

GEOLOGICAL SURVEY BRANCH

Misty Mineral claims

93N 14W

OMINECA M.D.

125 32 West Longitude 55 55 North Latitude

Prospecting Report

Nov. 2001

By

L.B.Warren

Table of Contents

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Subject	<u>Page #</u>
Summary and Conclusions	1
Location and access	2
Physiography	2
Property Status and ownership	3
Exploration History and Regional Geology	4
Property Geology	5
Mineralization	6
Prospecting program	7
Cost statement	8
Assay Results	9
Precious Metal Assays	10
List of References	11
Statement of Qualifications	12

Figures

Fig. 1	Following Page 2
Fig. 2	** 3
Fig. 3	4
Fig. 4	5
Fig. 5	5
Fig. 6	7

Summary and conclusions Misty prospecting program 2001

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A total of 14 mandays were spent prospecting the Mist 3-6 in detail. Few outcrops were sampled because of the cost of assaying for Platinum group metals. However examination of the cat trenchs, outcrop and drill core indicates that there may be evidence of Magma cumulate differentiation with development of basic to ultrabasic fractions. The copper assays were a complete surprised considering the amount of visible sulphides present in the samples. One possibility may be that the copper is tied up with the dark mafic sections and not visible to the naked eye.

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RECOMMENDATIONS

A program of detailed large volume soil/talus samples is recommended. These samples should be panned down and examined under a microscope to identify samples containing high percentages of dark metallic minerals. These samples could then be assayed for platinum group metals.

LOCATION AND ACCESS

The Misty 4-6 mineral claims are situated at 125 degrees 32 minutes Longitude and 55 degrees 55 minutes Latitude in the Omineca Mining Division, B.C. The claims are approximately 55 Km's North west of Ger4mansen landing and 165 Km's Northeast of Smithers, B.C. (Figure 1, Figure 2)

A rough four wheel drive road gives access from Germansen Landing via the old Omineca Mine road north for 26 miles from Germansen Landing then west for 19 miles via the rough 4x4 road to the area of the Misty claims. The road is used during the summer by Eastfield Resources to access the Lorraine Property. Access to the Misty claims needs repair and we accessed it by Helicopter from our base camp @ Silver Creek (summer base for Interior Helicopters Ltd.). It is only a ten minute flight to the center of the claims from the Silver Creek Base Camp.

PHYSIOGRAPHY

Elevations on the property range from 1,300 metres in the broad valley bottoms, up to 1600 metres on the ridges. The valley areas below tree line are swampy with dense coniferous tree cover. Above tree line at approximately 1,600 metres, vegation thinsto sparse stunted conifers with extensive steep scree slopes and cirques which commonly contain small lakes and ponds.



PROPERTY STATUS AND OWNERSHIP

The Misty property consists of four 2 post mineral claims covering the old trenchs and drill sites.

<u>Claim Name</u>	<u>Record No.</u>	Expiry date *					
	*						
Mist 3	380398	Sept. 11,2004					
Mist 4	380398	Sept. 11,2004					
Mist 5	380400	Sept. 11,2004					
Mist 5	380401	Sept. 11,2004					

The claims are owned by L.B. Warren

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* with the acceptance of this prospecting report.

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FIG.2

Index to Showings

<u>Map Symbol</u>	Showing Name
A	Boundary Zone
В	Creek Zone
С	Midway Showing
D	Ridge Showing
E	Sam Zone
F	Cirque Showing
G	Fault Showing
Н	Misty Showing
J	Lorraine Cu/Au Deposit
0	Claim Line Showing (2000)
Р	Chris Flt. Showing
Q	Aran Cu/Au Showing(Ass. Report # 21,307)
R	Cu/Au Soil Anomaly (Ass. Report # 21,307)
S	Perretts Cliff Showing (Ass. Report # 21,307)

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Exploration History

The ground covered by the Mist claims was first staked in 1948 by G.T. Warren for Kennco Explorations Ltd. The property was mapped and sampled in 1949 and then allowed to lapse. The property was restaked in 1960 by A.D. Wilmot and G.T. Warren for Fort Lreliance Minerals Limited. They carried out a ground magnetometer survey, a soil geochemical survey and some surface trenching in 1962 and 1963; subsequently they allowed the claims to lapse.

In 1968, the claims were re-staked by A.D. Wilmot for El Paso Mining and Milling Company. El Paso carried oout an extensive exploration program from 1970 to 1973 consisting of diamond drilling, trenching and geophysics leading to the delineation of a 3 million ton copper deposit grading 0.63 %.

Re-staked in 1989 by Aranlee Resources to investigate the possibility of enriched precious metals values occurring both within and peripheral to the known deposit. A number of targets were outlined for follow-up in 1991, with the collapse of Flow Through Financing no further work was done.

