

ARIS SUMMARY SHEET

District Geologist, Prince George

Off Confidential: 92.07.02

ASSESSMENT REPORT 21642

MINING DIVISION: Omineca

PROPERTY: Sam
LOCATION: LAT 56 04 00 LONG 125 25 00
UTM 10 6215918 349548
NTS 094C03W
CLAIM(S): Sam 1-4
OPERATOR(S): Reierson J.B.
AUTHOR(S): Reierson J.B.
REPORT YEAR: 1991, 9 Pages
COMMODITIES
SEARCHED FOR: Gold
KEYWORDS: Diorite, Alteration, Veins, Chalcopyrite, Magnetite, Specularite
WORK
DONE: Prospecting
PROS 10.0 ha
MINFILE: 094C

LOG NO: SEP 24 1991 RD

ACTION:

FILE NO:

Assessment Report

Sam 1, Sam 2, Sam 3, Sam 4, Grouped under Claim Sam 1

Prospecting Report

Omineca Mining Division

NTS 94C 3W

LAT. 56°4' Long 125° 27'

Owner/Operator J. Brien Reiersen

Author J. B. Reiersen

RECEIVED

SEP 19 1991

GOVERNMENT AGENT
SMITHERS, B.C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

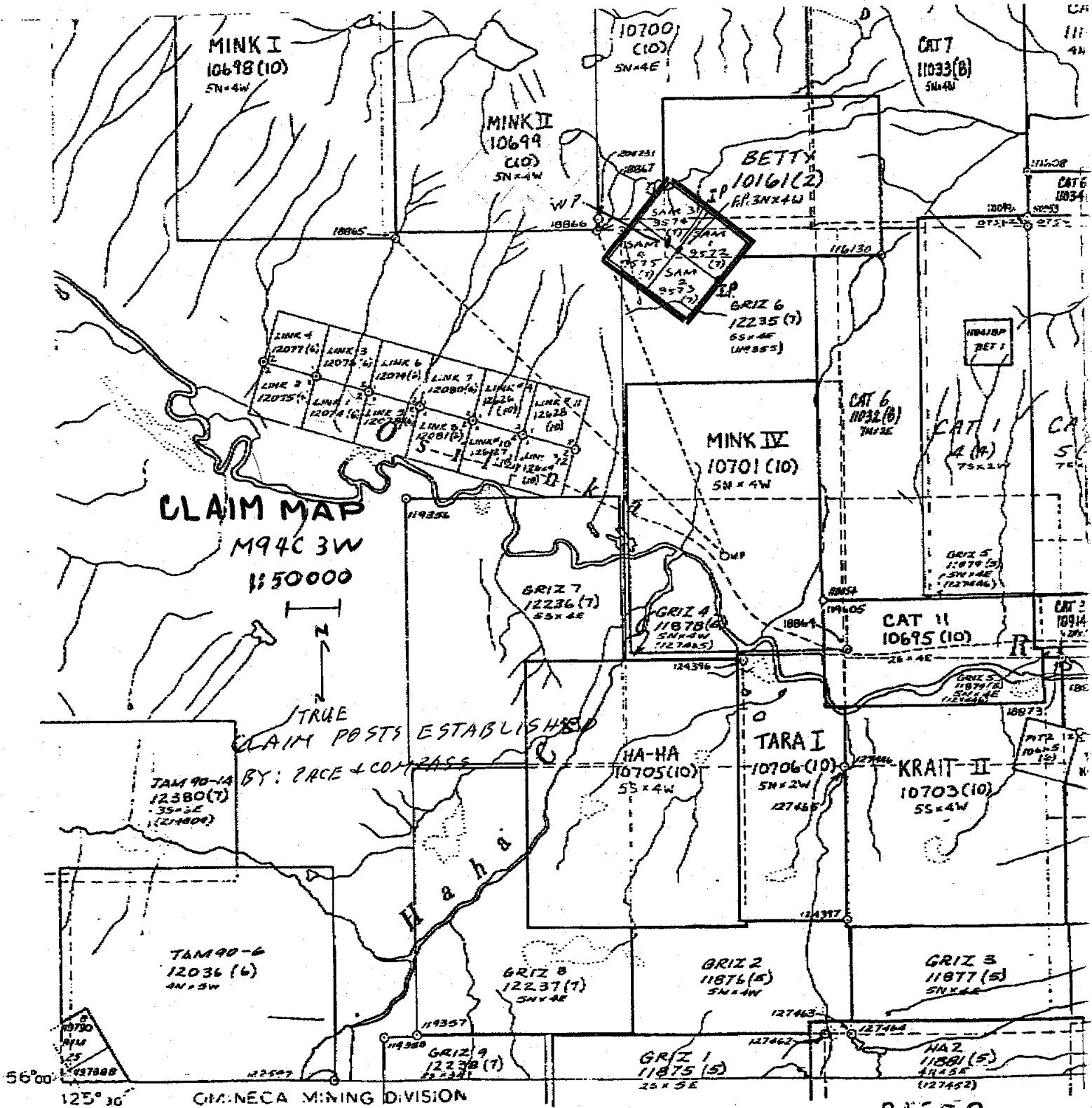
21,642

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INTRODUCTION

Location:

The Sam claims are located 4km Northwesterly (336°) of the confluence of Ha Ha Creek and the Osilinka River.

Coordinates of the claims are 56° Latitude, $125^{\circ} 27'$

Longitude.

Access to the Property is via the Omineca Mining Access Road from Ft. St. James to the Osilinka river bridge approximately 264 km thence 8 km Westerly along the logging road on the North side of the Osilinka River. From that location it is a 5 minute flight by helicopter to the claims.

Topography:

The claims are located above timberline in very rugged terrain at an elevation of 1800 meters.

History of Property:

