in Bo-Amph-Sill-Fp matrix
88004	J-8-2	-112.5	FP	Fp ?	Fp-Qz-Bo	1% Diss. Py	2% Ep+	weak	Homogeneous, light brownish gray, fine to medium grained, feldspar phyruc (3-5%, 1 mm)
88005	J-8-2	-123.9	SED+V3B	S3G	Fp-Bo-Am	nil	(Ep)	weak-mod.	Homogeneous dark gray fine grained. Int. to Mafic
88006	J-8-2	-134	SED+V3B	S3G, (V3B?)	Fp-Am-Bo	nil		weak	Homogeneous dark gray fine grained. Mafic ?
88007	J-8-2	-145.5	SED+V3B	S3G, (V3B?)	Fp-Am-Bo	nil	5% Ep	weak	Homogeneous dark gray fine grained with mm scale ep veining
88008	J-8-2	-154.8	SED+V3B	S3G	Fp-Am-Bo-(Mu)	Tr. Py	(Ep)	weak	Homogeneous, medium gray, fine grained
88009	J-8-3		SED+V3B	ALT Kspar	Kspar-Am-(Bo)	1% diss. Py	nil	weak	Reddish brown, fine and medium (amph rich) grained bands, S3G?
88010	J-8-3		SED+V3B	ALT BO-GR (V3B?)	Bo-Gr-Am	nil			
88011	J-8-3		SED+V3B	S3G					
88012	J-8-3		FELSIC	I1(S?)	Kspar-Bo-Qz	1-2% diss. Py	(qz)	weak	Mid to coarse grained homogeneous grayish pink
88013	J-8-3		FP	Fp	Fp-(Bo)	nil	nil		20-25% 0.5-1.5mm white Fp phenox in mid gray very fine-grained matrix
88014	J-8-3		BASALT	V3B					
88015	J-8-3		BASALT	V3B	Am-Bo-Fp				Homogeneous, dark green, medium grained
88016	J-8-3		BASALT	V3B ? ALT	Am-Fp	nil	(qz)		Homogeneous, dark green, fine-grained
88017	J-8-3		FP	FP (S3G)	Fp-Bo	nil	nil	weak	Homogeneous, 10-15%, 0.5-1mm white Fp in mid gray matrix
88018	J-8-3		BASALT	V3B ALT	Am-Bo-Fp	nil			Homogeneous, dark green, fine-grained
88019	J-8-3		BASALT	V3B ? ALT	Am-Fp	nil	(qz)		Homogeneous, dark green, fine-grained
88020	J-8-3		BASALT	S3G (V3B) ALT	Bo-Am-Gr	tr Py			Dark, black, homogeneous, medium grained,
88021	J-8-3		BASALT	ALT (V3B)	Calc-silicate	Py in Cal-Sil band	Calc-Sill		Dark green with mm scale light green band of epidote
88022	J-8-3		SED+V3B	S3G ?	Fp-Am-Bo	Tr. Py	(Qz)		
88023	J-8-3		SED+V3B	V3B	Fp-Am-Ep	nil	QzEp		Homogeneous, medium to light gray, medium grained
88024	J-8-3		SED+V3B	S3G	Fp-Am-Ep	nil	(Ep)	weak	medium gray, banded with mm scale fine grained horizons and medium grained
88025	J-8-3		SED+V3B	S3G			(K Fp?) (Ep)	weak	
88026	J-8-3		SED+V3B	S3G ??	Fp-Amp	nil	(Ep) (Ab)	weak	Medium gray, banded, fine grained
88027	J-8-3		SED+V3B	V3B (S3G)					Medium gray, homogeneous, fine grained, int to mafic
88028	J-8-3		SED+V3B	S3G (V3B?)	Fp-Am-Ep-(Bo)		Ep	weak	Medium gray, homogeneous, fine grained
88029	J-8-3		SED+V3B	S3G (Ab+)	Fp-(Am)-(Mu)	nil	(Qz)	weak	Light gray, banded, fine grained (Albitized??)
88030	L-8-1	-4.07	SED+V3B	V3B (S3G)	Am-Fp-Bo	1% Py	1-3% vQzAb	mod.	Homogeneous, dark gray, fine-grained,
88031	L-8-1	-6.97	FP	Fp Bo	Fp-Qz-Bo	Py 1-2%		weak	Medium gray, homogeneous, 20-30% fp phenox, 4-5% Bo flakes
88032	L-8-1	-20.19	BASALT	ALT (S3G?)	SiAb+? Mu Hm	1-2% diss Py			Light brown, fine grained homogeneous, Silicified ? Albitized? Hematite
88033	L-8-1	-27.75	BASALT	S3G	Amp-Bo-Fp		vQz	weak-mod.	Dark gray to black, homogeneous, fine grained,
88034	L-8-1	-40.06	BASALT	S3G	Amp-Fp			weak	Homogeneous, dark gray, fine grained, mafic
88035	L-8-1	-53.85	BASALT	S3G	Am-Bo-Bo	nil	(ep)	weak-mod.	Medium gray, homogeneous, fine grained, mafic
88036	L-8-1	-64.31	BASALT	S3G	Am-Fp-Bo	nil	(Hm)	weak	Homogeneous, medium gray, fine grained, Mafic
88037	L-8-1	-74	BASALT	S3G	Am-Fp-Bo	nil	nil	weak	Homogeneous, medium gray, fine grained, Mafic, patchy bo alteration
88038	L-8-1	-82.98	SED+V3B	S3G	Am-Fp-Bo	nil			Banded, light to medium gray, fine grained, banding caused by amph-bo rich section
88039	L-8-1	-91.39	SED+V3B	ALT EP+ (S3G)	Ep-Fp-Am-Bo	nil	Ep	weak	Heterogeneous, light green to medium gray, fine grained
88040	L-8-1	-102.4	SED+V3B	ALT AB? EP+		1-2% Py	Ep(Qz)	weak	Light gray, fine-grained, homogeneous, patchy Bo Alt
88251	M-11-2	-8.92	BASALT	V3B ?	Amp-Fp-Bo-Mv-Ep	nil	nil		
88252	M-11-2	-29.14	SED+V3B	S3G (V3B?)	Fp-Am-Bo-Ep	nil	nil		
88253	M-11-2	-43.33	SED+V3B	S3G (V3B?)	Fp-Am-Bo-Ep	nil	nil		
88254	M-11-2	-57.74	SED+V3B	S3G (V3B?)	Fp-Am-Bo-Ep	nil	nil		
88255	M-11-2	-74.51	SED+V3B	V3B	Fp-Am-Bo	nil		mod.	Medium gray, fine grained with mm scale bo rich bands
88256	M-11-2	-77.53	FP	FP Bo	Fp-BVo-Qz	nil	nil	weak-mod.	Feldspar phyruc rock, light gray, 25-30 % phenocris 1-3 mm, 5% Bo flakes.
88257	M-11-2	-91.29	FELSIC	QP?	Fp-Qz-Bo-Mu	tr Py		mod.	Heterogeneous, light gray to medium gray, fine grained with Bo rich bands and Mu rich bands
88258	M-11-2	-95.81	FELSIC	MS Mu (QP)	Fp-Mu-Qz	1-2% diss. Py		strong	Light yellow, schistose
88259	M-11-2	-101	PUSKASW	MG Bo	Fp-Qz-Bo			mod.	Puskaskwa !!!
88260	M-11-2	-109.6	BASALT	V3B	Amp-Fp	nil	3% Qz	strong	Dark gray, fine-grained, homogeneous
88261	M-11-2	-120.3	PUSKASWA	MG Bo	Fp-Qz-Bo			strong	Puskaskwa !!!
88262	M-12-10		SED+V3B	S3G (V3B?)	Fp-Am-Bo-Ep	nil		mod.	Gray, fine-grained, bo flakes
88263	M-12-10		SED	S3G	Fp-Am-Mu-Bo-Hm?	tr Py			Light reddish gray, fine-grained, homogeneous
88264	M-12-10		FELSIC	QP	Fp-Qz-Mu	1-2% diss. Py		mod.	Off white, fine-grained white 3-5% quartz phenocris, schistose
88265	M-12-10		BASALT	V3B	Amp-Fp-Bo	nil	1% vqz	strong	Dark gray, fine-grained, fairly homogeneous
88266	M-12-11	-3.8	BASALT	S3G	Amp-Di?	tr Py	?	mod.	Heterogeneous, with mm scale calc-silicate? rich bands
88267	M-12-11	-30.87	BASALT	V3B	Am-Bo-Fp	nil	(qz)	mod.	Dark gray bluish, fine-grained, banded with mm thick bo-amph rich bands

## ANNEX II :

**WHITE RIVER PROPERTY**  
**1998 Lithochemical sampling**  
**Description**

#	Hole	Depth	Code	Rock type	Mineralogy	Mineralization	Veins	Deform.	Remarks
88268	M-12-11	-53.68	FELSIC	MS Mu	Mu-Qz	tr Py	(qz)	strong ?	Light yellow, fine-grained, homogenous, schistose
88269	M-12-11	-60.98	FELSIC	MS Mu	Mu-Qz-Py	5-7% diss. Py	(qz)	strong ?	Light yellow, fine-grained, homogenous, schistose
88270	M-12-11	-76.79	BASALT	ALT (S3G?)	Fp-Am-Ep-Bo-Mu	tr-1% Py	(Qz)(Ep)	mod.	Fine-grained, heterogeneous with mm scale banding, dark bands consist of am-bo-plag and light bands consist of plag-ep-mu
88271	M-12-11	-80.14	BASALT	V3B	Amp-Bo	nil	5% vEp-Qz	strong	Dark gray-green, fine-grained, with Bo-rich mm bands
88272	I-8-5	-4.06	SED	S3G	Fp-Bo-Mv	nil	(ep)	weak	Homogenous fine grained
88273	I-8-5	-17.63	SED	S3G	Fp-Bo-Mv	nil	(ep)	weak	Banded with epidote rich sections
88274	I-8-5	-31.49	SED+V3B	S3G(V3B?)	Fp-Bo-Mv	tr. Py	(ep)	weak	Homogenous intermediate rock (volcanic?)
88275	I-8-5	-41.46	SED	S3G	Fp-Ep-Am-	nil		mod.	Light gray; banded ; banding caused by amphibole content
88276	I-8-5	-44.67	SED	S3G, S7	Bo	tr. Py	nil		Heterogeneous with very fine grained cherty looking bands and fine to medium grained sandstone? bands
88277	I-8-5	-55.1	SED+V3B	S?	Fp-Am-Bo-Mu	nil	(Qz-Fp-Bo)		Gray, banded, feldspar-phyric?, Amph-Bo rich band
88278	I-8-5	-67.58	BASALT	I3G ?	Am-Fp-Bo-	v(Py)	(ep)	mod.	Salt n pepper look, medium grained, banded
88279	I-8-5	-72.35	BASALT	ALT SIAb		Py 2-5%		weak	Light gray, fine grained, 1-2% black mineral (amphibole?) 0.5 -1mm, silicified?
88280	I-8-5	-83.93	BASALT	ALT Bo	Fp-Bo (Gr?)-Mu	Py 1-2%	nil	mod.	Dark gray, medium grained with 5% white(garnet) porphyroblasts and 1% black (biotite) porphyroblasts
88281	I-8-5	-97.54	BASALT	ALT Bo	Fp-Bo (Gr?)-Mu				Med. gray, heterogeneous with fine-grained bands and med. grained (porphyritic) bands consisting of various amounts of plag-bo-ep
88282	I-8-5	-108.9		LOW Zr	? (mafic)	Bo-Gr-Fp-Ep	nil	mod.	Bluish gray, medium-grained garnet with biotite
88283	I-8-6	-19.32	SED+V3B	S3G	Fp-Am-Bo	tr. py	nil	weak	Gray, fine-grained, weakly banded
88284	I-8-6	-21.18	SED+V3B	I2S? Bo	Kfp-Fp-Bo	nil	nil	weak	Medium-grained, homogenous
88285	I-8-6	-34.5	SED+V3B	S3G	Fp-Am-Bo	nil	(qz)		Fine to medium-grained, homogenous, mafic composition
88286	I-8-6	-54.79	SED+V3B	S3G		nil	(ep)		Fine-grained homogenous mafic rock
88287	I-8-6	-62.81	SED+V3B	S3G		nil	(ep)		Fine-grained homogenous mafic rock
88288	I-8-6	-73.4	SED+V3B	S3G		nil		weak	Fine-grained homogenous mafic rock
88289	I-8-6	-79.46	SED+V3B	ALT	Si-Ep	nil	ep+		Fine-grained, light gray, mafic protolite?, strong epidote veining
88290	I-8-6	-84.49	SED+V3B	S3G	Fp-Am-Bo	nil	nil	weak	Fine-grained homogenous mafic rock
88291	I-8-6	-88	SED+V3B	ALT	Si+ Ab+	nil	v(qz)	weak-mod.	Light gray, fine-grained, silicified? albitized?
88292	I-8-6	-92.22	BASALT	S3G	Fp-Am-Bo	nil	nil	weak	Fine-grained homogenous mafic rock
88293	I-8-6	-102.3	SED+V3B	S3	Am-fp-qz-ep	nil		weak	Grey-green banded, v. minor ep? veinlets x-cutting
88294	I-8-6	-146.2	SED+V3B	S3	qz-fp-bo-mu	nil		weak	med grey, well banded
88295	I-8-6	-155.7	SED+V3B	S3	qz-fp-Am	nil		weak	homogeneous dark green-grey, featureless
88296	I-8-6	-163.8	BASALT	V3B	Am-bo	nil		weak	fine grained, homogen, featureless
88297	I-8-6	-169.9	SED+V3B	S3	fp-qz-Am	nil		mod.	strongly silic, banding well defined but disturbed by v. thin fractures of bo
88298	I-8-6	-183.3	LOW Zr	S3	qz-fp-bo	nil		weak-mod.	strongly silic, med green-grey and well banded
88299	I-8-6	-196.2	SED+V3B	S3	fp-bo-qz	tr py		weak-mod.	well banded med to dark grey
88300	I-8-6	-205	SED+V3B	S3	fp-bo-mu	tr py		weak-mod.	well banded, alternating dark grey and grey-brown bands
88301	I-8-6	-211.2	SED+V3B	S3?	qz-fp-bo-mu	nil		weak-mod.	well banded, pale grey, strongly silic, light pinkish bands
88302	I-8-14	-11.17	INTRUSIVE	I1-I2	qz-fp-bo-ep	nil		weak	med-coarse equigranular intrusive
88303	I-8-14	-81.74	INTRUSIVE	I1-I2	qz-fp-bo-ep	nil		weak	med-coarse equigranular intrusive
88304	I-8-14	-203.6	INTRUSIVE	I1-I2	qz-fp-bo-ep	nil		weak	med-coarse equigranular intrusive
88305	I-8-14	-236.2	SED+V3B	S3	fp-qz-bo	nil		weak	fine grained dark grey, featureless
88306	I-8-14	-253.7	SED+V3B	S3	fp-qz-bo	nil		weak	fine grained dark grey, featureless
88307	I-8-14	-265.1	SED+V3B	S3	fp-qz-Am-bo	tr py		weak	homogeneous, featureless, dark grey
88308	I-8-14	-277.7	SED+V3B	S3	fp-qz-Am-ep	nil		weak-mod.	well banded with alternating greenish and grey bands
88309	I-8-14	-298.6	SED+V3B	S3	fp-Am-bo	nil		weak	fine grained, featureless, homogeneous
88310	I-8-14	-290.1	SED+V3B	I2	fp-qz-ep-bo	tr py		weak	pink and cream feldspar porphyritic dyke in a dark grey matrix, ep, bo interstitial
88311	I-8-14	-316.2	SED+V3B	S3?	qz-Am	nil	qz	mod.	alternating dark grey and cream bands, cream bands are qtz with amph specks
88312	I-8-14	-322.7	SED+V3B	S3?	qz-fp-ep	nil	ep	mod.	quite brecciated, rehealed with ep in fractures, sub mm salmon pink k-spar filled fractures
88313	I-8-14	-334.2	SED+V3B	S3?	qz-fp-amp-bo	nil		weak-mod.	homogeneous, fairly featureless
88314	I-8-14	-351.2	SED+V3B	S3	fp-qz-bo-ep	nil	ep	weak-mod.	dull dark grey with minor late ep filled fractures
88315	I-8-14	-355.8	SED+V3B	S3?	fp-qz-ep-amp	nil	ep	mod.	late ep fracture filling forming a "stockwork" pattern
88316	I-8-14	-368	SED+V3B	S3?-v3?	amp-fp-qz	nil		weak-mod.	well banded with salmon pink k-spar bands generally along fol'n
88317	I-8-14	-376.2	SED+V3B	S3?	qz-fp-amp-bo	nil		weak-mod.	homogeneous, fairly featureless
88318	I-8-14	-390.3	SED+V3B	S3	qz-fp-bo	nil		weak-mod.	very silic, homogeneous
88319	I-8-14	-399.8	SED+V3B	S3?	qz-fp-bo	nil		weak-mod.	homogeneous, med grey
88320	I-8-14	-409.3	SED+V3B	S3	fp-qz-bo	nil		mod.	tr sub mm pink garnets
88321	I-8-14	-420.3	SED+V3B	S3	qz-fp-bo	nil		mod.	well banded, med to drk grey
88322	I-8-14	-431.6	SED+V3B	S3?-v3?	qz-fp-amp	nil		mod.	weakly porphyritic with mm dark green amph
88323	I-8-14	-442.6	BASALT	V3B	amp-bo	nil		mod.	homogeneous, f. grained, featureless
88324	I-8-14	-453.7	SED+V3B	S3	fp-qz-mu-ep?	nil		mod.	med to dark grey with paler green bands of ep along fol'n and x-cutting it at random
88325	I-8-14	-466.3	SED+V3B	S3	amp-fp-bo	nil		weak-mod.	homogeneous dark green, fine grained