L.B. Warren staked the property several times from 1995 up to the present staking of the Mist claims.

REGIONAL GEOLOGICAL SETTING

The Misty property occurs within strongly foliated rocks of the Duckling Syenite complex, (Fig. 4). This complex forms part of one intrusive phase of the Southern Hogem Batholith, a Late Triassic to Early Jurassic composite granitic intrusive (Garnett – 1978). The Southern Hogem Batholith extends in a NNW direction within a narrow belt of Lower Mesozoic rocks. It is bounded to the east by highly deformed Proterozoic and Palaeozoic strata and to the west by deformed Upper Palaeozoic strata. A major fault structure, the Pinchi Fault Zone, bounds the Batholith on it's Western Margin.

The Duckling Syenite Complex is elongated in a northwesterly direction and contains both intrusive and migmatised rock units showing considerable compositional diversity. The greatest intensity of faulting within the Hogem Patholith occurs in this complex.



······	T		
		8 Quartz Monzonite (phase 1) 7 Grandiorite (phase 1)	
		6A Potassium Enriched Monzonite (phase 2)	
		6 Syenile (phase 2)	
		5 Monzodiorite (phase 1)	
		4 Diorite (phase 1)	
		1 Foliated Basement Rocks	
		CC Cache Creek Sediments	
-11 ×			
		Foliated Zones (phase 2)	
	••• .		
	•-	Fault	
· · ·	€ A		
]	x SHOWINGS	
	•	A Boundary H Misty	
		B Creek I Cal/Bei	
		C Midway J Lorraine	
		D Ridge K Rondah	
		E Sam L Dorothy	
		F Cirque M Elizabeth	
		G Fault N Duckling	
· .			
		Kilometers	
		Misty 2001 Project	
	l i	OMINECA MINING DIVISION	
		(mouned from Gill 1997)	
		Fig. 4	
			·
		Date: NOU. Scale: As Shown	
	<u> </u>		

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56°00'

PROPERTY GEOLOGY

Three main rock types are recognized within the property: Hornblende monzonite, orthosyenite and pegmatite. These rock types show much variation in texture and are gradational from one to the other,

The hornblende monzonite is the most common lithology and comprises hornblende, biotite, plagioclase and k-feldspar, with wide variations in the content of the mafics and K-feldspar. Texturally the unit grades from medium grained to pegmatitic and foliation varies from moderate to intense. The development of gneissic banding is very common. In some areas the hornblende monzonite shows evidence of magma cumulate differentiation with the development of basic to ultrabasic fractions.

The orthosyenite varies from fine grained to pegmatitic in texture and is composed predominatly of K-feldspar with few mafic elements. The orthosyenite freq;uently occurs as dy;kes cross- cutting the hornblende monzonite.

The pegmatite consists of feldspar (85%) and Hornblende (15%) and mainly occurs as dykes, cutting the other main lithologies.

MINERALIZATION

The documented copper mineralization within the property consists of that discovered by El Paso Mining and Milling Company (Jones and Francis, 1971: Jones 1972 and 1973).

The preliminary copper inventory outlined by El Paso occurs within a northwesterly trending fault zone., The mineralized zone is 500 metres long averaging 11 metres wide and extending to at least 170 metres in depth. Rough reserves were calculated at 3 million tons grading 0.63 % Cu (Jones 1989) Mineralization occurs in strongly choloritised, K-feldspar altered , hornblende biotite gneiss within hornblende monzonite. The best mineralized sections within the hornblende biotite gneiss are associated with cross-cutting syenite dykes, orthoclase veins, k-feldspar and chlorite alteration and strong foliation, faulting and fracturing. These more intensely altered and mineralized sections show an enriched magnetite content relative to the less altered, less foliated surrounding rock.

Mineralization consists of disseminated sulfide phases, principally chalcopyrite and pyrite, with veinlets of chalcopyrite and pyrite common along the contact margins of cross-cutting dykes and orthoclase veins. Bornite was observed both in the old core stored on the property and in outcrops along some of the old cat trenchs.

On the Tam /Jan property (Boundary Deposit) immediately to the north, mineralization occurs as chalcopyrite/Bornite disseminations within lenticular lenses of foliated fine grained syenite (Garnet, 1978). The chalcopyrite occurs along northwesterly trending foliation planes within the syenite. The syenite is cut by quartz veins containing chalcopyrite which is thought to represent a second minor mineralizing stage. Bornite was observed throughout the old core and in fault zones on this property by Warren in 1999. (Jan prospecting report 1999).

Similarly on the Lorraine Claim Group, mineralization occurs in similar rocks. (2001 updated reserves Approx. 30 million tons)

PROSPECTING PROGRAM 2001

During the 2001 season several trips were made to the Misty property. A helicopter was used to access the property because it was based at the Silver Creek camp and was very cost effective to use. Day trips consisted of at least 2 people and some times as many as four prospectors were on the property looking at the outcrops /drill core and trenchs.