This property was first discovered and staked in 1981 by J. Brien Reierson. He located the Joy and Jewel 2 post claims in August 1981 and recorded them Sept 28, 1981.

The claims were then allowed to lapse until July 18, 1988 when they were restaked as the Sam 1, Sam 2, Sam 3, Sam 4, by J. Brien Reierson and are operated by him.

Mineralization:

The Minerals are chalcopyrite, magnetite and specularite in altered diorite veins varying in width from .5 meters to 10 meters.

This area is part of the Hogem Batholith.

Sampling:

The claims were prospected and sampled for possible gold values. We took 12 samples and 12 soil samples as shown on the page 7 map.

Conclusion:

Veins F, H, I, K and L should be trenched and chip sampled. Soil samples should be taken on Sam 1 and Sam 3 in the cirque basins.

COST STATEMENT

June 22, 1991; June 25, 1991 - June 28, 1991

Man Days:

J. Brien Reierson	5 days @ \$250.00/day	\$1250.00
Darlene M. Reierson	4 days @ \$100.00/day	\$ 400.00

Transportation:

Helicopter		\$ 544.92
Truck		\$ 181.54

Food:

June 22, 1991	One person \$20.00/day	\$ 20.00
June 25, 1991 - June 28, 1991	Two persons \$40.00/day	\$ 160.00

Sample Analysis:

	<u>\$ 355.68</u>
	\$2912.14

STATEMENT OF QUALIFICATIONS

I John Brien Reierson of Germansen Landing British Columbia certify that:

1. I am a prospector residing at The Rock, Gen Del. Germansen Landing, British Columbia, VOJ 1TO.
2. I successfully completed the advanced prospecting course in 1989 and the Petrology for Prospectors in 1990.
3. I have been prospecting since 1979.