## ANNEX II :

**WHITE RIVER PROPERTY**  
**1998 Lithogeochemical sampling**  
**Description**

#	Hole	Depth	Code	Rock type	Mineralogy	Mineralization	Veins	Deform.	Remarks
88326	I-8-14	-476.1	SED+V3B	S3	qz-fp-bo	nil	minor qtz	mod.	well banded, very silic
88327	I-8-14	-480.9	SED+V3B	S3?	qz-fp-mu-bo	nil		mod.	very silic, well banded
88328	I-8-14	-498.5	SED+V3B	S3	qz-fp-mu-bo	nil		mod.	very silic, s/a 88330
88329	I-8-14	-509.4	SED+V3B	S3	fp-bo-mu	nil		mod.	well banded with mm to cm micaceous bands
88330	I-8-14	-518.8	SED+V3B	S3	qz-fp-bo-gt	nil		mod.	very silic, well fol'd, slightly porphyritic, 1-2% sub mm pink garnets
88331	I-8-14	-530.7	SED+V3B	S3?	qz-fp-mu-bo	nil		mod.	fairly silic, well fol'd, blue-grey with hairline mica on fol'n planes
88332	I-8-14	-541.4	BASALT	v1-v2	qz-fp	1-2% fine py		mod.	well fol'd with py along fol'n, pale grey, v. minor musc
88333	I-8-14	-555.1	LOW Zr	S3	qz-fp-bo-ep	nil		mod.	well fol'd with bo defining it, 1% to variable sub mm pink garnets, ep along fol'n
88334	I-8-14	-561.5	SED+V3B	l2g	qz-fp-bo	1% py		weak	equigranular to slightly porphyritic salt and pepper dyke
88335	I-8-14		LOW Zr	S3	fp-bo-qz	nil		mod.	well fol'd with bo defining fol'n, sub mm pink garnets, minor epidote
88336	H-8-1	-725.4	SED+V3B	ALT (S3G)	Fp-Am-Bo-Mu-Gr?	1-2% diss. Py	(qz)	mod.	Heterogeneous, fine grained bands and medium grained bands
88337	H-8-1	-751.3	SED+V3B	ALT	Fp-Bo-CalcSilicate-Am	tr py	(qz)	mod.	Heterogeneous, well banded with Fp-Qz rich bands and Bo-Amph rich bands together with mm scale calcsilicate bands
88338	H-8-1	-761.5	SED+V3B	ALT SIAB	Fp-Qz-(Bo)	1-2% diss Py	(qz)	weak	Heterogeneous, fine grained (porphyritic ??) light gray, mm scale Bo-Py rich bands
88339	H-8-1	-782.7	SED+V3B	ALT SiAb(Mu)	Fp-Qz-(mu)	1-2% diss. Py		weak-mod.	Heterogeneous, light gray to off white, fine grained, patchy silica alteration ??
88340	H-8-1	-789.6	SED+V3B	S3G (ALT)	Fp-Qz-Mu-	1-2% diss. Py	(cc)	weak	Heterogeneous, light gray to off white, fine grained
88341	H-8-1	-811	LOW Zr	ALT (BOGREP)	Bo-Fp-Am-Gr-Ep	tr Py		mod.	Heterogeneous, dark brownish gray, medium grain with Gr and Bo porphyroblasts,
88342	J-8-2	-5.2	SED+V3B	S3G	Amp-Fp-Bo	nil	(QzEp)	weak	Homogeneous, dark green fine grained mafic
88343	J-8-2	-23.65	SED+V3B	ALT	Fp-Qz-Qmph-(Bo)	1-2% Py		mod.	Homogeneous light to medium gray, fine grain intermediate composition. Salt 'n Pepper
88344	J-8-2	-29.73	FP	Felsic FP?	Fp-Qz	1% Py		mod.	Homogeneous, pale gray, fine grained (rhyolite?) porphyritic ??
88345	J-8-2	-37.23	SED+V3B	S3G	Fp-Bo-Mu	tr			
88346	J-8-2	-41.11	SED+V3B	ALT SIAB	Fp-Qz-Mu	2% diss. Py		mod.	Homogeneous light green, fine grained, felsic composition
88347	J-8-2	-50.61	SED+V3B	S3G	Fp-Bo-Mv-Ep	nil	nil	mod.	light gray, well banded
88348	J-8-2	-61.1	LOW Zr	S3G	Fp-Bo-Am-Ep	nil	nil	mod.	medium gray, well banded
88349	J-8-2	-73.63	SED+V3B	ALT	Bo-Am-Gr	nil	(qz)	mod.	dark gray, 0.5-1mm garnet in a fine-grained bo-amph matrix
88350	J-8-2	-85.52	LOW Zr	ALT	Bo-Fp-Am-Ep	tr Py		mod.	Heterogeneous, dark brownish gray, medium grain with Bo porphyroblasts,
88451	N-13-7A	-3.45	BASALT	V3B (Alt)	Am-Bo-Fp	nil	Qz-Fp	Strong	Homogeneous, dark green brownish with Bo rich mm scale bands
88453	N-13-7A	-20.47	SED	S3G (V3B)	Fp-Am-(Bo)	nil	(Qz)	w+L166eak-	Homogeneous mid gray, fine to medium grained
88454	N-13-7A	-32.21	SED	S3G(V3B)	Fp-Am-Gr-Bo	NiKl	(Qz-Am)	mod.	Homogeneous, mid gray, fine grained with 3-5% 0.1mm garnet
88455	N-13-7A	-41.63	FP	I1 (FP)	Fp-Am-(Bo)	nil	nil	weak	Homogeneous, Salt 'n Pepper, porphyritic with 25% 0.5-2 mm Fp phenox in amph-(Bo) matrix
88456	N-13-7A	-48.25	SED	S3G	Fp-Am-Ep	nil	nil	mod.	Homogeneous, fine grained, mid gray with amphibole rich patch
88457	N-13-7A	-62.98	SED	S3G	Am-Fp-(Bo)	nil	nil	mod.	Dark gray, banded, fine grained
88458	N-13-7A	-78.98	SED	S3G (V3B)	Am-Fp	nil	Qz-Ab	weak	mid to dark gray, weakly banded fine grained
88459	N-13-7A	-96.33	SED	S7 ? (ALT SIAB?)	Qz-Fp (Mu-Bo)	nil	Ab	?	Banded with mm scale Bo-rich bands and quartz-rich bands, felsic to int.
88460	N-13-7A	-114.8	SED	ALT (S3G?)	Fp-Am-Bo	nil	nil	mod.-strong	Banded with mm scale Fp-rich bands and amp-bo rich bands
88461	N-13-7A	-129.8	BASALT	S3G	Fp-Bo-Am	tr Py	nil	Weak	
88462	N-13-7A	-144.7	FELSIC	I1-V1 ? (Porph)	Fp-Mu-Qz	2% diss. Py	Qz-Ep	mod.	Homogeneous, light green, fine grained
88463	N-13-7A	-142.6	FELSIC	V1-I1 ?	Qz-Mu-(Bo)	2% diss. Py	Qz	mod.	homogeneous, light green to light gray, very fine grained
88464	N-13-7A	-149.8	SED	S3G	Fp-Am-(Bo)	nil	Ep	mod.	Banded, fine grained, intermediate
88465	N-13-7A	-161.1	SED	S3G	Fp-Am-Bo	nil	Ep	weak-mod.	homogeneous, mid gray brownish, fine grained with 2-3% 0.5-2 mm Bo flakes
88466	N-13-7A	-168.6	FELSIC	I2 (Porph)	Fp-Am	nil	(Ep)	weak	Homogeneous, Salt 'n pepper color, 30-35% Fp phenox 1-2mm with amph flakes
88467	N-13-7A	-176	BASALT	V3B (Alt)	Am-(Bo)-(Fp)	nil	1-2% Fp	Strong	dark green, homogeneous, well foliated, fine grained
88468	N-13-7A	-190.9	PUSKASWA	Puskaswa?		nil	nil	mod.	Rose tache'te de noir
88469	N-13-7B	-4.54	BASALT	V3B	Am-Bo-Fp	nil	nil	mod.	Homogeneous, dark gray, fine-grained, patchy Bo alt
88470	N-13-7B	-22.48	SED	S3G	Fp-Am-Bo	nil	(ep)	weak	Homogeneous, medium gray, fine grained
88471	N-13-7B	-33.16	FP	I2 (FP)	Fp-Am-(Bo-Qz)	nil	QzAmph	weak	Homogeneous, medium grained with 40 % fp phenox and 15 % amphibole
88472	N-13-7B	-43.45	SED	S3G	Fp-Am-Bo	nil	(Ep)	weak-mod.	Homogeneous, medium gray, fine grained
88473	N-13-7B	-54.63	SED	S3G	Fp-Am-Bo-Gr	nil	nil	mod.	Homogeneous, fine grained, mm scale banding caused by variation in amph-bo amounts.
88474	N-13-7B	-72.34	SED	S3G?	Fp-Am-Bo-Ep	tr Py	nil	weak	Heterogeneous, medium gray, fine to medium grained, banding poorly defined
88475	N-13-7B	-86.32	SED	S3G ?	Fp-Am-Bo	tr. Py	(QzFp)	mod.	Heterogeneous with pale Fp rich bands and dark Amph-Bo rich bands, fine to medium grained
88476	N-13-7B	-107.5	BASALT	V3B	Fp Am-Bo	tr. Py	(QzFp)	mod.	Heterogeneous with pale Fp rich bands and dark Amph-Bo rich bands, fine to medium grained
88477	N-13-7B	-119.8	FELSIC	QP Mu	Qz-Fp-Mu (Bo)	1-3% diss. Py	nil	mod.-strong	light gray, homogeneous, fine-grained with 1-2% 1 mm qz phenox. 1-2 mm dark Bo bands.
88478	N-13-7B	-126.4	SED	S3G ?	Fp-Bo-Am	nil	QzBo	mod.	medium gray, homogeneous, fine-grained, with Bo-rich mm scale bands
88479	N-13-7B	-142.5	BASALT	V3B	Am-Bo-Fp	nil	1-2% QzFp	weak-mod.	dark greenish gray, homogeneous, fine grained, mafic
88480	N-13-7B	-149.2	BASALT	V3B	Am-Fp-Bo	nil	(Qz)(Ep)	mod.	grayish green, homogeneous, medium grained, mafic
88481	N-13-7	-142.4	SED	S3	qz-fp-bo-ep	nil	nil	weak	well banded with darker grey and greenish alternating bands
88482	N-13-7	-159.5	BASALT	V3B	qz-fp-Am-bo	nil	nil	weak	med to dark grey faint banding
88483	N-13-7	-164.4	FELSIC	S3	fp-mu-bo	tr py	nil	mod.	mm scale alternating dark and light bands
88484	N-13-7	-171.5	FELSIC	v1-v2?	fp-mu-qz	tr py	nil	weak-mod.	cream colored and shiny due to mica, rare qtz-eyes

## ANNEX II :

**WHITE RIVER PROPERTY**  
**1998 Lithochemical sampling**  
**Description**

#	Hole	Depth	Code	Rock type	Mineralogy	Mineralization	Veins	Deform.	Remarks
88485	N-13-7	-181.1	FELSIC	S3?-V1?	qz-fp-mu-bo	tr py		weak	cream colored, strongly silic, sounds nuts to call it S3 but could just be altered version of it?
88486	N-13-7	-187.2	SED	S3	fp-qz-bo-mu	nil		weak	strongly silic, pale grey, well banded
88487	N-13-7	-204.5	BASALT	?	bo-Am	nil		strong	well banded bo-amph bands kinked tightly
88488	N-13-4	-8.06	SED	S3G	Fp-Am-Bo-Ep	tr Py	FpQz (Ep)	mod.	Heterogeneous, lighth green to medium gray, fine to medium grained, well developed banding
88489	N-13-4	-23.55	SED	S3G	Fp-Am-Bo-Ep	nil	(Ep)	mod.	Heterogeneous, lighth green to medium gray, fine to medium grained, well developed banding
88490	N-13-4	-40.11	SED	S3G	Fp-Am-Bo-Ep	nil	Qz (Ep)	mod.	Heterogeneous, lighth green to medium gray, fine to medium grained, well developed banding
88491	N-13-4	-55.61	FELSIC	ALT Mu	Fp-Mu-Bo	1-2% diss. Py	nil	strong	Heterogeneous, off white to light brown, well defined banding caused by Mu rich bands and Bo rich bands
88492	N-13-4	-63.94	FELSIC	ALT (felsic rock)	Qz-Fp-(Mu-Bo)	1% diss. Py	nil	weak-mod.	Homogeneous, light gray with mm scale bo rich bands (1-3%)
88493	N-13-4	-82.13	BASALT	V3B	Am-Bo	tr Py	10% FpQz	strong	Heterogeneous look caused by mm scale Fp-Qz veins (10%), dark green fine grained, mafic
88494	N-13-4	-103.6	BASALT	V3B	Am-Fp-(Bo)	nil	1% Fp (Ep)	mod.-strong	Homogeneous, dark gray, green, fine grained, mafic
88495	N-13-7	-12.62	SED	S3	fp-bo	tr py		weak	well developed fol'n, homogen
88496	N-13-7	-42.42	SED	S3	fp-qz-Am-bo-ep	nil		weak	well banded, fine-med grained
88497	N-13-7	-52.76	FP	I2	fp-qz-bo-ep	tr py		weak	pink and white feldspar porphyritic intrusive
88498	N-13-7	-75.27	SED	S3	fp-bo	tr py		weak	well developed fol'n, homogen
88499	N-13-7	-97.42	SED	S3	fp-Am-bo	tr py		weak	well banded, f-med grained
88500	M-11-2	-8.92	BASALT	V3B?	Am-Bo-Fp	nil	(qz)	mod.	Homogeneous, dark green black, fine to medium grained, mafic?

## Annex III

### Laboratory certificate analysis



# Intertek Testing Services Chimitec

1 d'Or, PQ, Canada

**" U R G E N T & C O N F I D E N T I A L "**

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO.  
Attention: Mms. C. Perry  
Reference: 161356  
Submitter: M. MAGNAN

Our Fax No: (819) 825-0256  
Your Fax No: 757-2428  
Number of Pages: 2 including this page.

Report: C98-61621.1      Status: COMPLETE      Total number of samples: 43

Element Method	Totl	Element Method	Totl	Element Method	Totl
Hg	43	ABSORPTION ATOMIQUE			

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
T QUE RECU	43	CAROTTE DE FORAGE	43	-150	43	

Notes:

If you do not receive the entire transmission in legible form, please call us at (819) 825-0178.





# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61621.1 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1 DE 1

NUMERO DE L'ECHANTILLON	ELEMENT UNITES	Hg PPM	NUMERO DE L'ECHANTILLON	ELEMENT UNITES	Hg PPM
-088293		<0.010	A-088333		0.011
-088294		<0.010	A-088334		<0.010
A-088295		<0.010	A-088335		<0.010
A-088296		<0.010			
-088297		<0.010			
A-088298		0.011			
-088299		<0.010			
-088300		0.015			
A-088301		0.013			
A-088302		<0.010			
-088303		<0.010			
A-088304		<0.010			
-088305		<0.010			
-088306		<0.010			
A-088307		0.011			
-088308		<0.010			
-088309		<0.010			
A-088310		<0.010			
-088311		0.012			
-088312		<0.010			
A-088313		<0.010			
-088314		<0.010			
A-088315		<0.010			
A-088316		0.010			
-088317		<0.010			
A-088318		<0.010			
-088319		<0.010			
-088320		<0.010			
A-088321		0.010			
A-088322		0.013			
-088323		<0.010			
A-088324		0.012			
-088325		<0.010			
-088326		<0.010			
A-088327		0.013			
-088328		0.010			
-088329		<0.010			
A-088330		0.014			
-088331		0.023			
-088332		0.029			



**Intertek Testing Services**  
**Chimitec**

Val d'Or, PQ, Canada

**" U R G E N T & C O N F I D E N T I A L "**

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLORATION  
 Attention : Mme. C. Perry  
 Reference : 161356  
 Submitter : M. MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages : 2 including this page.

Report : C98-61614.1      Status : COMPLETE      Total number of samples: 42

Element Method	Totl	Element Method	Totl	Element Method	Totl
Hg ABSORPTION ATOMIQUE	42				

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
T QUE RECU	42	CAROTTE DE FORAGE	42	-150	42	

Notes:

If you do not receive the entire transmission in legible form, please call us at (819) 825-0178.



# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61614.1 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1 DE 1

NUMERO DE L'ECHANTILLON	ELEMENT UNITES	Hg PPM
1088251		<0.010
1088252		<0.010
A-088253		<0.010
A-088254		<0.010
1088255		<0.010
A-088256		<0.010
1088257		<0.010
1088258		0.011
A-088259		<0.010
A-088260		<0.010
A-088261		<0.010
A-088262		<0.010
1088263		<0.010
1088264		<0.010
A-088265		<0.010
1088266		<0.010
A-088267		<0.010
A-088268		<0.010
1088269		<0.010
1088270		0.019
1088271		<0.010
1088272		<0.010
A-088273		0.022
A-088274		<0.010
1088275		0.010
A-088276		0.013
1088277		0.010
1088278		0.011
A-088279		0.048
A-088280		<0.010
1088281		<0.010
A-088282		<0.010
1088283		<0.010
1088284		0.015
A-088285		<0.010
1088286		0.011
1088287		0.013
A-088288		<0.010
1088289		0.015
1088290		<0.010

NUMERO DE L'ECHANTILLON	ELEMENT UNITES	Hg PPM
A-088291		<0.010
A-088292		<0.010



**Intertek Testing Services**  
Chimitec

11 d'Or, PQ, Canada

**" U R G E N T & C O N F I D E N T I A L "**

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLORATION  
 Attention: Mme. C. Perry  
 Reference: 161356  
 Submitter: M. MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages: 7 including this page.