The main goal of the prospecting was to find out if precious metals occur with the copper minerals. The few samples sent in for assay were checked for Au, Ag, and the platinum group metals. The results indicated that these elements are present in significant enough amounts to undertake a more extensive sampling program next season. A new copper zone off to the West of the main fault related copper mineralization will need extensive prospecting and a new soil grid.

The results for the platinum group metals indicated that they are present and more sampling will have to be done on the old drill core and by re-sampling the old trenchs after they have been cleaned out and re-blasted to expose fresh rock.



COST STATEMENT

Labour	L. Warren	4 days @ \$350/day	\$1450.00
	W.Luck	6 days @ \$260/day	1500.00
•	B.Garner	2 days @ \$150/day	300.00
	J. Mirko	2 days @ \$350/day	700.00
Helicopter	1.5 hrs.	\$799/Hr. all inclusive	No charge
Room and Board	14 mandays	\$65/man/day	910.00
Truck	5 days	\$75/day	375.00
Assays	7 rock and ICP an	d Pd and Pt.	316.99
Report	Maps		250.00

Total costs of project

\$ 5801.99



Assayers Canada 8282 Sherbrooke St. Vancouver, B.C. V5X 4R6 Tel: (604) 327-3436 Fax: (604) 327-3423

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Page 10

Geochemical Analysis Certificate

CJL Enterprises

1V-0472-RG2

Nov-14-01

Project: Attn: Lorne B. Warren

Company:

:

We *hereby certify* the following geochemical analysis of 8 rock samples submitted Oct-31-01

Sample Name	Au ppb	Pt ppb	Pd ppb	
Aran-1	106	<5	16	
M~1	190	<5	5	
M-2	645	< 5	7	
M-3	619	<5	7	
M-4 (Drill Core)	2	<5	5	
M-5	773	<5	13	
M-6	196	9	40	
M-7	46	15	36	
DUP Aran-1	110	5	20	
				_

Certified by

LIST OF REFERENCES

Garnet, J.A. (1978)- Geology and Mineral occurrences of the Southern Hogem Batholith, B.C. Min. of Mines and Petroleum Resources, Bulletin 70

Jones, H.M. (1973) – Report on the 1973 Exploration program, Misty property, Dkuckling Creek area, Omineca Mining Division, B.C., Report filed with the B.C. Dept. of Mines re: Reclamation permit.

Major General Resources, Assessment Report # 22,265

Various other assessment Reports see Assessment report index map.

O'Keeffe, N and Shearer, J.S. (1990) – Geological, Prospecting and Geochemical Assessment report on the Misty Group Claims, Duckling Creek area, Omineca Mining Div. B.C. # 21307

Lorne B. Warren

Statement of Qualifications

1963 – Geological Assistant – Mastodon Highland Bell - Gordon Hilchey – Geologist - Dome Mountain Area.

1964 - Geological Assistant - Phelps Dodge Corp. Stikine area.

1965 – Prospector/Geological Assistant Native Mines.

1966 – 1971 – Full time field tech / line cutter/ Prospector Manex Mining Ltd. –M.J. Beley – Manager

1971 –1979 – Granby Mining Corp. – Field Supervisor, Office manager, Supervised Drill programs- Logged drill core and percussion drill cuttings.

1979 – Present – President and Manager of CJL Ent. Ltd., Kengold Mines Ltd. And Angel Jade Mines Ltd. – Placer mining/contract exploration work/Full time prospecting.

CJL Enterprises

Attention: Lorne B. Warren

Project:

Sample: rock

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6	Report No	:	IV0472 RJ
Tel: (604) 327-3436 Fax: (604) 327-3423	Date	:	Nov-14-01