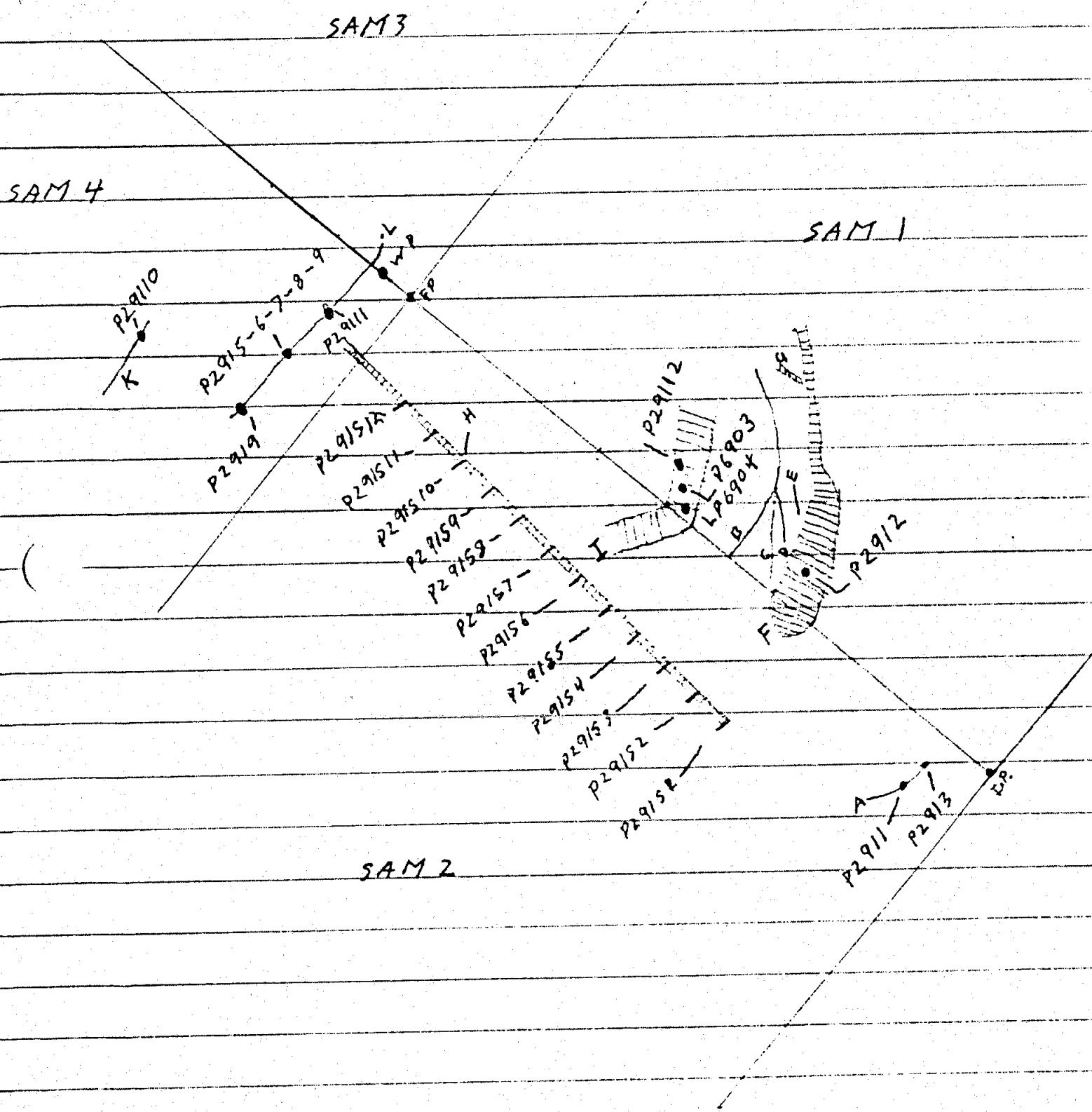
John Brien Reierson

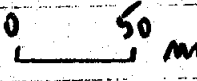


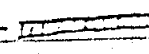
June 27, 1991

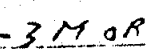
SAMPLE LOCATIONS

CLAIM POSTS ESTABLISHED BY: PACE + COMPASS



1 CM : 33.3 M 

VEINS -  F, H, I

VEINS - 3 M OR LESS -  A, B, C, D, E

P6904 ROCK 630 PPB } 1990

P6903 ROCK 110 PPB }

W.P. - WITNESS POST SAM 3 + 4



AMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	V	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
29151	2	40	33	65	2	4	12	411	4.76	53	5	ND	4	20	2	2	2	54	.36	058	19	2	.17	123	.01	4	1.31	.01	.12	1	10.1
29152	1	249	20	106	7	7	15	276	4.92	42	5	ND	6	39	2	2	3	109	1.01	202	24	4	.40	301	.01	5	3.87	.01	.16	1	64.5
29153	1	482	14	131	3	8	32	4131	7.71	23	5	ND	6	46	2	2	4	88	.94	237	26	6	.99	573	.02	3	2.82	.01	.14	1	56.4
29154	1	326	16	109	1	11	18	1951	5.00	7	5	ND	2	112	4	2	3	80	.87	194	19	8	1.01	193	.04	4	3.34	.01	.15	1	10.3
29155	1	110	10	92	1	6	16	1738	4.60	4	5	ND	3	38	2	2	3	91	.60	130	15	4	.89	205	.04	3	1.86	.02	.17	1	9.0
29156	1	274	25	215	1	7	23	2195	7.80	7	5	ND	4	78	2	2	6	98	.82	218	29	6	1.00	572	.03	2	3.39	.01	.13	1	8.6
29157	1	315	27	123	1	14	19	1714	5.66	7	5	ND	2	71	2	2	4	80	.76	193	21	13	1.06	227	.04	3	3.06	.01	.14	1	10.3
29158	1	290	16	152	1	7	25	3352	7.39	5	5	ND	6	52	2	2	6	108	.94	284	25	4	1.26	222	.02	2	2.93	.01	.12	1	4.9
IE P29155	1	110	7	91	1	8	16	1731	4.62	3	5	ND	3	37	3	2	4	91	.60	130	15	3	.90	200	.04	3	1.85	.02	.17	1	10.7
29159	1	298	27	108	2	14	19	1672	5.73	6	5	ND	2	64	2	2	6	94	.71	225	22	12	1.14	654	.03	4	3.33	.01	.13	1	12.0
P291510	1	235	5	100	2	7	31	1504	8.13	5	5	ND	7	111	2	2	3	124	1.48	233	20	4	.83	12982	.03	2	6.04	.03	.15	1	4.5
P291511	1	224	26	116	2	8	29	3610	6.01	13	5	ND	7	88	3	2	7	100	1.01	234	34	5	.68	3770	.04	6	3.10	.01	.19	1	20.0
P291512	1	173	23	104	3	8	25	3261	5.40	9	5	ND	4	121	3	2	3	85	.81	168	32	4	.52	3754	.02	2	3.10	.01	.16	1	31.0