Report: C98-61621.0 Status: COMPLETE Total number of samples: 43

Element Method	Totl	Element Method	Totl	Element Method	Totl
Au30 30g Pyroanalyse - AA	43	Cu ABSORPTION ATOMIQUE	43	Zn ABSORPTION ATOMIQUE	43
Ag ABSORPTION ATOMIQUE	43	SiO2 INDUC. COUP. PLASMA	43	TiO2 INDUC. COUP. PLASMA	43
Al2O3 INDUC. COUP. PLASMA	43	Fe2O3* INDUC. COUP. PLASMA	43	MnO INDUC. COUP. PLASMA	43
MgO INDUC. COUP. PLASMA	43	CaO INDUC. COUP. PLASMA	43	Na2O INDUC. COUP. PLASMA	43
K2O INDUC. COUP. PLASMA	43	P2O5 INDUC. COUP. PLASMA	43	LOI GRAVIMETRIE	43
Total	43	Ba INDUC. COUP. PLASMA	43	Cr INDUC. COUP. PLASMA	43
Sr INDUC. COUP. PLASMA	43	Zr XRAY FLDRESCENCE	43	Y XRAY FLDRESCENCE	43
Mo ABSORPTION ATOMIQUE	43	V ABSORPTION ATOMIQUE	43	As ACT. NEUTRONIQUE	43
Sb ACT. NEUTRONIQUE	43	Sn XRAY FLDRESCENCE	43		

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
C CASSER, PULVERISE	43	CAROTTE DE FORAGE	43	-150	43	

Notes:

If you do not receive the entire transmission in legible form, please call us at (819) 825-0178.

# ITS Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET : 755

RAPPORT : C98-61621.0 ( COMPLET )

DATE RECU : 30-JUN-98

DATE DE L'IMPRESSION : 18-JAN-99

PAGE 1A ( 1 / 6 )

NUMERO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT
-088293		<5	42	60	0.3	62.96	0.55	16.32	5.17	0.08	2.73	3.01	4.59
-088294		<5	35	86	0.2	68.07	0.47	16.34	4.19	0.07	2.09	3.21	3.04
A-088295		<5	56	93	0.3	62.37	0.56	16.91	5.01	0.08	3.04	4.23	4.56
A-088296		<5	123	79	0.2	49.62	0.90	14.38	10.70	0.17	9.63	6.59	2.36
-088297		<5	34	52	0.2	63.66	0.45	16.33	3.97	0.06	2.65	2.66	5.60
A-088298		<5	75	77	0.3	57.28	0.73	16.50	7.68	0.11	4.65	6.36	3.51
-088299		12	49	66	0.2	66.90	0.49	17.11	4.19	0.07	2.37	3.37	2.15
-088300		<5	51	81	0.4	64.83	0.63	18.19	4.51	0.04	1.27	1.87	3.23
A-088301		<5	11	55	<0.1	69.30	0.50	18.56	1.16	0.01	0.60	2.00	5.40
A-088302		<5	10	84	0.2	66.20	0.55	16.74	3.46	0.04	1.40	3.16	5.51
-088303		<5	11	99	0.2	64.46	0.63	17.37	3.79	0.04	1.27	3.63	5.68
A-088304		<5	7	115	0.2	68.01	0.48	16.63	2.51	0.03	0.71	2.53	6.03
088305		<5	36	65	0.2	63.64	0.53	15.90	4.95	0.07	3.15	4.13	4.89
088306		<5	37	73	<0.1	63.94	0.51	16.05	4.78	0.07	3.07	4.48	4.55
A-088307		<5	43	85	0.2	65.09	0.49	15.99	4.60	0.06	2.79	3.75	4.18
088308		<5	36	46	0.3	65.63	0.45	15.95	3.84	0.05	2.35	3.05	6.28
A-088309		<5	44	68	0.2	61.56	0.56	16.09	5.57	0.09	3.85	3.84	5.07
A-088310		<5	18	89	0.2	64.77	0.52	16.96	3.44	0.04	1.39	3.63	5.57
088311		<5	25	46	0.4	64.56	0.38	15.41	3.36	0.06	2.21	4.56	5.40
088312		<5	7	32	<0.1	63.23	0.37	16.62	4.07	0.06	2.45	2.99	6.55
-088313		<5	70	60	<0.1	62.43	0.55	16.09	5.50	0.08	3.30	3.77	4.16
088314		<5	44	78	<0.1	64.20	0.48	16.96	4.25	0.07	2.44	3.70	4.54
A-088315		<5	43	92	<0.1	66.90	0.46	16.16	3.52	0.05	1.90	3.00	4.68
A-088316		<5	65	59	0.2	60.40	0.61	16.11	5.63	0.09	2.94	5.18	5.17
088317		<5	58	91	<0.1	65.00	0.54	16.26	5.06	0.07	2.53	2.82	4.88
A-088318		<5	47	97	<0.1	67.67	0.50	15.93	4.27	0.06	2.64	2.53	2.57
-088319		<5	65	156	<0.1	62.83	0.66	16.36	6.00	0.09	3.31	3.91	4.32
088320		<5	47	92	<0.1	62.84	0.62	16.51	5.82	0.10	3.33	3.15	4.02
A-088321		<5	61	82	<0.1	64.67	0.64	17.29	5.33	0.07	2.46	3.56	2.95
A-088322		<5	54	46	<0.1	59.02	0.66	17.13	5.53	0.09	2.82	4.78	5.72
088323		<5	121	63	<0.1	49.25	0.89	12.94	11.50	0.20	10.44	8.20	2.16
A-088324		<5	47	70	<0.1	64.47	0.46	15.98	4.08	0.06	2.75	3.56	4.71
088325		<5	44	57	<0.1	62.30	0.52	15.95	4.95	0.09	3.31	5.15	5.01
088326		<5	42	79	0.2	68.34	0.41	14.88	3.92	0.05	2.02	3.21	3.48
A-088327		<5	37	67	<0.1	65.42	0.38	16.28	4.07	0.06	2.11	3.67	4.31
088328		105	35	65	<0.1	68.67	0.39	14.71	3.56	0.06	2.50	4.61	1.14
088329		<5	46	85	<0.1	65.99	0.57	16.60	5.23	0.07	1.20	2.09	5.03
A-088330		<5	65	82	0.2	60.04	0.96	18.77	7.61	0.15	1.95	2.93	3.79
088331		<5	41	93	0.2	65.55	0.53	16.78	3.63	0.06	1.68	2.61	3.98
088332		<5	22	34	<0.1	55.15	0.34	11.59	3.09	0.02	0.89	14.99	2.78



# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61621.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1B ( 2/ 6 )

NU L'	RO DE ECHANTILLON	ÉLÉMENT UNITÉS	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr PPM	Sr PPM	Zr PPM	Y PPM	Mo PPM	V PPM	As PPM
	-088293		2.93	0.23	1.76	100.58	1179	290	1081	162	10	3	78	<1.0
	-088294		2.17	0.15	0.98	100.91	497	242	519	133	9	3	80	<1.0
A-	088295		2.30	0.29	0.84	100.59	1667	236	2028	244	16	3	86	<1.0
A-	088296		4.29	0.34	1.64	100.87	1557	483	459	85	15	3	172	1.4
	-088297		3.06	0.24	1.69	100.50	643	192	600	146	9	2	57	<1.0
A-	088298		1.85	0.31	1.44	100.64	837	295	1106	122	13	2	135	<1.0
	-088299		2.17	0.23	1.13	100.34	637	248	687	150	10	3	74	11.0
	-088300		3.48	0.26	2.03	100.56	947	275	920	175	13	2	47	3.8
A-	088301		1.77	0.16	1.03	100.66	521	161	941	180	7	2	16	1.8
A-	088302		2.66	0.19	0.63	100.78	954	153	1183	187	7	<1	45	1.6
A-	088303		2.58	0.26	0.54	100.50	1040	153	1258	220	8	2	47	<1.0
A-	088304		2.92	0.18	0.29	100.55	1022	144	1154	232	4	<1	32	<1.0
	088305		1.80	0.19	0.73	100.19	663	293	1021	157	11	2	75	1.9
	088306		1.81	0.21	0.58	100.27	666	268	1207	167	12	3	76	1.5
A-	088307		2.24	0.22	0.70	100.30	669	286	885	160	11	2	92	<1.0
	088308		1.23	0.19	1.28	100.45	501	204	753	151	10	2	48	2.7
A-	088309		2.54	0.23	0.89	100.45	748	300	605	145	11	2	88	2.3
A-	088310		2.88	0.20	0.84	100.49	1065	137	1250	194	5	2	42	1.7
	088311		2.11	0.17	1.80	100.17	729	224	716	131	8	2	45	<1.0
	088312		1.99	0.17	1.99	100.63	410	194	652	123	7	<1	45	2.6
A-	088313		3.22	0.25	0.93	100.49	1250	254	650	144	12	3	66	<1.0
	088314		2.04	0.16	0.93	99.98	602	268	1105	136	8	2	91	<1.0
A-	088315		2.14	0.19	1.24	100.48	1031	223	1148	157	10	2	89	<1.0
A-	088316		2.71	0.37	1.21	100.70	971	221	1609	207	14	4	68	1.6
	088317		1.76	0.21	1.13	100.46	658	299	926	151	10	3	113	<1.0
A-	088318		2.41	0.13	1.63	100.52	661	326	641	133	9	5	103	<1.0
	088319		1.44	0.21	0.98	100.28	515	346	719	152	13	2	118	1.5
	088320		2.18	0.22	1.61	100.57	586	300	650	150	11	2	123	<1.0
A-	088321		2.27	0.16	1.21	100.74	431	301	540	142	12	4	141	2.0
A-	088322		2.13	0.40	1.78	100.39	1649	161	1562	260	20	2	65	2.7
	088323		3.01	0.24	1.63	100.63	690	613	575	73	16	3	148	1.4
A-	088324		2.04	0.24	1.69	100.21	929	224	571	142	10	2	74	1.5
	088325		1.54	0.18	1.02	100.16	439	253	748	127	11	2	78	1.4
	088326		2.50	0.16	1.06	100.19	684	190	671	136	8	9	73	1.3
A-	088327		1.90	0.14	1.75	100.26	619	399	655	126	9	2	52	3.9
	088328		2.57	0.18	2.20	100.72	495	240	624	133	8	3	51	15.0
	088329		2.11	0.19	1.11	100.34	583	311	589	149	13	3	81	<1.0
A-	088330		2.20	0.11	1.88	100.54	412	193	910	149	16	2	188	64.0
	088331		2.29	0.19	1.98	99.43	744	196	644	181	14	2	57	73.0
	088332		2.05	0.10	8.24	99.45	1154	155	636	100	7	3	33	18.0





# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO.

PROJET: 755

RAPPORT: C98-61621.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1C( 3/ 6)

NUMERO DE L'ÉCHANTILLON	ÉLÉMENT UNITES	Sb PPM	Sn PPM
-088293		<0.2	<4
-088294		<0.2	6
A-088295		<0.2	<4
A-088296		<0.2	7
-088297		<0.2	<4
A-088298		<0.2	<4
-088299		<0.2	<4
-088300		<0.2	<4
A-088301		<0.2	<4
A-088302		<0.2	<4
A-088303		<0.2	<4
A-088304		<0.2	<4
-088305		<0.2	<4
-088306		<0.2	<4
A-088307		<0.2	<4
088308		<0.2	<4
A-088309		<0.2	<4
A-088310		<0.2	<4
088311		<0.2	<4
088312		<0.2	<4
-088313		<0.2	<4
088314		<0.2	<4
A-088315		<0.2	<4
A-088316		<0.2	<4
088317		<0.2	<4
A-088318		<0.2	<4
-088319		<0.2	<4
088320		<0.2	<4
A-088321		<0.2	<4
A-088322		<0.2	6
088323		<0.2	<4
A-088324		<0.2	<4
088325		<0.2	<4
088326		<0.2	<4
A-088327		<0.2	<4
088328		0.8	<4
088329		<0.2	<4
A-088330		<0.2	<4
088331		0.5	<4
088332		0.9	<4



# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61621.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 2A ( 4 / 6 )

NUM O DE L'Échantillon	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT
088333		<5	70	106	<0.1	59.52	0.74	15.61	8.73	0.12	5.59	2.51	2.64
088334		<5	18	73	0.2	67.09	0.47	16.77	3.36	0.05	1.18	3.23	6.29
A-088335		<5	36	41	<0.1	58.74	0.75	15.78	8.79	0.13	6.34	3.99	3.56



# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61621.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 2B ( 5/ 6 )

NUM O DE	ÉLÉMENT	K2O	P2O5	LOI	Total	Ba	Cr	Sr	Zr	Y	Mo	V	As
L'échantillon	UNITÉS	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
088333		2.54	0.15	1.73	100.04	513	797	293	106	14	2	186	<1.0
088334		0.87	0.26	0.89	100.77	1444	181	1357	251	11	<1	42	<1.0
A-088335		1.16	0.14	0.73	100.21	246	657	244	96	14	4	146	<1.0



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PROJET : 755

RAPPORT : C98-61621.0 ( COMPLET )

DATE RECU : 30-JUN-98

DATE DE L'IMPRESSION : 18-JAN-99

PAGE 2C ( 6/ 6)

NUM O DE	ÉLÉMENT	Sb	Sn
L'échantillon	UNITÉS	PPM	PPM
088333		<0.2	<4
088334		<0.2	<4
A-088335		<0.2	<4



# Intertek Testing Services Chimitec

1 d'Or, PQ, Canada

" U R G E N T & C O N F I D E N T I A L "

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.  
 Attention : Mme. C. Perry  
 Reference : 161356  
 Submitter : M. MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages : 4 including this page.

Report : C98-61622.0      Status : COMPLETE      Total number of samples: 19

Element Method	Totl	Element Method	Totl	Element Method	Totl
Au30 30g Pyroanalyse - AA	19	Aupulp PYRO ANALYSE	1	Cu ABSORPTION ATOMIQUE	19
Zn ABSORPTION ATOMIQUE	19	Ag ABSORPTION ATOMIQUE	19	SiO2 INDUC. COUP. PLASMA	19
TiO2 INDUC. COUP. PLASMA	19	Al2O3 INDUC. COUP. PLASMA	19	Fe2O3* INDUC. COUP. PLASMA	19
MnO INDUC. COUP. PLASMA	19	MgO INDUC. COUP. PLASMA	19	CaO INDUC. COUP. PLASMA	19
Na2O INDUC. COUP. PLASMA	19	K2O INDUC. COUP. PLASMA	19	P2O5 INDUC. COUP. PLASMA	19
LOI GRAVIMETRIE	19	Total	19	Ba INDUC. COUP. PLASMA	19
Cr INDUC. COUP. PLASMA	19	Sr INDUC. COUP. PLASMA	19	Zr XRAY FLUORESCENCE	19
Y XRAY FLUORESCENCE	19	Mo ABSORPTION ATOMIQUE	19	V ABSORPTION ATOMIQUE	19
As ACT. NEUTRONIQUE	19	Sb ACT. NEUTRONIQUE	19	Sn XRAY FLUORESCENCE	19
Hg ABSORPTION ATOMIQUE	19				

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
CASSER, PULVERISE	19	CAROTTE DE FORAGE	19	-150	19	

No 35:

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# ITS Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61622.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1A( 1/ 3)

NUMERO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Aulp G/T	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT
-088481		6		18	84	<0.1	63.52	0.80	17.09	4.30	0.08	1.62	5.38
-088482		7		142	90	<0.1	55.67	1.48	14.96	14.02	0.25	2.30	6.84
A-088483		<5		8	29	0.3	69.87	0.24	16.45	2.05	0.03	1.68	3.08
A-088484		6		7	49	<0.1	72.32	0.21	15.44	2.38	0.05	1.27	1.69
-088485		532	0.62	47	43	8.4	70.18	0.23	17.48	1.87	0.02	0.38	3.22
A-088486		18		30	61	0.9	67.42	0.46	14.99	3.64	0.05	1.64	3.71
-088487		<5		177	57	0.2	45.66	1.22	8.26	14.87	0.19	16.30	7.89
-088488		7		61	52	<0.1	63.60	0.48	15.43	4.90	0.11	2.57	5.81
A-088489		<5		49	45	<0.1	64.12	0.49	15.25	5.11	0.08	2.76	5.65
A-088490		<5		24	87	<0.1	64.43	0.69	15.88	5.77	0.10	1.66	4.28
A-088491		12		10	34	0.6	72.32	0.23	15.68	1.90	0.03	1.39	2.86
A-088492		7		25	198	5.7	69.21	0.22	16.68	2.27	0.02	0.42	3.81
088493		<5		186	32	<0.1	49.38	0.84	15.18	11.97	0.23	6.73	12.14
088494		<5		78	44	<0.1	48.13	0.77	14.27	12.43	0.22	6.86	12.56
A-088495		<5		30	135	<0.1	63.82	0.56	15.55	5.93	0.10	3.40	6.75
088496		<5		8	70	<0.1	66.04	0.54	15.44	5.27	0.07	2.38	4.54
A-088497		<5		34	54	<0.1	65.97	0.40	16.11	3.64	0.05	1.81	3.55
A-088498		<5		20	67	<0.1	66.48	0.55	15.25	5.13	0.07	2.41	3.79
088499		<5		53	63	<0.1	61.15	0.59	15.31	5.68	0.09	3.94	5.49





# Intertek Testing Services

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61622.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1B ( 2/ 3 )

NUMERO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr PPM	Sr PPM	Zr PPM	Y PPM	Mo PPM	V PPM
088481		3.80	2.36	0.27	1.14	100.48	584	165	543	191	19	6	66
088482		2.92	0.56	0.14	0.64	99.84	181	182	124	97	34	3	282
A-088483		2.11	2.60	0.06	1.59	99.84	433	202	274	114	4	16	12
A-088484		1.36	3.34	0.05	2.36	100.55	432	264	92	91	6	5	6
088485		2.90	2.71	0.05	1.39	100.56	508	208	642	119	2	3	<4
A-088486		4.04	3.36	0.20	0.80	100.56	1240	152	1165	178	8	2	44
088487		0.70	2.80	0.08	2.22	100.42	266	2088	54	59	11	2	122
088488		4.18	1.93	0.19	1.29	100.65	675	223	740	147	12	5	49
A-088489		3.16	2.81	0.12	0.94	100.58	442	287	296	138	12	2	45
A-088490		4.22	1.78	0.23	0.59	99.75	543	220	541	174	18	2	101
A-088491		1.67	2.32	0.06	1.96	100.51	372	196	290	117	5	3	12
A-088492		3.80	2.58	0.08	0.89	100.13	601	173	839	119	1	7	17
088493		2.69	0.45	0.07	0.78	100.50	50	327	128	46	15	2	88
088494		2.36	0.62	0.07	0.84	99.18	38	292	151	45	15	2	83
A-088495		1.40	1.61	0.14	0.93	100.31	554	247	302	145	17	5	71
088496		3.29	1.94	0.22	0.75	100.58	435	217	422	165	18	5	71
A-088497		5.36	2.59	0.18	0.69	100.59	1083	177	1152	153	5	2	37
A-088498		3.36	2.15	0.17	0.63	100.09	392	200	468	169	17	3	87
088499		3.97	2.04	0.19	1.22	99.86	608	246	848	143	11	2	71



**Intertek Testing Services**  
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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61622.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1C( 3/ 3)

NUM O DE	ÉLÉMENT	As	Sb	Sn	Hg
L'é	UNITÉS	PPM	PPM	PPM	PPM
088481		<1.0	<0.2	<4	<0.010
088482		<1.0	<0.2	5	<0.010
A-088483		<1.0	<0.2	<4	0.010
A-088484		<1.0	<0.2	<4	<0.010
088485		1.3	0.4	<4	0.011
A-088486		<1.0	<0.2	4	<0.010
088487		<1.0	<0.2	6	<0.010
088488		<1.0	<0.2	<4	<0.010
A-088489		<1.0	<0.2	<4	<0.010
A-088490		1.1	<0.2	<4	<0.010
A-088491		<1.0	<0.2	<4	<0.010
A-088492		3.1	<0.2	<4	<0.010
088493		<1.0	<0.2	6	<0.010
088494		<1.0	<0.2	<4	<0.010
A-088495		<1.0	<0.2	6	<0.010
088496		<1.0	<0.2	<4	<0.010
A-088497		<1.0	0.4	<4	<0.010
A-088498		<1.0	<0.2	4	<0.010
088499		<1.0	0.3	<4	<0.010



**Intertek Testing Services**  
Chimitec

1 d'Or, PQ, Canada

**" U R G E N T & C O N F I D E N T I A L "**

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO.  
 Attention : Mme. C. Perry  
 Reference : 161355  
 Submitter : P. MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages : 2 including this page.