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

	Sample Number	Ag ppm	AI %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
	103N-1	0.2	0.23	5	20	<0.5	<5	0.35	<1	7	285	17	1.61	0.14	0.Z4	410	2	0.04	22	150	38	<5	1	<10	8	<0.01	5	<10	2	30	2
	103N-2	<0.2	0.03	<5	<10	<0.5	<5	0.01	<1	1	365	7	0.53	0.01	0.01	35	4	0.02	11	10	2	<5	<1	<10	1	< 0.01	1	<10	<1	17	1
	L100+50N 102+06E	2.4	0.14	1445	40	<0.5	<5	0.01	<1	1	229	9	1.10	0.17	0.02	20	2	0.01	11	30	84	15	<1	<10	9	< 0.01	3	<10	<1	93	1
	LBW-04	<0.2	0.02	<5	20	<0.5	10	0.04	<1	59	177	150	11.58	0.02	0.02	245	≪2	0.01	57	110	22	5	<1	<10	< 1	<0.01	14	<10	<1	19	7
	LBW-24	<0.2	0.01	5	<10	<0.5	<5	<0.01	<1	4	300	18	0.80	0.01	0.01	25	4	0.01	15	10	4	<5	<1	<10	<1	<0.01	1	<10	<1	12	1
	LBW-25	26.6	0.02	< 5	<10	<0.5	165	0.01	1	2	271	10	0.48	0.0Z	0.01	35	z	0.01	10	10	2042	<5	<1	<10	<1	<0.01	1	<10	<1	17	1
	LBW-26	<0.2	0.91	<5	30	0.5	< 5	0.40	<1	9	261	22	2.93	0.23	0.74	435	2	0.03	31	400	22	5	3	<10	8	0.02	25	<10	3	69	3
	LBW-29	1.4	0.14	1685	50	<0.5	5	0.01	<1	1	194	8	1.50	0.21	0.02	40	2	0.01	8	100	360	30	1	<10	29	<0.01	4	<10	1	20	1
	LBW-30	0.2	0.54	10	50	0.5	<5	0.07	<1	1	97	11	0.48	0.30	8.04	35	2	0.03	4	340	18	< 5	1	<10	11	< 0.01	4	<10	3	26	13
	LBW-32	0.2	0.18	15	10	<0.5	<5	0.03	<1	3	173	22	1.62	0.15	0.05	205	2	0.01	14	120	10	5	<1	<10	2	<0.01	3	<10	2	47	2
	Aran-1	9,8	2.68	<5	510	0.5	<5	2.17	<1	24	94	>10000	5.63	1.28	1.29	855	<u><2</u>	0.64	24	3790	28	<5	3	_<10		0.19	169	<10	9	114	
	M-1	4.2	1.44	<5	40	1.0	<5	1.58	1	12	64	9196	4,46	0.36	0.36	910	<2	0.16	8	2590	26	<5	2	≺10	113	0.09	153	<10	8	116	15
	M-2	5.6	1.10	<5	50	1.0	<5	1.56	<1	26	45	>10000	B.94	0.34	0.55	1490	<2	0.13	13	3100	34	<5	3	<10	94	0.14	311	<10	в	177	22
Ж	M-3	10.2	1.04	<5	30	1.5	5	1.11	1	13	38	>10000	2.54	0.16	0.41	625	2	0.07	10	1890	42	<5	2	<10	170	0.06	60	<10	5	107	13
	M-4 (Drill Core)	<0.2	2.86	<5	140	3.5	<5	2.72	<1	14	62	110	7.71	0.72	1.50	2090	<2	0,58	14	2000	12	5	23	<10	454	0.14	323	<10	12	168	39
52	M-5	20.2	1.42	<5	40	1.0	10	2.60	<1	28	47	>10000	9.44	0.45	0.84	1740	<2	0.21	12	4380	54	< 5	4	<10	76	0.12	365	<10	12	189	19
Ξ.	M-6	4.2	0.31	<5	90	<0.5	5	0.54	<1	54	35	9517	6.75	0.27	0.08	280	<2	0.04	21	2890	26	5	1	<10	112	0.05	164	<10	5	107	8
	M-7	1.6	0.51	<5	100	0.5	5	0.30	<1	26	32	480	12.28	0.52	0.24	810	<2	0.05	15			5	1	<10	228	0.08	312	<10	1		12.
	HGS-1	7.0	0.55	590	130	0.5	10	0.74	25	11	44	183	7.64	0.43	0.32	2215	14	0.02	44	1000	5984	10	3	<10	23	<0.01	36	190	11	>10000	8
	HGS-2	<0.2	2.77	15	110	0.5	<5	0.51	<1	9	41	37	4.23	0.22	1.28	320	<2	0.16	18	770	22	10	3	<10	102	0.08	42	<10	6	90	3

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.1.H20.

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Signed:

.



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

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

ΙΝΥΟΙCΕ

To: CJL Enterprises Box 662 Smithers, BC Canada, VOJ 2NO

Invoice	No.	42114
Invoice	Date:	15-Nov-01
Account	Number:	0096
File:		1V0472

Attention: Lorne B. Warren

Item	Qnty.	Description	Unit Price	Amount
1	150	Sample Prep:Soil	1.80	270.00
2	20	Sample Prep:Rock	5.25	105.00
3	8	Sample Prep:Sediment	1.80	14.40
4	8	Fire Geochem:Au, Pd, and Pt	18.00	144.00
5	168	Fire Geochem:Gold, 15g	8.50	1428.00
б	178 -	ICP:Aqua Regia Leach	8.00	1424.00
Notes:	:		Sub-Total:	3385.40
			GST: (R100294743)	236,98
		\$ 316,99 For Misty Project	Total:	\$3622.38
		fisw.		

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