Brian Keenan

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604)253-3158 FAX (604)253-1716



GEOCHEMICAL ANALYSIS CERTIFICATE

General (TW)



Noranda Exploration Co. Ltd. PROJECT 9108-064 240 File # 91-3529 Page 1

1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	V	Au*	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
P2911	6	333	5	118	.6	7	203	1079	26.91	46	5	ND	3	5	2	2	2	58	.04	016	2	47	.64	35	.01	5	2.00	.01	.02	72	16	
P2912	3	311	2	50	.1	10	13	860	5.21	3	5	ND	4	33	2	2	2	173	1.14	156	11	79	.77	48	.12	4	1.08	.06	.19	1	6	
P2913	5	4221	2	119	3.5	6	77	1018	36.91	13	5	ND	4	4	2	5	2	52	.08	028	2	88	.46	38	.01	13	1.63	.01	.07	182	14	
P2914	1	75	6	40	.1	4	7	661	2.50	2	5	ND	3	50	2	2	5	38	.88	048	24	13	.08	319	.01	5	.60	.03	.25	2	5	
RE P2919	2	169	4	37	.1	8	14	730	4.74	2	5	ND	5	38	2	2	2	116	1.30	133	12	19	.99	93	.09	5	1.17	.05	.12	1	2	
P2915	2	1363	3	33	.5	8	6	473	7.29	2	5	ND	2	9	2	2	2	69	.28	108	8	21	.97	139	.01	2	1.40	.01	.24	1	20	
P2916	2	4112	2	37	.5	8	34	831	7.88	2	9	ND	7	18	3	2	2	66	.33	120	7	25	1.31	452	.02	4	1.86	.01	.29	1	11	
P2917	3	154	11	36	.1	8	10	305	3.72	4	5	ND	5	45	2	2	2	117	.79	129	10	10	.64	106	.14	8	.87	.08	.18	1	8	
P2918	3	6688	2	55	.1	8	9	923	8.31	2	5	ND	6	12	6	2	2	83	.36	133	37	14	1.65	78	.01	3	2.37	.01	.22	1	7	
P2919	2	180	3	45	.1	8	15	741	4.91	4	5	ND	4	38	3	2	2	119	1.33	136	12	18	1.01	91	.09	9	1.20	.06	.11	1	4	
P29110	12	1135	2	78	.2	8	145	1688	13.45	65	5	ND	5	16	2	2	2	52	.25	120	12	11	.68	114	.01	3	1.41	.01	.23	1	11	
P29111	1	1104	2	67	.4	9	13	1026	7.81	6	5	ND	4	8	5	2	2	88	.37	136	12	21	1.48	150	.01	3	2.56	.01	.27	1	5	
P29112	1	10238	2	36	3.4	8	23	2132	6.42	4	5	ND	2	68	1.0	2	2	41	.84	131	5	20	1.26	100	.05	2	2.32	.02	.11	1	13	
125524	1	1032	81	218	2.2	51	33	2545	17.39	38	8	ND	1	299	1.3	2	2	19	3.21	024	2	38	2.18	28	.01	2	1.43	.01	.03	1	6	
STANDARD C/AU-R	19	61	37	133	7.0	68	34	1066	3.92	43	18	6	41	52	18.7	16	19	55	.47	089	40	57	.88	175	.09	34	1.91	.06	.14	12	490	

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR HG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1X, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: P1 ROCK P2 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 15 1991 DATE REPORT MAILED: *Aug 21/91* SIGNED BY: *C. Leung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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