Report : C98-61615.1      Status : COMPLETE      Total number of samples: 4

Element Method	Totl	Element Method	Totl	Element Method	Totl
Ag ABSORPTION ATOMIQUE	3	Zn ABSORPTION ATOMIQUE	2		

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
9 ANT. DE RESERVE	9	CAROTTE DE FORAGE	4	-150	4	

Notes:

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**Intertek Testing Services**  
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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61615.1 ( COMPLET )

DATE RECU: 06-JUL-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1 DE 1

NO	RO DE	ÉLÉMENT	Ag	Zn
L'	HANTILLON	UNITÉS	G/T	PCT
	-088420		330.4	4.87
	-088422			2.65
	A-088428		55.4	
	A-088430		154.5	



# Intertek Testing Services Chimitec

Val d'Or, PQ, Canada

" U R G E N T & C O N F I D E N T I A L "

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLORATION  
 Attention: Mme. C. Perry  
 Reference: 161356  
 Submitter: M. MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages: 4 including this page.

Report: C98-61620.0      Status: COMPLETE      Total number of samples: 24

Element Method	Totl	Element Method	Totl	Element Method	Totl
Au30 30g Pyroanalyse - AA	24	Cu ABSORPTION ATOMIQUE	24	Zn ABSORPTION ATOMIQUE	24
Ag ABSORPTION ATOMIQUE	24	SiO2 INDUC. COUP. PLASMA	24	TiO2 INDUC. COUP. PLASMA	24
Al2O3 INDUC. COUP. PLASMA	24	Fe2O3* INDUC. COUP. PLASMA	24	MnO INDUC. COUP. PLASMA	24
MgO INDUC. COUP. PLASMA	24	CaO INDUC. COUP. PLASMA	24	Na2O INDUC. COUP. PLASMA	24
K2O INDUC. COUP. PLASMA	24	P2O5 INDUC. COUP. PLASMA	24	LOI GRAVIMETRIE	24
Total	24	Ba INDUC. COUP. PLASMA	24	Cr INDUC. COUP. PLASMA	24
Sr INDUC. COUP. PLASMA	24	Zr XRAY FLUORESCENCE	24	Y XRAY FLUORESCENCE	24
Mo ABSORPTION ATOMIQUE	24	V ABSORPTION ATOMIQUE	24	As ACT. NEUTRONIQUE	24
Sb ACT. NEUTRONIQUE	24	Sn XRAY FLUORESCENCE	24		

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
C CASSER, PULVERISE	24	CAROTTE DE FORAGE	24	-150	24	

Notes:

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# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61620.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1A ( 1 / 3 )

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT
088001		<5	55	55	<0.1	67.69	0.56	15.85	3.67	0.05	1.64	4.69	4.22
088002		<5	74	62	<0.1	60.10	0.71	14.52	9.09	0.12	6.02	3.29	2.68
A-088003		<5	78	49	<0.1	57.81	0.68	14.19	13.71	0.13	6.14	2.89	2.59
A-088004		<5	6	29	<0.1	69.41	0.41	14.21	2.63	0.03	1.00	2.58	5.11
088005		<5	52	114	<0.1	63.53	0.65	16.35	5.83	0.06	3.09	2.35	4.52
A-088006		<5	52	106	<0.1	62.93	0.69	16.47	5.78	0.06	3.04	2.51	4.76
088007		6	56	100	0.2	63.49	0.60	15.55	5.34	0.07	2.89	3.23	3.91
088008		<5	81	98	<0.1	64.65	0.60	15.58	5.45	0.06	2.79	2.87	4.04
A-088009		<5	53	19	<0.1	62.22	0.42	13.96	4.42	0.06	1.81	3.22	0.79
A-088336		181	43	67	<0.1	65.70	0.45	14.56	3.72	0.06	2.54	4.50	2.48
A-088337		10	75	79	<0.1	58.78	0.54	14.56	7.97	0.14	4.31	7.25	1.32
A-088338		<5	30	55	<0.1	68.37	0.42	15.16	2.63	0.02	0.62	3.80	4.63
088339		<5	28	33	<0.1	67.54	0.38	13.78	2.43	0.01	0.50	7.05	1.88
088340		11	33	67	<0.1	70.41	0.48	14.04	3.58	0.02	1.14	1.63	3.75
A-088341		<5	87	77	<0.1	61.03	0.67	15.95	7.82	0.09	5.88	2.68	2.40
A 88342		6	56	93	<0.1	64.72	0.60	16.78	4.40	0.07	1.60	2.99	4.78
A-088343		<5	26	26	<0.1	64.93	0.45	15.06	3.41	0.09	1.77	4.42	5.75
A-088344		<5	21	43	<0.1	63.66	0.41	14.57	2.58	0.05	1.19	6.29	3.93
A 88345		<5	43	53	<0.1	66.89	0.58	16.65	4.03	0.05	1.84	1.72	3.13
A 88346		<5	42	97	<0.1	65.15	0.63	16.66	4.41	0.02	0.98	3.15	3.42
A 88347		<5	43	64	<0.1	66.98	0.68	16.57	4.72	0.06	1.96	1.82	2.45
A 88348		<5	51	92	<0.1	63.08	0.70	15.10	7.10	0.10	4.04	2.22	3.58
A-088349		<5	48	36	<0.1	63.48	0.63	15.91	9.21	0.12	2.63	2.66	2.16
A-088350		<5	52	78	<0.1	61.87	0.67	15.85	7.05	0.07	5.94	2.89	2.64



**Intertek Testing Services**  
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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61620.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1B ( 2/ 3)

NUM O DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr PPM	Sr PPM	Zr PPM	Y PPM	Mo PPM	V PPM	As PPM
088001		0.67	0.18	0.69	100.17	960	170	1559	184	9	5	58	<1.0
088002		1.44	0.09	1.44	99.64	332	728	212	92	15	4	175	<1.0
A-088003		1.37	0.20	0.55	100.39	373	588	334	88	15	3	130	<1.0
A-088004		3.05	0.17	1.43	100.27	1592	164	749	184	9	2	28	<1.0
088005		2.56	0.19	1.14	100.45	865	367	534	150	14	4	150	<1.0
A-088006		2.66	0.19	0.94	100.19	752	330	457	161	15	3	142	<1.0
088007		2.55	0.18	2.07	100.07	769	315	726	156	13	4	92	<1.0
088008		2.42	0.18	1.71	100.53	859	358	668	151	12	4	106	<1.0
A-088009		11.11	0.17	1.42	99.72	727	136	329	114	9	2	47	<1.0
A-088336		3.25	0.21	2.23	99.84	618	242	530	130	10	3	61	9.4
A-088337		2.17	0.21	2.96	100.37	683	289	453	146	16	2	50	2.6
A-088338		2.90	0.14	1.39	100.27	1122	198	716	124	10	2	30	5.9
088339		2.85	0.10	3.24	99.97	1123	197	636	125	8	4	22	20.0
088340		2.05	0.14	2.45	99.84	851	244	438	140	11	3	18	36.0
A-088341		1.94	0.10	2.08	100.76	380	609	211	95	12	3	165	<1.0
088342		2.66	0.30	0.89	100.01	1327	184	898	262	19	3	84	2.3
A-088343		2.84	0.19	0.99	100.22	1555	157	1352	165	11	2	24	5.2
A-088344		3.67	0.13	3.27	100.00	1169	185	1156	128	8	3	25	29.0
088345		2.67	0.19	1.76	99.68	770	250	749	180	13	3	54	53.0
088346		2.54	0.19	3.22	100.56	941	224	653	180	11	3	23	44.0
088347		2.56	0.16	1.82	99.92	542	297	610	172	13	3	69	1.3
088348		2.83	0.14	1.22	100.25	526	562	310	114	12	3	156	<1.0
A-088349		1.97	0.13	0.85	99.85	410	325	265	128	12	4	116	7.7
A-088350		1.16	0.11	2.17	100.52	265	551	215	103	12	4	156	<1.0



# Intertek Testing Services

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61620.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1C( 3/ 3)

NUMERO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Sb PPM	Sn PPM
088001		<0.2	<4
088002		<0.2	<4
A-088003		<0.2	4
A-088004		<0.2	<4
088005		<0.2	<4
A-088006		<0.2	<4
088007		<0.2	<4
088008		<0.2	<4
A-088009		<0.2	<4
A-088336		<0.2	<4
A-088337		0.8	9
A-088338		1.5	<4
088339		1.2	<4
088340		<0.2	<4
A-088341		<0.2	8
088342		<0.2	<4
A-088343		1.0	<4
A-088344		1.2	<4
088345		<0.2	<4
088346		<0.2	<4
088347		<0.2	<4
088348		<0.2	<4
A-088349		<0.2	<4
A-088350		<0.2	<4





# Intertek Testing Services

## Chimitec

Val d'Or, PQ, Canada

" U R G E N T & C O N F I D E N T I A L "

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.  
 Attention : Mme. C. Perry  
 Reference : 161355  
 Submitter : P. MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages : 3 including this page.

Report : C98-61615.0                      Status : COMPLETE                      Total number of samples: 27

Element Method	Totl	Element Method	Totl	Element Method	Totl
Au30 30g Pyroanalyse - AA	27	Aupulp PYRO ANALYSE	5	Cu ABSORPTION ATOMIQUE	27
Zn ABSORPTION ATOMIQUE	27	ZnOL ABSORPTION ATOMIQUE	2	Ag ABSORPTION ATOMIQUE	27
AgOL ABSORPTION ATOMIQUE	3	As ACT. NEUTRONIQUE	27	Sb ACT. NEUTRONIQUE	27
Mo ABSORPTION ATOMIQUE	27	V ABSORPTION ATOMIQUE	27	Hg ABSORPTION ATOMIQUE	27
Sr XRAY FLUORESCENCE	27				

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
CASSER, PULVERISE	27	CAROTTE DE FORAGE	27	-150	27	

Notes:

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# ITS Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61615.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1A ( 1 / 2 )

NUM O DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PFB	Aupulp G/T	Cu PPM	Zn PPM	ZnOL PCT	Ag PPM	AgOL PPM	As PPM	Sb PPM	Mo PPM	V PPM	Hg PPM
088417		331		168	12454		34.8		49.0	14.0	2	<4	0.801
088418		141		380	4717		19.8		6.0	2.1	3	7	0.225
A-088419		1963	2.34	232	6299		46.3		8.8	7.1	4	<4	0.225
088420		371		5458	>20000	4.6	>50.0	294	21.0	100.0	5	5	1.723
088421		111		99	12865		9.6		25.0	4.0	9	5	0.360
A-088422		202		161	>20000	2.5	7.5		23.0	4.3	3	<4	0.795
088423		6		19	127		0.8		<1.0	0.5	3	<4	0.016
088424		647	0.68	1472	5237		41.5		14.0	7.3	5	5	0.179
A-088425		1150	1.16	53	4468		49.4		22.0	11.0	9	<4	0.164
088426		207		116	15596		25.7		36.0	13.0	3	<4	0.609
A-088427		155		540	44		8.9		8.0	<0.2	2	12	0.019
A-088428		1337	0.82	1204	2971		>50.0	53	5.9	3.6	6	6	0.161
088429		66		53	8481		8.4		6.5	0.9	2	8	0.295
088430		21057	18.10	1477	9082		>50.0	198	7.9	54.5	4	6	0.652
A-088431		40		24	3086		44.6		1.9	<0.2	7	<4	0.016
088432		46		265	14825		19.3		12.0	2.5	6	6	0.250
A-088433		35		16	58		1.6		<1.0	<0.2	4	13	<0.010
A-088434		9		14	60		0.5		<1.0	<0.2	2	20	<0.010
088435		18		11	89		0.3		2.2	<0.2	3	10	0.012
088436		5		8	36		0.3		<1.0	<0.2	6	<4	0.014
088437		60		321	1783		10.1		15.0	2.3	11	<4	0.063
088438		32		34	511		5.5		15.0	0.5	15	6	0.022
A-088439		45		87	329		5.8		12.0	<0.2	3	<4	0.021
A-088440		<5		6	70		0.4		<1.0	<0.2	7	23	<0.010
088441		<5		108	204		3.9		<1.0	<0.2	149	12	0.012
A-088442		21		144	8696		18.2		4.2	<0.2	14	8	0.116
088443		15		82	821		1.6		1.2	<0.2	3	12	0.019



# Intertek Testing Services Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61615.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1B ( 2/ 2)

NUM O DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Sn PPM
088417		44
088418		18
A-088419		<4
088420		36
088421		6
A-088422		26
088423		<4
088424		<4
A-088425		<4
088426		30
A-088427		11
A-088428		14
088429		8
088430		<4
A-088431		<4
088432		15
A-088433		<4
A-088434		<4
088435		<4
088436		<4
088437		<4
088438		5
A-088439		4
A-088440		<4
088441		<4
A-088442		4
088443		<4



**Intertek Testing Services**  
Chimitec

Val d'Or, PQ, Canada

**" U R G E N T & C O N F I D E N T I A L "**

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLORATION  
 Attention: Mme. C. Parry  
 Reference: 161356  
 Submitter: M. MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages: 2 including this page.

Report : C98-61620.1                      Status : COMPLETE                      Total number of samples: 24

Element Method	Totl	Element Method	Totl	Element Method	Totl
Hg	24	ABSORPTION ATOMIQUE	24		

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
QUE RECU	24	CAROTTE DE FORAGE	24	-150	24	

Notes:

If you do not receive the entire transmission in legible form, please call us at (819) 825-0178.



**Intertek Testing Services**  
Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61620.1 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1 DE 1

NUMERO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Hg PPM
-088001		<0.010
-088002		<0.010
A-088003		<0.010
A-088004		<0.010
-088005		<0.010
A-088006		<0.010
-088007		<0.010
-088008		<0.010
A-088009		<0.010
A-088336		<0.010
A-088337		<0.010
A-088338		<0.010
-088339		0.020
-088340		0.014
A-088341		<0.010
-088342		0.014
A-088343		<0.010
A-088344		0.011
-088345		<0.010
088346		0.034
-088347		<0.010
088348		<0.010
A-088349		<0.010
A-088350		<0.010



**Intertek Testing Services**  
Chimitec

11 d'Or, PQ, Canada

" U R G E N T & C O N F I D E N T I A L "

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLORATION  
 Attention : Mme. C. Perry  
 Reference : 161356  
 Submitter : M.MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages : 7 including this page.

Report : C98-61614.0      Status : COMPLETE      Total number of samples: 42

Element Method	Totl	Element Method	Totl	Element Method	Totl
Au30 30g Pyroanalyse - AA	42	Cu ABSORPTION ATOMIQUE	42	Zn ABSORPTION ATOMIQUE	42
Ag ABSORPTION ATOMIQUE	42	SiO2 INDUC. COUP. PLASMA	42	TiO2 INDUC. COUP. PLASMA	42
Al2O3 INDUC. COUP. PLASMA	42	Fe2O3* INDUC. COUP. PLASMA	42	MnO INDUC. COUP. PLASMA	42
MgO INDUC. COUP. PLASMA	42	CaO INDUC. COUP. PLASMA	42	Na2O INDUC. COUP. PLASMA	42
K2O INDUC. COUP. PLASMA	42	P2O5 INDUC. COUP. PLASMA	42	LOI GRAVIMETRIE	42
Total	42	Ba INDUC. COUP. PLASMA	42	Cr INDUC. COUP. PLASMA	42
Sr INDUC. COUP. PLASMA	42	Zr XRAY FLUORESCENCE	42	Y XRAY FLUORESCENCE	42
Sn XRAY FLUORESCENCE	42	As ACT. NEUTRONIQUE	42	Sb ACT. NEUTRONIQUE	42
Mo ABSORPTION ATOMIQUE	42	V ABSORPTION ATOMIQUE	42		

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
C CASSER, PULVERISE	42	CAROTTE DE FORAGE	42	-150	42	

Notes:

If you do not receive the entire transmission in legible form, please call us at (819) 825-0178.

# ITS Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61614.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1A ( 1 / 6 )

NUMERO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT
088251		<5	15	58	<0.1	46.92	1.09	11.63	12.48	0.16	11.51	8.85	2.34
088252		<5	57	47	<0.1	64.30	0.57	14.63	5.46	0.08	2.50	4.88	5.28
A-088253		<5	25	81	<0.1	64.90	0.50	14.47	5.61	0.09	2.61	2.42	2.04
A-088254		<5	45	119	<0.1	65.69	0.72	15.12	4.85	0.10	1.24	4.14	4.23
088255		<5	133	27	<0.1	61.53	0.94	19.45	4.33	0.08	1.65	8.14	3.02
A-088256		<5	2	65	<0.1	70.27	0.36	16.33	2.07	0.02	0.69	2.49	4.95
088257		<5	4	57	0.3	73.37	0.22	15.45	1.87	0.02	0.67	2.79	2.80
088258		<5	2	32	<0.1	74.40	0.22	14.52	3.16	<0.01	0.42	0.18	0.49
A-088259		<5	5	52	<0.1	70.34	0.27	15.54	2.11	0.03	0.87	2.33	5.83
088260		<5	120	33	<0.1	50.15	1.08	13.95	14.21	0.26	5.94	11.37	1.98
A-088261		<5	4	69	<0.1	71.52	0.26	15.56	1.64	0.04	0.43	2.09	5.95
A-088262		<5	32	80	<0.1	64.80	0.58	15.20	5.45	0.10	2.20	4.64	4.23
088263		<5	27	84	<0.1	65.48	0.81	15.17	4.90	0.07	1.72	2.29	5.76
088264		<5	2	34	<0.1	74.69	0.20	13.45	2.57	<0.01	0.28	1.99	2.71
A-088265		<5	130	36	<0.1	50.52	1.10	14.06	13.81	0.27	5.88	11.18	2.11
088266		<5	38	80	<0.1	66.94	0.62	14.58	5.25	0.09	1.62	4.31	3.62
A-088267		<5	177	44	<0.1	55.38	1.01	16.12	11.54	0.23	3.36	8.92	2.25
A-088268		<5	5	48	0.2	70.75	0.25	15.82	2.21	0.04	1.76	2.50	1.39
088269		<5	33	88	2.1	65.45	0.22	13.89	8.08	0.01	0.56	1.06	0.89
088270		<5	42	68	<0.1	63.48	0.65	15.28	5.63	0.11	2.85	4.82	4.23
088271		<5	153	42	0.2	49.01	1.06	13.72	14.34	0.28	6.21	10.84	2.28
088272		<5	52	87	<0.1	59.99	0.61	15.99	5.86	0.11	4.28	4.95	5.12
A-088273		<5	34	61	<0.1	66.01	0.38	15.16	3.34	0.06	2.13	4.70	3.08
A-088274		<5	28	56	<0.1	60.00	0.57	15.42	6.71	0.10	4.31	5.77	3.99
088275		<5	19	23	<0.1	63.19	0.42	15.80	4.04	0.06	2.75	3.71	6.88
A-088276		12	29	65	<0.1	66.30	0.48	16.87	3.93	0.07	2.47	4.21	0.61
088277		<5	50	77	<0.1	63.76	0.57	17.48	4.67	0.07	1.76	3.77	4.37
088278		<5	24	39	<0.1	58.49	0.63	14.66	6.47	0.11	4.28	5.73	4.90
A-088279		<5	25	58	<0.1	65.13	0.47	15.85	3.37	0.05	0.89	4.53	4.41
A-088280		<5	62	42	<0.1	66.67	0.62	17.75	4.35	0.04	1.92	1.43	2.52
A-088281		<5	48	73	<0.1	65.73	0.72	17.70	5.15	0.06	2.29	1.87	2.16
A-088282		<5	73	80	<0.1	59.52	0.74	17.35	8.24	0.14	4.77	3.55	2.91
088283		<5	54	89	0.2	65.69	0.50	15.97	4.11	0.05	2.39	2.70	4.70
088284		<5	5	45	<0.1	66.48	0.50	15.74	3.36	0.04	1.35	3.08	5.50
A-088285		<5	25	72	<0.1	61.45	0.63	15.26	6.35	0.10	4.30	4.01	5.50
088286		<5	29	48	<0.1	66.52	0.39	15.51	3.64	0.05	2.35	3.34	5.39
A-088287		<5	41	93	<0.1	65.05	0.51	15.84	4.83	0.07	2.43	3.02	4.25
A-088288		<5	31	54	<0.1	64.21	0.43	16.42	4.05	0.06	2.75	3.52	4.91
088289		<5	16	56	<0.1	62.47	0.46	16.80	4.01	0.06	2.25	4.08	4.99
A-088290		<5	43	65	<0.1	66.56	0.39	16.14	3.64	0.06	2.50	4.13	4.06



CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.      PROJET: 755  
 RAPPORT: C98-61614.0 ( COMPLET )      DATE RECU: 30-JUN-98      DATE DE L'IMPRESSION: 18-JAN-99      PAGE 1B ( 2/ 6 )

NUM O DE L'ECHANTILLON	ÉLÉMENT UNITÉS	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr PPM	Sr PPM	Zr PPM	Y PPM	Sn PPM	As PPM	Sb PPM
088251		0.99	0.25	3.73	100.11	307	860	582	86	18	7	<1.0	<0.2
088252		1.35	0.18	0.68	100.03	557	180	491	163	16	<4	<1.0	<0.2
A-088253		6.34	0.18	0.70	100.03	1148	226	374	136	11	<4	<1.0	<0.2
A-088254		2.60	0.22	0.88	99.94	617	190	537	165	18	<4	<1.0	<0.2
088255		0.53	0.05	0.54	100.35	390	444	124	52	10	<4	<1.0	<0.2
A-088256		2.70	0.11	0.44	100.67	1082	164	1033	167	5	<4	<1.0	<0.2
088257		2.22	0.04	1.08	100.67	494	175	663	115	4	<4	1.2	<0.2
088258		3.79	0.05	3.38	100.72	763	165	143	100	4	<4	5.7	<0.2
A-088259		2.31	0.08	0.45	100.39	984	185	1080	132	5	5	<1.0	<0.2
088260		0.47	0.11	0.64	100.19	90	169	126	58	19	5	<1.0	<0.2
A-088261		1.83	0.06	0.49	100.02	721	164	676	125	6	<4	<1.0	<0.2
A-088262		1.71	0.17	1.27	100.50	653	190	479	158	16	<4	<1.0	<0.2
088263		2.27	0.25	1.57	100.37	526	113	265	192	18	6	<1.0	<0.2
088264		1.93	<0.03	2.16	100.14	708	203	575	108	3	<4	<1.0	<0.2
A-088265		0.50	0.10	0.79	100.37	63	140	116	58	19	6	<1.0	<0.2
088266		2.08	0.13	0.93	100.29	535	238	474	161	14	<4	<1.0	<0.2
A-088267		0.46	0.10	0.84	100.29	201	417	155	59	18	4	<1.0	<0.2
A-088268		2.78	0.05	2.86	100.50	480	227	197	109	5	<4	<1.0	<0.2
088269		3.66	<0.03	6.31	100.19	327	199	80	93	3	5	11.0	<0.2
088270		1.23	0.30	1.46	100.19	686	194	635	134	16	<4	<1.0	<0.2
088271		0.83	0.10	1.18	99.92	172	199	256	59	19	5	<1.0	<0.2
088272		1.01	0.34	1.82	100.54	1826	195	2626	224	17	<4	<1.0	<0.2
A-088273		2.61	0.17	1.76	99.55	732	243	724	126	8	<4	2.4	<0.2
A-088274		1.60	0.23	1.53	100.48	878	329	1074	127	12	8	<1.0	<0.2
088275		1.88	0.16	1.10	100.19	980	176	825	123	8	<4	2.6	<0.2
A-088276		3.28	0.18	2.22	100.76	803	254	414	134	8	<4	80.0	0.5
088277		2.41	0.22	1.08	100.40	1139	262	1073	174	12	<4	1.5	<0.2
088278		2.76	0.33	1.19	99.75	862	164	1000	158	16	<4	12.0	1.9
A-088279		3.38	0.15	2.20	100.73	1238	187	1657	154	8	<4	18.0	2.7
A-088280		2.85	0.18	1.82	100.32	687	225	646	174	12	<4	38.0	<0.2
A-088281		2.52	0.19	1.91	100.45	504	240	712	171	12	4	1.4	<0.2
A-088282		1.74	0.13	1.24	100.44	249	573	303	108	14	<4	<1.0	<0.2
088283		2.92	0.23	0.84	100.30	1112	242	619	154	11	<4	1.7	<0.2
088284		3.00	0.19	0.69	100.16	1060	130	1050	187	6	<4	<1.0	<0.2
A-088285		1.86	0.24	0.78	100.64	633	275	581	141	16	4	<1.0	<0.2
088286		2.10	0.17	0.64	100.26	626	173	984	144	8	<4	1.6	<0.2
A-088287		2.33	0.18	1.73	100.39	772	230	466	131	12	<4	1.6	<0.2
A-088288		2.61	0.18	0.69	100.02	948	208	783	141	9	<4	<1.0	<0.2
088289		3.06	0.23	1.78	100.40	889	162	1004	155	8	<4	<1.0	<0.2
088290		2.11	0.20	0.74	100.74	654	226	1262	147	8	<4	1.4	<0.2





# Intertek Testing Services Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

RA PORT: C98-61614.0 ( COMPLET )

DATE RECU: 30-JUN-98

PROJET: 755

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1C ( 3/ 6)

NUMERO DE L' ECHANTILLON	ELEMENT UNITES	Mo PPM	V PPM
A-088251		<1	73
A-088252		<1	46
A-088253		<1	90
A-088254		<1	99
A-088255		2	194
A-088256		2	25
A-088257		<1	8
A-088258		<1	<4
A-088259		<1	26
A-088260		<1	92
A-088261		<1	17
A-088262		<1	67
A-088263		<1	65
A-088264		3	<4
A-088265		2	104
A-088266		<1	89
A-088267		2	180
A-088268		6	8
A-088269		18	<4
A-088270		<1	71
A-088271		<1	115
A-088272		2	72
A-088273		2	58
A-088274		<1	84
A-088275		<1	43
A-088276		3	53
A-088277		2	87
A-088278		<1	62
A-088279		3	32
A-088280		3	55
A-088281		3	87
A-088282		2	174
A-088283		2	81
A-088284		<1	28
A-088285		<1	89
A-088286		<1	48
A-088287		<1	81
A-088288		2	58
A-088289		<1	36
A-088290		<1	65



# Intertek Testing Services Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61614.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 2A( 4/ 6)

NUMERO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT
A-088291		<5	24	71	<0.1	66.52	0.38	15.76	3.37	0.05	2.06	3.08	3.69
A-088292		<5	99	53	<0.1	48.46	0.92	12.69	11.78	0.18	9.41	10.08	2.22



# Intertek Testing Services

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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61614.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 2B ( 5/ 6 )

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr PPM	Sr PPM	Zr PPM	Y PPM	Sn PPM	As PPM	Sb PPM
A-088291		3.61	0.18	1.72	100.62	861	188	962	140	7	<4	<1.0	<0.2
A-088292		2.18	0.32	1.28	99.73	526	617	816	76	16	6	1.3	0.9



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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61614.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 2C ( 6/ 6)

NUMERO DE ECHANTILLON	ELEMENT UNITES	Mo PPM	V PPM
A-088291		<1	57
A-088292		<1	123

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Val d'Or, PQ, Canada

" U R G E N T & C O N F I D E N T I A L "

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.  
 Attention : Mme. C. Perry  
 Reference : 161356  
 Submitter : M. MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages : 4 including this page.

Report : C98-61613.0 Status : COMPLETE Total number of samples: 24

Element Method	Totl	Element Method	Totl	Element Method	Totl
Au30 30g Pyroanalyse - AA	24	Cu ABSORPTION ATOMIQUE	24	Zn ABSORPTION ATOMIQUE	24
Ag ABSORPTION ATOMIQUE	24	SiO2 INDUC. COUP. PLASMA	24	TiO2 INDUC. COUP. PLASMA	24
Al2O3 INDUC. COUP. PLASMA	24	Fe2O3* INDUC. COUP. PLASMA	24	MnO INDUC. COUP. PLASMA	24
MgO INDUC. COUP. PLASMA	24	CaO INDUC. COUP. PLASMA	24	Na2O INDUC. COUP. PLASMA	24
K2O INDUC. COUP. PLASMA	24	P2O5 INDUC. COUP. PLASMA	24	LOI GRAVIMETRIE	24
Total	24	Ba INDUC. COUP. PLASMA	24	Cr INDUC. COUP. PLASMA	24
Sr INDUC. COUP. PLASMA	24	Zr XRAY FLUORESCENCE	24	Y XRAY FLUORESCENCE	24
Sn XRAY FLUORESCENCE	24	As ACT. NEUTRONIQUE	24	Sb ACT. NEUTRONIQUE	24
Mo ABSORPTION ATOMIQUE	24	V ABSORPTION ATOMIQUE	24		

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
CONCASSER, PULVERISE	24	CAROTTE DE FORAGE	24	-150	24	

Notes:

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# ITS Intertek Testing Services

## Chimitec

LIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLC.  
 RAPPORT: C98-61613.0 ( COMPLET )

PROJET: 755

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1A( 1/ 3)

UMARO DE ECHANTILLON	ELÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT
A-088030		<5	47	65	<0.1	59.60	0.63	15.74	6.62	0.09	4.26	5.09	5.77
A-088031		<5	11	61	<0.1	68.95	0.38	15.42	2.32	0.03	0.98	2.34	5.44
A-088032		<5	9	9	<0.1	43.14	0.35	9.23	8.78	0.58	4.95	29.23	0.67
A-088033		<5	49	52	<0.1	51.50	0.70	14.46	10.13	0.23	7.93	9.58	2.41
A-088034		<5	40	58	<0.1	62.70	0.52	15.45	5.61	0.08	3.42	4.93	4.63
A-088035		<5	31	54	<0.1	61.94	0.48	15.36	5.53	0.08	3.36	4.90	4.75
A-088036		<5	27	59	<0.1	62.13	0.53	15.82	5.44	0.08	3.04	5.45	4.69
A-088037		<5	26	58	<0.1	64.93	0.43	15.97	4.38	0.06	2.49	3.96	5.07
A-088038		<5	43	86	<0.1	69.41	0.29	15.55	2.78	0.04	1.36	2.43	4.61
A-088039		<5	23	73	<0.1	68.05	0.43	16.28	3.18	0.05	1.21	3.14	4.74
A-088040		<5	30	85	<0.1	69.59	0.33	15.03	3.32	0.03	1.41	2.72	3.98
A-088469		<5	149	86	0.2	49.27	1.76	12.74	18.70	0.23	6.20	7.40	2.90
A-088470		<5	5	103	<0.1	67.79	0.54	15.27	4.97	0.06	2.08	4.32	2.27
A-088471		<5	35	61	<0.1	66.37	0.39	16.07	3.55	0.05	1.75	3.37	5.33
A-088472		<5	18	46	<0.1	66.17	0.54	15.12	5.10	0.06	2.57	4.70	3.68
A-088473		<5	36	46	<0.1	63.02	0.48	15.31	5.50	0.09	3.56	5.69	4.15
A-088474		<5	30	73	<0.1	63.13	0.50	15.14	5.19	0.08	3.04	5.18	4.14
A-088475		<5	59	60	0.3	57.11	0.73	14.87	8.01	0.14	4.62	7.06	3.94
A-088476		<5	149	62	0.2	58.71	1.20	17.02	9.33	0.16	2.12	6.70	3.37
A-088477		8	31	108	1.5	71.80	0.24	16.19	3.24	<0.01	0.52	0.76	1.11
A-088478		<5	52	118	0.4	64.88	0.62	15.53	5.61	0.10	2.65	4.89	2.32
A-088479		<5	135	38	<0.1	49.56	1.01	14.06	14.21	0.22	6.70	10.43	2.45
A-088480		<5	158	38	<0.1	49.41	1.02	13.53	14.48	0.22	7.03	9.76	2.62
A-088500		<5	28	79	<0.1	47.42	1.08	12.12	13.04	0.18	12.77	7.71	2.05

# ITS Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61613.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1B( 2/ 3)

UMARO DE 'ECHANTILLON	ELAMENT UNITES	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr PPM	Sr PPM	Zr PPM	Y PPM	Sn PPM	As PPM	Sb PPM
A-088030		1.40	0.30	1.10	100.74	475	199	714	159	14	<4	<1.0	<0.2
A-088031		2.85	0.18	1.52	100.62	1195	170	787	170	8	<4	<1.0	<0.2
A-088032		0.26	0.07	3.33	100.82	38	2198	74	21	9	6	<1.0	<0.2
A-088033		1.81	0.27	1.73	100.88	533	491	315	66	14	5	<1.0	<0.2
A-088034		1.67	0.18	0.79	100.15	659	211	653	130	10	<4	<1.0	<0.2
A-088035		1.65	0.14	1.91	100.25	588	220	657	122	11	<4	<1.0	<0.2
A-088036		1.67	0.19	1.03	100.24	725	178	835	124	11	<4	<1.0	<0.2
A-088037		1.73	0.14	0.99	100.27	606	191	533	124	10	<4	<1.0	<0.2
A-088038		2.41	0.14	1.12	100.29	804	173	507	147	10	<4	<1.0	<0.2
A-088039		2.14	0.15	1.32	100.82	634	185	564	141	9	<4	<1.0	<0.2
A-088040		2.24	0.13	2.01	100.93	686	180	495	132	9	<4	<1.0	<0.2
A-088469		0.70	0.18	0.45	100.58	187	126	171	76	27	7	<1.0	<0.2
A-088470		1.95	0.18	0.59	100.12	461	284	374	167	17	<4	<1.0	<0.2
A-088471		2.57	0.19	0.40	100.29	1099	190	1180	157	5	<4	<1.0	<0.2
A-088472		1.93	0.18	0.69	100.84	488	242	288	165	17	5	<1.0	<0.2
A-088473		2.00	0.21	0.73	100.90	626	243	732	134	11	5	<1.0	<0.2
A-088474		2.07	0.23	1.39	100.28	806	226	1058	165	12	<4	<1.0	<0.2
A-088475		1.54	0.42	0.94	99.55	768	269	655	142	17	<4	<1.0	<0.2
A-088476		1.14	0.09	0.49	100.40	255	323	200	82	19	4	<1.0	<0.2
A-088477		3.16	0.05	3.53	100.71	687	272	264	108	2	<4	3.3	0.3
A-088478		2.24	0.25	0.93	100.20	605	272	860	150	14	<4	<1.0	<0.2
A-088479		0.83	0.14	0.64	100.30	123	156	224	60	18	9	<1.0	<0.2
A-088480		0.84	0.10	1.08	100.14	161	130	179	59	19	9	<1.0	<0.2
A-088500		2.20	0.26	1.56	100.58	383	870	573	86	18	5	<1.0	<0.2


**Intertek Testing Services**  
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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61613.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1C( 3/ 3)

NUMERO DE L'ECHANTILLON	ALIMENT UNITES	Mo PPM	V PPM
A-088030		2	76
A-088031		2	31
A-088032		4	68
A-088033		3	92
A-088034		2	77
A-088035		3	71
A-088036		2	76
A-088037		2	56
A-088038		2	52
A-088039		3	36
A-088040		3	37
A-0880469		2	217
A-0880470		3	82
A-0880471		2	38
A-0880472		7	61
A-0880473		2	52
A-0880474		2	59
A-0880475		2	87
A-0880476		4	228
A-0880477		5	<4
A-0880478		14	110
A-0880479		2	107
A-0880480		2	105
A-0880500		2	79





# Intertek Testing Services

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Val d'Or, PQ, Canada

**" U R G E N T & C O N F I D E N T I A L "**

To: **BARRICK GOLD CORPORATION, EASTERN CANADA EXPL.**  
 Attention : **Mme. C. Perry**  
 Reference : **161356**  
 Submitter : **M. MAGNAN**

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages : 2 including this page.

Report : C98-61613.1      Status : COMPLETE      Total number of samples: 24

Element Method	Totl	Element Method	Totl	Element Method	Totl
Hg ABSORPTION ATOMIQUE	24				

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
TEL QUE RECU	24	CAROTTE DE FORAGE	24	-150	24	

Notes:

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**ITS** Intertek Testing Services  
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CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61613.1 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1 DE 1

NUMERO DE ECHANTILLON	ELEMENT UNITES	Hg PPM
A-088030		<0.010
A-088031		<0.010
A-088032		<0.010
A-088033		<0.010
A-088034		<0.010
A-088035		<0.010
A-088036		<0.010
A-088037		<0.010
A-088038		<0.010
A-088039		<0.010
A-088040		<0.010
A-088469		<0.010
A-088470		<0.010
A-088471		<0.010
A-088472		<0.010
A-088473		<0.010
A-088474		0.011
A-088475		<0.010
A-088476		<0.010
A-088477		<0.010
A-088478		<0.010
A-088479		<0.010
A-088480		<0.010
A-088500		<0.010

**ITS** Intertek Testing Services  
Chimitec

Val d'Or, PQ, Canada

**" U R G E N T & C O N F I D E N T I A L "**

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO.  
 Attention : Mme. C. Perry  
 Reference : 161356  
 Submitter : M. MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages : 2 including this page.

Report : C98-61612.1                      Status : COMPLETE                      Total number of samples: 37

Element Method	Totl	Element Method	Totl	Element Method	Totl
Hg	37	ABSORPTION ATOMIQUE			

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
TEL QUE RECU	37	CAROTTE DE FORAGE	37	-150	37	

Notes:

If you do not receive the entire transmission in legible form, please call us at (819) 825-0178.


**Intertek Testing Services**  
 Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLO.

PROJET: 755

RAPPORT: C98-61612.1 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1 DE 1

NUMERO DE L'ECHANTILLON	ELÉMENT UNITES	Hg PPM
A-088010		<0.010
A-088011		<0.010
A-088012		<0.010
A-088013		<0.010
A-088014		<0.010
A-088015		<0.010
A-088016		<0.010
A-088017		<0.010
A-088018		<0.010
A-088019		<0.010
A-088020		<0.010
A-088021		<0.010
A-088022		<0.010
A-088023		<0.010
A-088024		<0.010
A-088025		<0.010
A-088026		<0.010
A-088027		<0.010
A-088028		<0.010
A-088029		<0.010
A-088451		<0.010
A-088453		<0.010
A-088454		<0.010
A-088455		<0.010
A-088456		<0.010
A-088457		<0.010
A-088458		<0.010
A-088459		<0.010
A-088460		<0.010
A-088461	---	<0.010
A-088462		0.015
A-088463		<0.010
A-088464		<0.010
A-088465		<0.010
A-088466		<0.010
A-088467		<0.010
A-088468		<0.010

# ITS Intertek Testing Services

## Chimitec

Val d'Or, PQ, Canada

" U R G E N T & C O N F I D E N T I A L "

To: BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.  
 Attention : Mme. C. Perry  
 Reference : 161356  
 Submitter : MARTIN MAGNAN

Our Fax No: (819) 825-0256  
 Your Fax No: 757-2428  
 Number of Pages : 4 including this page.

Report : C98-61612.0                      Status : COMPLETE                      Total number of samples: 37

Element Method	Totl	Element Method	Totl	Element Method	Totl
Au30 30g Pyroanalyse - AA	37	Cu ABSORPTION ATOMIQUE	37	Zn ABSORPTION ATOMIQUE	37
Ag ABSORPTION ATOMIQUE	37	SiO2 INDUC. COUP. PLASMA	37	TiO2 INDUC. COUP. PLASMA	37
Al2O3 INDUC. COUP. PLASMA	37	Fe2O3* INDUC. COUP. PLASMA	37	MnO INDUC. COUP. PLASMA	37
MgO INDUC. COUP. PLASMA	37	CaO INDUC. COUP. PLASMA	37	Na2O INDUC. COUP. PLASMA	37
K2O INDUC. COUP. PLASMA	37	P2O5 INDUC. COUP. PLASMA	37	LOI GRAVIMETRIE	37
Total	37	Ba INDUC. COUP. PLASMA	37	Cr INDUC. COUP. PLASMA	37
Sr INDUC. COUP. PLASMA	37	Zr XRAY FLDORESCENCE	37	Y XRAY FLDORESCENCE	37
Sn XRAY FLUORESCENCE	37	As ACT. NEUTRONIQUE	37	Sb ACT. NEUTRONIQUE	37
Mo ABSORPTION ATOMIQUE	37	V ABSORPTION ATOMIQUE	37		

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
CONCASSER, PULVERISE	37	CAROTTE DE FORAGE	37	-150	37	

Notes:

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# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61612.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1A ( 1 / 3 )

NUMERO DE L'ECHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Zn PPM	Ag PPM	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT
A-088010		<5	50	60	<0.1	63.05	0.42	13.50	12.35	0.16	3.21	3.51	1.27
A-088011		<5	63	121	0.2	65.16	0.60	16.04	5.42	0.07	2.23	2.42	4.41
A-088012		<5	21	69	0.2	69.97	0.24	14.64	1.96	0.03	0.77	2.22	6.09
A-088013		<5	8	76	0.2	71.38	0.23	15.43	1.78	0.02	0.61	2.06	5.69
A-088014		<5	81	135	<0.1	51.26	1.38	14.52	14.20	0.23	5.69	7.65	3.60
A-088015		<5	127	57	<0.1	48.51	1.29	14.93	14.83	0.21	6.61	7.58	3.19
A-088016		<5	121	56	<0.1	50.73	1.45	15.38	14.04	0.29	4.16	8.92	3.19
A-088017		<5	16	297	0.2	66.94	0.42	15.46	3.06	0.05	1.38	2.92	4.76
A-088018		<5	136	71	0.2	47.44	1.11	14.42	14.91	0.22	6.61	7.79	2.43
A-088019		<5	170	30	<0.1	52.72	0.92	13.97	11.87	0.20	6.88	9.93	2.87
A-088020		<5	40	53	0.3	49.07	0.27	6.11	8.47	0.17	20.51	7.16	0.10
A-088021		<5	194	38	0.3	50.21	0.82	14.21	11.47	0.29	5.36	11.93	3.38
A-088022		<5	28	56	0.2	62.25	0.40	16.77	3.90	0.07	2.37	4.33	6.13
A-088023		<5	18	32	0.3	62.90	0.43	15.95	4.15	0.08	2.20	5.13	5.93
A-088024		<5	40	35	0.2	56.66	0.56	15.03	5.84	0.11	3.76	7.00	3.68
A-088025		<5	30	42	<0.1	63.80	0.44	16.02	3.77	0.06	2.27	4.28	5.27
A-088026		<5	23	55	0.2	67.29	0.37	15.71	3.15	0.05	2.05	3.29	5.92
A-088027		<5	51	51	0.2	59.63	0.60	15.50	5.58	0.09	3.59	5.78	4.75
A-088028		<5	30	51	<0.1	63.31	0.47	16.36	4.09	0.06	2.27	4.77	5.41
A-088029		<5	19	62	<0.1	66.59	0.47	15.34	3.51	0.05	1.89	3.40	4.83
A-088451		<5	116	92	0.2	48.59	1.86	13.39	17.60	0.23	5.22	8.40	2.43
A-088453		<5	23	65	<0.1	65.29	0.56	15.38	5.26	0.07	2.73	6.14	1.74
A-088454		<5	70	92	<0.1	65.39	0.56	15.38	5.27	0.07	2.26	4.05	3.76
A-088455		<5	9	68	<0.1	67.02	0.40	15.36	3.52	0.06	1.74	3.14	5.21
A-088456		<5	18	67	0.2	66.04	0.57	15.27	5.27	0.07	2.55	5.05	2.11
A-088457		<5	87	77	0.2	63.91	0.47	16.52	4.61	0.05	3.03	4.01	3.62
A-088458		<5	44	73	0.2	61.15	0.64	16.15	6.01	0.10	3.41	5.04	4.42
A-088459		<5	19	90	0.4	73.61	0.09	13.69	1.11	0.03	1.05	1.94	4.10
A-088460		<5	33	99	0.2	64.04	0.81	16.54	4.46	0.09	1.72	5.39	3.56
A-088461		<5	168	128	0.4	52.80	1.48	17.88	12.12	0.24	2.92	6.62	2.41
A-088462		<5	7	117	0.3	71.87	0.22	14.84	3.62	<0.01	0.58	0.90	0.57
A-088463		<5	15	51	1.5	70.06	0.25	17.12	1.79	0.02	0.54	2.36	3.67
A-088464		<5	34	63	0.4	63.15	0.58	14.88	5.13	0.10	2.97	5.84	3.28
A-088465		<5	15	74	0.2	59.22	0.66	16.63	6.73	0.13	3.06	5.06	5.02
A-088466		<5	21	51	<0.1	71.60	0.21	15.24	1.77	0.02	0.68	2.24	4.71
A-088467		<5	110	36	<0.1	49.30	1.08	13.89	14.48	0.28	6.25	10.64	2.41
A-088468		<5	5	54	<0.1	70.67	0.32	15.56	2.21	0.03	0.59	2.41	5.61



# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61612.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1B( 2/ 3)

NUMERO DE L'ECHANTILLON	ELEMENT UNITES	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Ba PPM	Cr PPM	Sr PPM	Zr PPM	Y PPM	Sn PPM	As PPM	Sb PPM
A-088010		1.64	0.19	0.64	100.03	338	250	331	98	12	4	2.3	<0.2
A-088011		2.73	0.19	1.04	100.46	990	164	517	145	12	<4	<1.0	0.4
A-088012		1.57	0.06	1.97	99.72	869	139	1058	121	5	<4	1.8	<0.2
A-088013		2.11	0.07	0.85	100.45	830	152	1069	125	4	<4	<1.0	<0.2
A-088014		0.35	0.13	1.08	100.15	130	228	142	64	25	8	<1.0	<0.2
A-088015		1.01	0.09	1.04	99.35	154	230	157	54	21	7	<1.0	<0.2
A-088016		0.45	0.11	0.98	99.76	294	262	142	68	25	<4	<1.0	<0.2
A-088017		3.20	0.17	1.44	100.08	1401	147	1329	199	9	<4	<1.0	<0.2
A-088018		2.25	0.09	0.84	98.18	470	79	149	67	20	7	<1.0	<0.2
A-088019		0.15	0.06	0.60	100.22	33	177	107	53	18	10	<1.0	<0.2
A-088020		2.75	<0.03	5.45	100.28	394	1809	58	15	5	5	<1.0	<0.2
A-088021		1.04	0.08	1.39	100.27	213	167	417	52	22	<4	1.4	<0.2
A-088022		2.50	0.25	0.64	99.97	1331	117	2097	221	16	<4	<1.0	<0.2
A-088023		1.89	0.26	1.04	100.28	947	95	2217	217	15	<4	2.2	<0.2
A-088024		4.54	0.50	0.90	98.92	1708	116	1687	245	18	6	<1.0	0.4
A-088025		2.50	0.20	1.04	99.91	972	140	1684	192	9	<4	<1.0	0.4
A-088026		1.25	0.18	0.94	100.41	816	138	1040	160	10	<4	<1.0	<0.2
A-088027		2.34	0.40	0.84	99.39	1048	120	1648	198	14	<4	<1.0	<0.2
A-088028		1.58	0.24	1.24	100.03	986	157	1158	166	12	<4	<1.0	0.5
A-088029		1.49	0.11	2.15	99.96	574	142	485	143	7	4	<1.0	<0.2
A-088451		1.17	0.17	0.73	99.88	576	119	216	88	27	15	<1.0	<0.2
A-088453		1.92	0.17	1.03	100.43	547	185	623	170	17	<4	<1.0	<0.2
A-088454		1.98	0.18	1.02	100.02	338	212	398	168	15	<4	<1.0	<0.2
A-088455		2.39	0.15	0.69	99.91	970	167	1164	155	5	<4	<1.0	<0.2
A-088456		2.10	0.17	0.93	100.21	409	226	295	167	18	<4	1.1	<0.2
A-088457		2.70	0.13	1.05	100.27	877	233	601	134	10	<4	<1.0	<0.2
A-088458		1.83	0.19	1.08	100.20	594	198	902	149	13	<4	<1.0	<0.2
A-088459		2.85	<0.03	1.23	99.82	658	199	346	66	11	<4	<1.0	<0.2
A-088460		2.08	0.25	1.12	100.14	438	124	493	191	19	<4	<1.0	<0.2
A-088461		2.32	0.11	1.08	100.09	393	291	251	91	25	<4	<1.0	<0.2
A-088462		3.08	<0.03	4.81	100.59	523	241	169	99	3	<4	2.9	<0.2
A-088463		2.29	0.05	1.96	100.23	611	157	613	118	2	<4	<1.0	<0.2
A-088464		2.71	0.21	0.95	99.97	559	213	971	142	13	<4	<1.0	<0.2
A-088465		2.24	0.42	0.84	100.30	1303	85	1466	188	19	6	<1.0	<0.2
A-088466		2.81	0.05	0.54	100.08	887	162	1058	124	3	<4	<1.0	<0.2
A-088467		0.61	0.08	0.73	99.79	97	150	135	58	19	6	<1.0	<0.2
A-088468		2.23	0.07	0.40	100.26	798	163	772	134	5	<4	<1.0	<0.2



# Intertek Testing Services

## Chimitec

CLIENT : BARRICK GOLD CORPORATION, EASTERN CANADA EXPLOR.

PROJET: 755

RAPPORT: C98-61612.0 ( COMPLET )

DATE RECU: 30-JUN-98

DATE DE L'IMPRESSION: 18-JAN-99

PAGE 1C( 3/ 3)

NUMERO DE L'ECHANTILLON	ELEMENT UNITES	Mo PPM	V PPM
A-088010		3	86
A-088011		<1	133
A-088012		<1	21
A-088013		2	19
A-088014		<1	125
A-088015		<1	129
A-088016		11	155
A-088017		3	38
A-088018		<1	167
A-088019		<1	68
A-088020		29	89
A-088021		2	107
A-088022		<1	39
A-088023		<1	40
A-088024		<1	53
A-088025		2	50
A-088026		<1	50
A-088027		<1	72
A-088028		<1	61
A-088029		2	64
A-088451		3	222
A-088453		2	70
A-088454		3	82
A-088455		2	45
A-088456		2	89
A-088457		2	91
A-088458		<1	92
A-088459		27	8
A-088460		2	78
A-088461	—	2	343
A-088462		4	5
A-088463		2	<4
A-088464		8	65
A-088465		<1	83
A-088466		<1	28
A-088467		<1	112
A-088468		<1	26



Annex IV  
Geological Legend

## LÉGENDE GÉOLOGIQUE

### ROCHES FELSIQUES (1)

#### *INTRUSIONS*

I1G Granite  
I1D Granodiorite  
I1T Tonalite  
I1J Trondhjémite  
I1A Aplite  
I1Y Granophyre  
I1P Pegmatite

#### *VOLCANITES*

V1R Rhyolite  
V1H Rhyodacite  
V1D Dacite

#### *DYKES*

D1 Dyke felsique aphanitique  
QFP Porphyre à quartz-feldspath  
FP Porphyre à feldspath  
QP Porphyre à quartz

### ROCHES INTERMÉDIAIRES (2)

#### *INTRUSIONS*

I2S Syénite  
I2M Monzonite  
I2O Monzodiorite  
I2D Diorite

#### *VOLCANITES*

V2T Trachyte  
V2L Latite  
V2A Andésite

#### *DYKES*

D2 Dyke intermédiaire

### ROCHES MAFIQUES (3)

#### *INTRUSIONS*

I3D Diabase  
I3G Gabbro  
I3I Gabbro anorthositique  
I3A Anorthosite  
I3B Anorthosite gabbroïque  
I3L Lamprophyre  
I3N Norite  
I3T Troctolite

#### *VOLCANITES*

V3K Basalte Komatiitique  
V3B Basalte

#### *DYKES*

D3 Dyke mafique

### ROCHES ULTRAMAFIQUES (4)

#### *INTRUSIONS*

I4D Dunité  
I4P Péridotite  
I4Y Pyroxénite  
I4K Kimberlite  
I4S Serpentinite  
I4B Carbonatite

#### *VOLCANITES*

V4K Komatiite

#### *DYKES*

D4 Dyke ultramafique

**VOLCANICLASTITES****COMPOSITION**

T()B	Tuf à Blocs	1	Felsique
T()K	Tuf à Blocs et lapilli	2	Intermédiaire
T()I	Tuf à Lapilli et blocs	3	Mafique
T()L	Tuf à Lapilli	4	Ultramafique
T()	Tuf à cendres (fin)	Monomictite :	TM
T()X	Tuf à cristaux	Polymictite :	TP
T()C	Tuf Cherteux	Le chiffre entre la parenthèse indique la composition de la matrice	
T()G	Tuf Graphiteux		

**SÉDIMENTS DÉTRITIQUES (S)****SÉDIMENTS CHIMIQUES (S)**

S1C	Conglomérat
S1G	Conglomérat Gréseux
S1A	Conglomérat Argileux
S2K	Arkose
S2G	Grès mature
S3G	Grauwacke
S4A	Argilite

S6*	Formation de fer
S6O*	Oxydé
S6L*	Silicaté
S6B*	Carbonaté
S6S*	Sulfuré
S7*	Chert
S8*	Exhalite

\* Suivi de minéraux caractéristiques : Ex.: Py Po Mn

**METAMORPHITES ET TECTONITES (M)**

MG	Gneiss
MS	Schiste
MY	Mylonite
MA	Amphibolite
MB	Marbre
MC	Cornéenne
MM	Migmatite

Devrait être suivi de 1 ou 2 minéraux caractéristiques : ex. MS Qz Bo

## ABRÉVIATIONS DES MINÉRAUX

Actinote	Ac	Leucoxène	Lc
Albite	Ab	Limonite	Li
Amphibole	Am		
Andalousite	An	Magnétite	Mt
Ankérite	Ak	Malachite	Ma
Anthophyllite	Al	Marcasite	Mc
Apatite	Ap	Microcline	Mi
Argent	Ag	Molybdénite	Mo
Arsénopyrite	Asp	Muscovite	Mu
Augite	At		
		Nickel	Ni
Barytine	Ba		
Béryl	Be	Olivine	OI
Biotite	Bo	Or	Au
Bornite	Bn		
		Pechblende	Pc
Calcite	Cc	Pentlandite	Pn
Carbonate	Cb	Phlogopite	Ph
Chalcopyrite	Cp	Platine	Pt
Chalcosine	Cs	Plomb	Pb
Chert	Ch	Pyrite	Py
Chlorite	Cl	Pyroxène	Px
Chloritoïde	Ct	Pyrrhotine	Po
Cobalt	Co	Pyrophyllite	Pp
Cordiérite	Cor		
Coveline	Cv	Quartz	Qz
Cuivre	Cu		
		Scheelite	Sc
Dolomite	Do	Séricite	Se
		Serpentinite	Sp
Epidote	Ep	Sidérose	Sd
		Silice	Si
Feldspath	Fp	Sillimanite	Sm
Fuchsite	Fu	Sphalérite	Sp
		Sphène	Sn
Galène	Gn	Staurotide	St
Goethite	Go		
Graphite	Gp	Talc	Tc
Grenat	Gn	Tourmaline	Tm
		Trémolite	Tr
Hématite	Hm		
Hornblende	Hb	Zinc	Zn
Ilménite	Im		

## ALTÉRATIONS

Albitisé	AB
Ankéritisé	AK
Calcitisé	CC
Carbonaté	CB
Choloritisé	CL
Dolomitisé	DO
Epidotisé	EP
Fuchsitisé	FU
Hématisé	HM
Potassique	K
Séricitisé	SE
Silicifié	SI

\* Employer signe +ou- pour indiquer l'intensité de l'altération.

## STRUCTURES

Amygdalaire	AMY
Bréchique	BX
Brèche de coulée	FBX
Coussiné	PIL
Feldspath porphyrique	FP
Fracturé	#
Massif	MA
Oxydé	OX
Porphyritique	POR
Rubanement	RU, BD
Schistosité	SH
Veine de quartz	v.q.

## Annex V

### 1998 Statement of Expenditures

**WHITE RIVER PROJECT  
1998 STATEMENT OF EXPENDITURES**

*\*based on expenditures as of December 31, 1998*

<b>ITEM</b>	<b>1998</b>	<b>TOTAL</b>
Plane	2 085,59	2 085,59
Core Handling and Assays	9 430,15	9 430,15
Camp Equipment and Maintenance	977,87	977,87
Salaries	47 000,00	47 000,00
Administration and supplies	3 170,68	3 170,68
Post, Shipping and Phone	30,40	30,40
Reproduction and Drafting	1 567,50	1 567,50
Meals and Accomodations	4 188,21	4 188,21
Truck	4 225,13	4 225,13
Miscellaneous	0,00	0,00
<b>TOTAL WORK EXPENDITURES</b>	<b>72 675,53</b>	<b>72 675,53</b>



Ministry of  
Northern Development  
and Mines

### Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) <i>W. 9940.00108</i>
Assessment Files Research Imaging



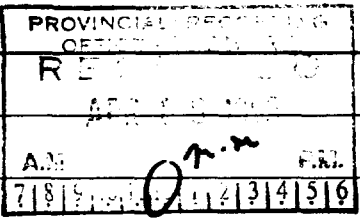
42C12NE2001 2.19404 LABERGE 900

of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the  
review the assessment work and correspond with the mining land holder.  
Recorder, Ministry of Northern Development and Mines, 6th Floor,

**Instructions:** - For work performed on Crown Lands before recording a claim, use form 0240.  
- Please type or print in ink.

**1. Recorded holder(s) (Attach a list if necessary)**

Name Lac Exploration Inc.	Client Number 301000
Address 2, Chemin Bousquet, Route 395 Preissac, Québec, JOY 2E0	Telephone Number (819) 757-3691, ext. 280
	Fax Number (819) 757-2428
Name Lac Minerals Ltd.	Client Number 155133
Address 2, Chemin Bousquet, Route 395 Preissac, Québec, JOY 2E0	Telephone Number (819) 757-3691, Ext. 280
	Fax Number (819) 757-2428



**2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.**

Geotechnical: prospecting, surveys, assays and work under section 18 (regs)       Physical: drilling, stripping, trenching and associated assays       Rehabilitation

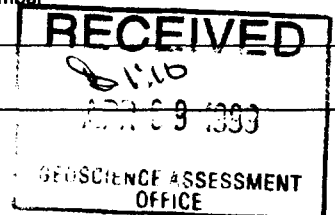
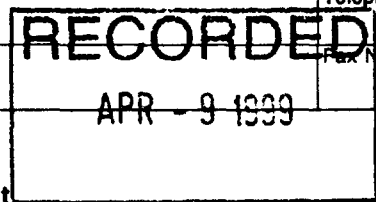
Work Type Compilation and Lithochemical sampling	Office Use Commodity
	Total \$ Value of Work Claimed <i>70,021.00</i>
Dates Work Performed From Day Month Year To Day Month Year	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>Thunder Bay</i>
Township/Area Bomby, Brothers, Laberge	Resident Geologist District
M or G-Plan Number G3172, G3173	

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;  
- provide proper notice to surface rights holders before starting work;  
- complete and attach a Statement of Costs, form 0212;  
- provide a map showing contiguous mining lands that are linked for assigning work;  
- include two copies of your technical report.

*2.19404*

**3. Person or companies who prepared the technical report (Attach a list if necessary)**

Name Ms. Tracy Armstrong	Telephone Number (819) 757-3691
Address 2, Chemin Bousquet, Route 395, Preissac, Qc, JOY 2E0	Fax Number 757-2428
Name Mr. Martin Magnan	Telephone Number (819) 757-3691
Address 2, Chemin Bousquet, Route 395, Preissac, Qc, JOY 2E0	Fax Number
Name	Telephone Number
Address	Fax Number



**4. Certification by Recorded Holder or Agent**

I, CAROL PERRY (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>Carol Perry</i>	Date April 8, 1999
Agent's Address 2, Chemin Bousquet, Route 395, Preissac, Qc	Telephone Number (819) 757-3691
	Fax Number 757-2428

*2.19404*



**5. Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W. 9940.00108

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	\$26, 825	N/A	\$24,000	\$2,825
eg	1234567	12	0	\$24,000	0	0
eg	1234568	2	\$ 8, 892	\$ 4,000	0	\$4,892
1						
2	SEE THE ANNEX 1 FOR DISTRIBUTION					
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11						
12						
13						
14						
15						
Column Totals						

**RECORDED**  
APR - 9 1999

I, CAROL PERRY (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing Carol Perry Date April 10, 1999

**6. Instructions for cutting back credits that are not approved.**

Some of the credits claimed in this declaration may be cut back. Please check ( ✓ ) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

**For Office Use Only**

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

**White River Property**  
Work done on summer 1998 by Barrick Gold Corporation

Annex 1

*W. 9940.00108*

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Mining Claim number	Number of claim units	Value or work performed	Value of work applied	Value of work assigned	Bank
SSM607733	1	8 557 \$	400 \$	8 157 \$	0
SSM607740	1	6 015 \$	400 \$	5 615 \$	0
SSM607753	1	2 968 \$	400 \$	2 568 \$	0
SSM607760	1	1 613 \$	400 \$	1 213 \$	0
SSM607762	1	2 463 \$	400 \$	2 063 \$	0
SSM607775	1	2 463 \$	400 \$	2 063 \$	0
SSM607806	1	1 470 \$	400 \$	1 070 \$	0
SSM607865	1	2 337 \$	400 \$	1 937 \$	0
SSM607873	1	20 098 \$	400 \$	19 698 \$	0
SSM607874	1	3 940 \$	400 \$	3 540 \$	0
SSM607879	1	11 059 \$	400 \$	10 659 \$	0
SSM607880	1	3 232 \$	400 \$	2 832 \$	0
SSM607881	1	2 069 \$	400 \$	1 669 \$	0
SSM625633	1	1 737 \$	400 \$	1 316 \$	21
SSM607720	1	- \$	400 \$	- \$	0
SSM607721	1	- \$	400 \$	- \$	0
SSM607722	1	- \$	400 \$	- \$	0
SSM607723	1	- \$	400 \$	- \$	0
SSM607724	1	- \$	400 \$	- \$	0
SSM607725	1	- \$	400 \$	- \$	0
SSM607726	1	- \$	400 \$	- \$	0
SSM607727	1	- \$	400 \$	- \$	0
SSM607728	1	- \$	400 \$	- \$	0
SSM607729	1	- \$	400 \$	- \$	0
SSM607730	1	- \$	400 \$	- \$	0
SSM607731	1	- \$	400 \$	- \$	0
SSM607732	1	- \$	400 \$	- \$	0
SSM607734	1	- \$	400 \$	- \$	0
SSM607735	1	- \$	400 \$	- \$	0
SSM607736	1	- \$	400 \$	- \$	0
SSM607737	1	- \$	400 \$	- \$	0
SSM607738	1	- \$	400 \$	- \$	0
SSM607739	1	- \$	400 \$	- \$	0
SSM607741	1	- \$	400 \$	- \$	0
SSM607742	1	- \$	400 \$	- \$	0
SSM607743	1	- \$	400 \$	- \$	0
SSM607744	1	- \$	400 \$	- \$	0
SSM607745	1	- \$	400 \$	- \$	0
SSM607746	1	- \$	400 \$	- \$	0
SSM607747	1	- \$	400 \$	- \$	0
SSM607748	1	- \$	400 \$	- \$	0
SSM607749	1	- \$	400 \$	- \$	0
SSM607750	1	- \$	400 \$	- \$	0
SSM607751	1	- \$	400 \$	- \$	0
SSM607752	1	- \$	400 \$	- \$	0
SSM607754	1	- \$	400 \$	- \$	0
SSM607755	1	- \$	400 \$	- \$	0
SSM607756	1	- \$	400 \$	- \$	0
SSM607757	1	- \$	400 \$	- \$	0
SSM607758	1	- \$	400 \$	- \$	0
SSM607759	1	- \$	400 \$	- \$	0
SSM607761	1	- \$	400 \$	- \$	0
SSM607763	1	- \$	400 \$	- \$	0
SSM607764	1	- \$	400 \$	- \$	0
SSM607765	1	- \$	400 \$	- \$	0
SSM607766	1	- \$	400 \$	- \$	0
SSM607767	1	- \$	400 \$	- \$	0
SSM607768	1	- \$	400 \$	- \$	0
SSM607769	1	- \$	400 \$	- \$	0
SSM607770	1	- \$	400 \$	- \$	0
SSM607771	1	- \$	400 \$	- \$	0

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**2.1940**  
755trav - 99-04-08

**White River Property**  
Work done on summer 1998 by Barrick Gold Corporation

Annex 1

*W. 9940.00/08*

Mining Claim number	Number of claim units	Value of work performed	Value of work applied	Value of work assigned	Bank
SSM607772	1	- \$	400 \$	- \$	0
SSM607773	1	- \$	400 \$	- \$	0
SSM607774	1	- \$	400 \$	- \$	0
SSM607776	1	- \$	400 \$	- \$	0
SSM607777	1	- \$	400 \$	- \$	0
SSM607778	1	- \$	400 \$	- \$	0
SSM607779	1	- \$	400 \$	- \$	0
SSM607780	1	- \$	400 \$	- \$	0
SSM607781	1	- \$	400 \$	- \$	0
SSM607782	1	- \$	400 \$	- \$	0
SSM607783	1	- \$	400 \$	- \$	0
SSM607784	1	- \$	400 \$	- \$	0
SSM607785	1	- \$	400 \$	- \$	0
SSM607786	1	- \$	400 \$	- \$	0
SSM607787	1	- \$	400 \$	- \$	0
SSM607788	1	- \$	400 \$	- \$	0
SSM607789	1	- \$	400 \$	- \$	0
SSM607790	1	- \$	400 \$	- \$	0
SSM607791	1	- \$	400 \$	- \$	0
SSM607792	1	- \$	400 \$	- \$	0
SSM607793	1	- \$	400 \$	- \$	0
SSM607794	1	- \$	400 \$	- \$	0
SSM607795	1	- \$	400 \$	- \$	0
SSM607796	1	- \$	400 \$	- \$	0
SSM607797	1	- \$	400 \$	- \$	0
SSM607798	1	- \$	400 \$	- \$	0
SSM607799	1	- \$	400 \$	- \$	0
SSM607800	1	- \$	400 \$	- \$	0
SSM607801	1	- \$	400 \$	- \$	0
SSM607802	1	- \$	400 \$	- \$	0
SSM607803	1	- \$	400 \$	- \$	0
SSM607804	1	- \$	400 \$	- \$	0
SSM607805	1	- \$	400 \$	- \$	0
SSM607807	1	- \$	400 \$	- \$	0
SSM607808	1	- \$	400 \$	- \$	0
SSM607809	1	- \$	400 \$	- \$	0
SSM607810	1	- \$	400 \$	- \$	0
SSM607811	1	- \$	400 \$	- \$	0
SSM607812	1	- \$	400 \$	- \$	0
SSM607813	1	- \$	400 \$	- \$	0
SSM607814	1	- \$	400 \$	- \$	0
SSM607815	1	- \$	400 \$	- \$	0
SSM607816	1	- \$	400 \$	- \$	0
SSM607817	1	- \$	400 \$	- \$	0
SSM607820	1	- \$	400 \$	- \$	0
SSM607821	1	- \$	400 \$	- \$	0
SSM607822	1	- \$	400 \$	- \$	0
SSM607823	1	- \$	400 \$	- \$	0
SSM607824	1	- \$	400 \$	- \$	0
SSM607825	1	- \$	400 \$	- \$	0
SSM607826	1	- \$	400 \$	- \$	0
SSM607827	1	- \$	400 \$	- \$	0
SSM607828	1	- \$	400 \$	- \$	0
SSM607829	1	- \$	400 \$	- \$	0
SSM607830	1	- \$	400 \$	- \$	0
SSM607831	1	- \$	400 \$	- \$	0
SSM607832	1	- \$	400 \$	- \$	0
SSM607833	1	- \$	400 \$	- \$	0
SSM607834	1	- \$	400 \$	- \$	0
SSM607835	1	- \$	400 \$	- \$	0
SSM607836	1	- \$	400 \$	- \$	0

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**White River Property**  
Work done on summer 1998 by Barrick Gold Corporation

Annex 1

*W. 9940.00/08*

Mining Claim number	Number of claim units	Value or work performed	Value of work applied	Value of work assigned	Bank
SSM607837	1	- \$	400 \$	- \$	0
SSM607838	1	- \$	400 \$	- \$	0
SSM607839	1	- \$	400 \$	- \$	0
SSM607840	1	- \$	400 \$	- \$	0
SSM607841	1	- \$	400 \$	- \$	0
SSM607842	1	- \$	400 \$	- \$	0
SSM607843	1	- \$	400 \$	- \$	0
SSM607844	1	- \$	400 \$	- \$	0
SSM607845	1	- \$	400 \$	- \$	0
SSM607846	1	- \$	400 \$	- \$	0
SSM607847	1	- \$	400 \$	- \$	0
SSM607848	1	- \$	400 \$	- \$	0
SSM607849	1	- \$	400 \$	- \$	0
SSM607850	1	- \$	400 \$	- \$	0
SSM607851	1	- \$	400 \$	- \$	0
SSM607852	1	- \$	400 \$	- \$	0
SSM607853	1	- \$	400 \$	- \$	0
SSM607854	1	- \$	400 \$	- \$	0
SSM607855	1	- \$	400 \$	- \$	0
SSM607856	1	- \$	400 \$	- \$	0
SSM607857	1	- \$	400 \$	- \$	0
SSM607858	1	- \$	400 \$	- \$	0
SSM607859	1	- \$	400 \$	- \$	0
SSM607860	1	- \$	400 \$	- \$	0
SSM607861	1	- \$	400 \$	- \$	0
SSM607862	1	- \$	400 \$	- \$	0
SSM607863	1	- \$	400 \$	- \$	0
SSM607864	1	- \$	400 \$	- \$	0
SSM607866	1	- \$	400 \$	- \$	0
SSM607867	1	- \$	400 \$	- \$	0
SSM607868	1	- \$	400 \$	- \$	0
SSM607869	1	- \$	400 \$	- \$	0
SSM607870	1	- \$	400 \$	- \$	0
SSM607871	1	- \$	400 \$	- \$	0
SSM607872	1	- \$	400 \$	- \$	0
SSM607875	1	- \$	400 \$	- \$	0
SSM607876	1	- \$	400 \$	- \$	0
SSM607877	1	- \$	400 \$	- \$	0
SSM607878	1	- \$	400 \$	- \$	0
SSM607882	1	- \$	400 \$	- \$	0
SSM607883	1	- \$	400 \$	- \$	0
SSM607884	1	- \$	400 \$	- \$	0
SSM607885	1	- \$	400 \$	- \$	0
SSM607886	1	- \$	400 \$	- \$	0
SSM607887	1	- \$	400 \$	- \$	0
SSM607888	1	- \$	400 \$	- \$	0
SSM607889	1	- \$	400 \$	- \$	0
SSM607890	1	- \$	400 \$	- \$	0
SSM607900	1	- \$	400 \$	- \$	0
SSM607901	1	- \$	400 \$	- \$	0
SSM607902	1	- \$	400 \$	- \$	0
SSM607903	1	- \$	400 \$	- \$	0
SSM607904	1	- \$	400 \$	- \$	0
		70 021 \$	70 000 \$	64 400 \$	21

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**2.19404**

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Personal information collected on this form is obtained under the authority of subsection 8(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Compilation and lithogeochemical sampling			
Salary (Barrick Gold Corp.) 2 geologist, 1 technician			47,000
Assays (Chimitec)	391 assays		11,924
Contractor (Progigraph - digitalized)			1,803
<b>Associated Costs (e.g. supplies, mobilization and demobilization).</b>			
Drafting Materials			92
<b>Transportation Costs</b>			
Vehicle (location, fuel, repairs)			2,965
Flight			2,232
<b>Food and Lodging Costs</b>			
Meals & accomodation			4,005
<b>Total Value of Assessment Work</b>			70,021

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**Calculations of Filing Discounts:**

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total \$ value of worked claimed.

**Note:**  
 - Work older than 5 years is not eligible for credit.  
 - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

**Certification verifying costs:**

I, CAROL PERRY, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work Form as Agent I am authorized to make this certification.

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Signature: Carol Perry Date: April 8, 99

Geoscience Assessment Office  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (888) 415-9846  
Fax: (877) 670-1555

August 13, 1999

LAC EXPLORATION INC.  
2, Chemin Bousquet  
Route 395  
Preissac, QC  
J0Y 2E0

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.19404

**Status**

**Subject: Transaction Number(s):** W9940.00108 Approval After Notice

---

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Bruce Gates by e-mail at [bruce.gates@ndm.gov.on.ca](mailto:bruce.gates@ndm.gov.on.ca) or by telephone at (705) 670-5856.

Yours sincerely,



ORIGINAL SIGNED BY  
Blair Kite  
Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

---

**Submission Number:** 2.19404

**Date Correspondence Sent:** August 13, 1999

**Assessor:** Bruce Gates

---

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9940.00108	607733	BOMBY, BROTHERS, LABERGE	Approval After Notice	August 09, 1999

**Section:**

13 Geochemical GCHEM

The 45 days outlined in the Notice dated June 25, 1999 have passed.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

**Correspondence to:**

Resident Geologist  
Thunder Bay, ON

**Recorded Holder(s) and/or Agent(s):**

Carol Perry  
PREISSAC, QUEBEC, CANADA

Assessment Files Library  
Sudbury, ON

LAC EXPLORATION INC.  
Preissac, QC

---

# Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

**Date:** August 13, 1999

**Submission Number:** 2.19404

---

**Transaction Number:** W9940.00108

<u>Claim Number</u>	<u>Value Of Work Performed</u>
607733	3,641.00
607740	2,560.00
607753	1,263.00
607760	686.00
607762	1,048.00
607775	1,048.00
607806	625.00
607865	994.00
607873	8,551.00
607874	1,676.00
607879	4,705.00
607880	1,375.00
607881	880.00
625633	740.00
<b>Total: \$</b>	<b>29,792.00</b>

---



**REFERENCES**

**AREAS WITHDRAWN FROM DISPOSITION**

- M.R.D. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M. & S. - MINING AND SURFACE RIGHTS

Description Order No. Date Disposition File

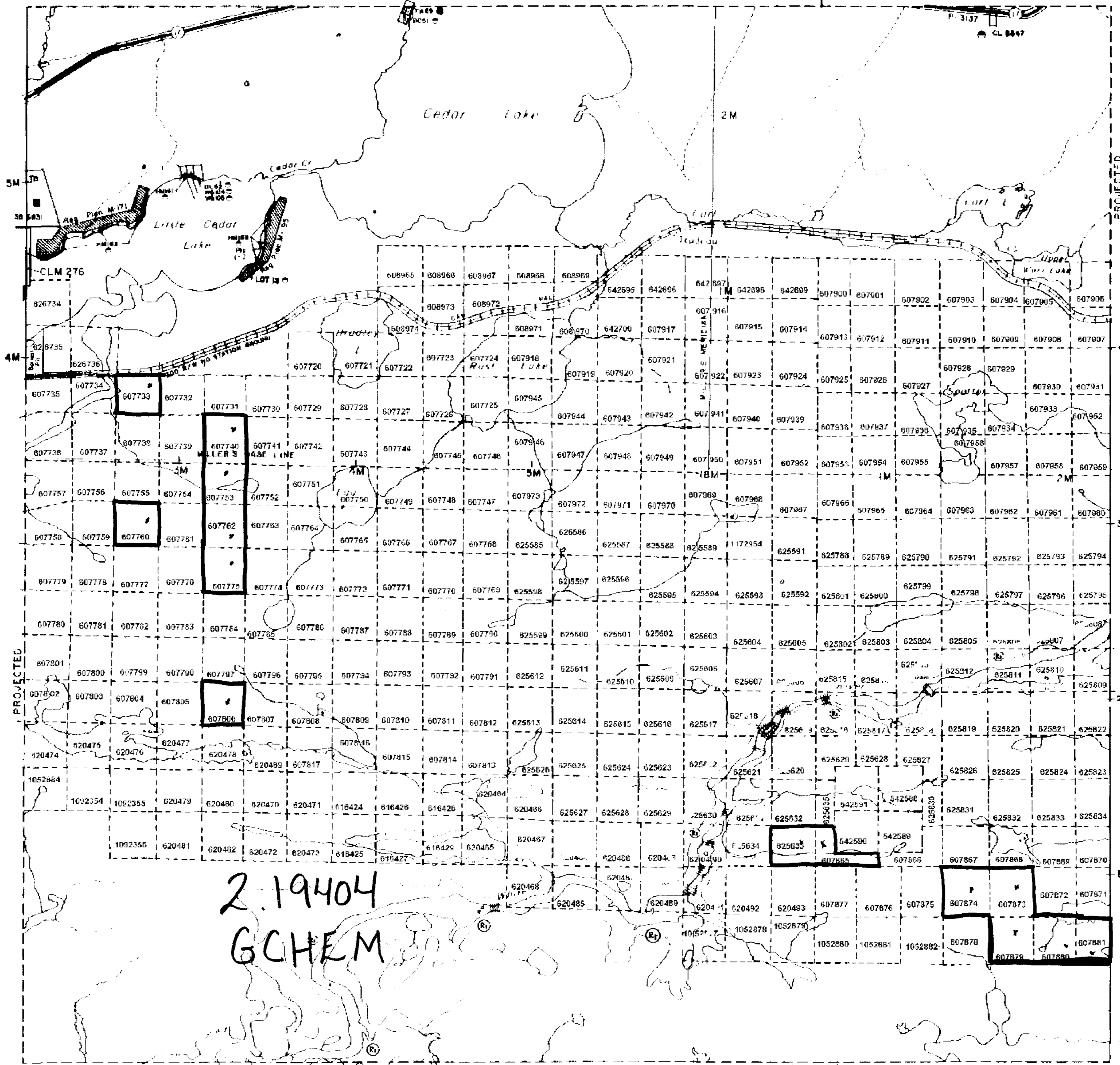
(R) Sec. 25 W.L.L. P. 1506-99 QNT. MAY 10 89 S & M  
(200 METRES FROM WATER'S EDGE)

FLOODING RIGHTS ON THE WHITE R. GRANTED TO ONTARIO  
HYDRO TO CONTOUR ELEVATION 1080'. FILE: 113986  
(SHOWN THIS)

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

WABIKOBA LAKE G-620

WHITE LAKE (S.P.T.)  
G-623



2.19404  
G.CHEM

HERRICK LAKE G-3768

**LEGEND**

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

**DISPOSITION OF CROWN LANDS**

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	
LAND USE PERMITS FOR COMMERCIAL TOURISM/OUTPOST CAMPS	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

**BROTHERS**

M.N.R. ADMINISTRATIVE DISTRICT  
**TERRACE BAY / WAWA**  
MINING DIVISION

**SAULT STE. MARIE / THUNDER BAY**  
LAND TITLES / REGISTRY DIVISION  
**THUNDER BAY**



Ministry of Natural Resources  
Land Management Branch

NOVEMBER 8, 1983

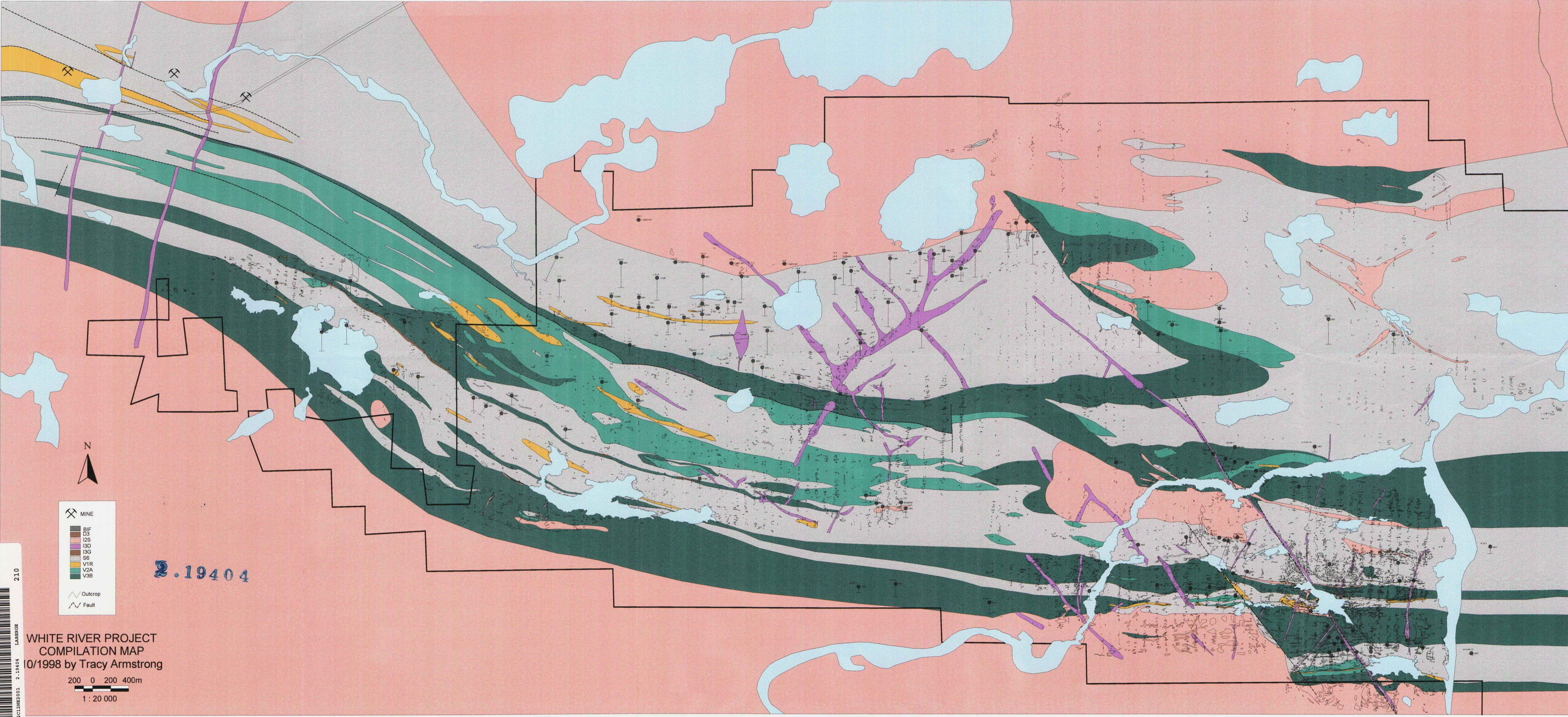
DATE: AUGUST, 1984

March 21, 1988

Map No: **G-3172**







2.19404

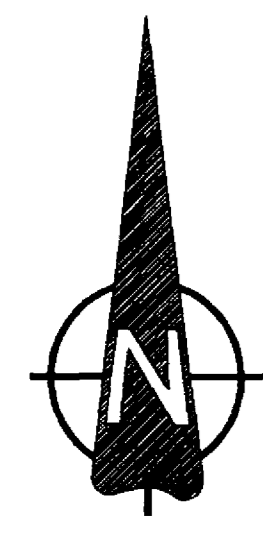
- MINE
- BIF
- D3
- I2S
- I3D
- I3G
- S6
- V1R
- V2A
- V3B
- Outcrop
- Fault

WHITE RIVER PROJECT  
COMPILATION MAP  
10/1998 by Tracy Armstrong

200 0 200 400m  
1 : 20 000

210  
LABERGE  
4212192001 2.19404





614

17

BOMBY TWP.

BROTHERS TWP.

LABERGE TWP.

HEMLO GOLD DEPOSITS

Molson Lake

Alder Creek

Dunc Lake

White Lake

Elora Lake

Cedar Lake

Little Cedar Lake

Carl Lake

WHITE LAKE

PROVINCIAL

PARK

Der Lake

WHITE

Rust Lake

Bradley Lake

Egg Lake

Okadak Creek

Bay

Wynne Lake

White River Dam

BOMBY TWP.

BROTHERS TWP.

Spangle Lake

Fearless Lake

Bananish Lake

Animons Lake

Jumbo Lake

Mashigomin Lake

Osakabukuta Lake Area

2.19404

LAC EXPLORATION INC. (Canada Exploration)

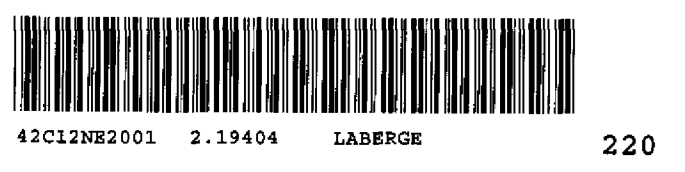


WHITE RIVER PROPERTY CLAIMS MAP

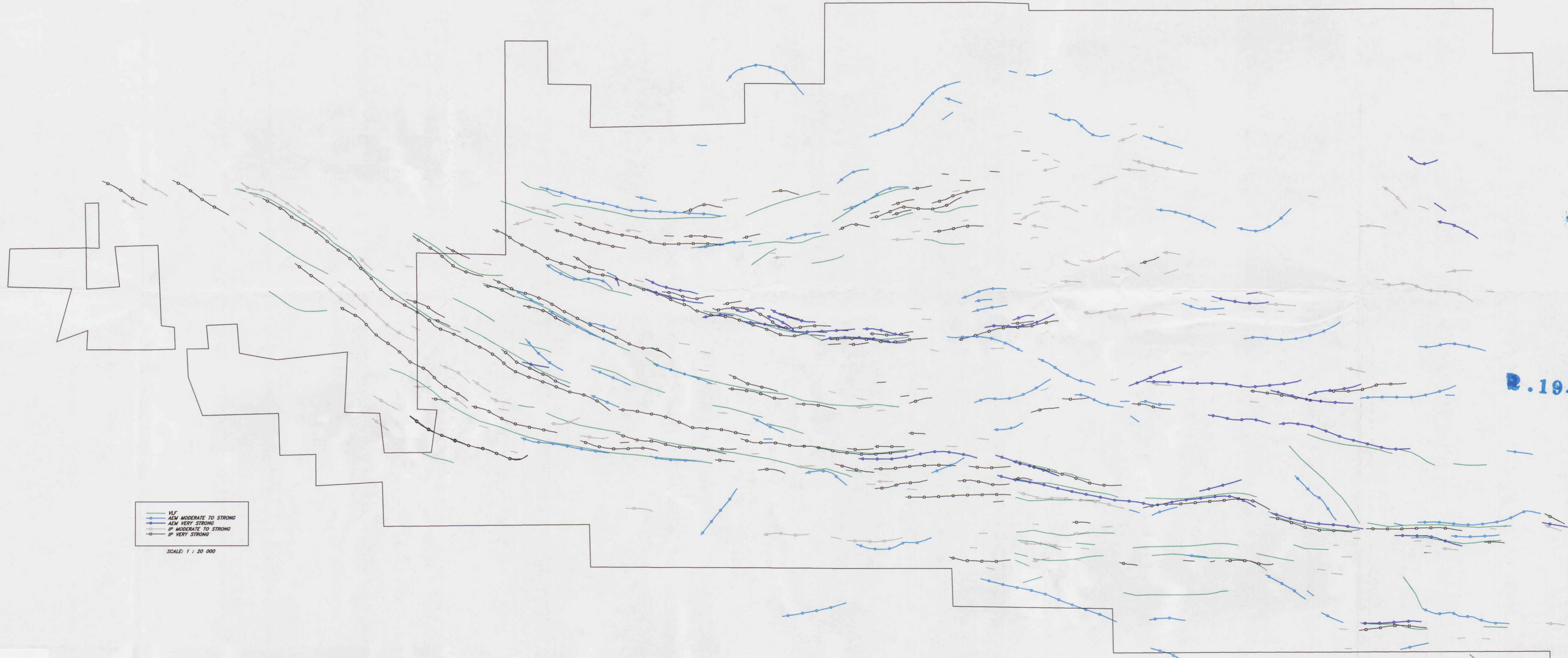
1 : 20 000



P:\755\DWG\CLAIMS\755CLAIM.DWG







R.19404

VLF  
 AEM MODERATE TO STRONG  
 AEM VERY STRONG  
 IP MODERATE TO STRONG  
 IP VERY STRONG  
 SCALE: 1 : 20 000