

FOX GEOLOGICAL CONSULTANTS LTD.

LOG NO:	FEB 26 1992	RD.
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GEOCHEMICAL SAMPLING PROGRAM

ON THE

**VW MINERAL CLAIM
NTS 92C/15W
ALBERNI MINING DIVISION
48°50'N 124°57'W**

by

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1409 - 409 Granville Street
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Work paid for by

**Phelps Dodge Corporation of Canada, Limited
Suite 912 - 120 Adelaide Street West
Toronto, Ontario M5H 1T1**

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,146

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SUMMARY

A soil sampling program was conducted on the VW mineral claim, west-central Vancouver Island, during June, 1991. A total of 116 soil samples and 12 rock samples were collected from 5,250 metres of grid lines. A 400-metre by 450-metre copper geochemical anomaly was delineated over the main target area. The target remains open to the northwest, southwest and southeast. An expansion of the grid, accompanied by soil geochemical sampling, is proposed for 1992.

INTRODUCTION

This report summarizes the 1991 geochemical soil and rock sampling program conducted on the VW claim, Alberni Mining Division near Bamfield, B.C. The program consisted of establishing 5,250 metres of grid and collecting 116 soil and 12 rock samples. Several of the samples returned above background concentrations of copper, molybdenum and arsenic.

LOCATION AND ACCESS

The VW mineral claim is located in west-central Vancouver Island, 12 kilometres east of Bamfield, B.C. and 60 kilometres west of Cowichan Lake, B.C. (Figure 1). The property is located on NTS mapsheet 92C/15W centred at 48°50'N latitude, 124°57'W longitude. Access to the property is provided by a network of logging roads from Cowichan Lake. Topography is moderately steep with mature spruce and fir trees covering unlogged portions of the property.

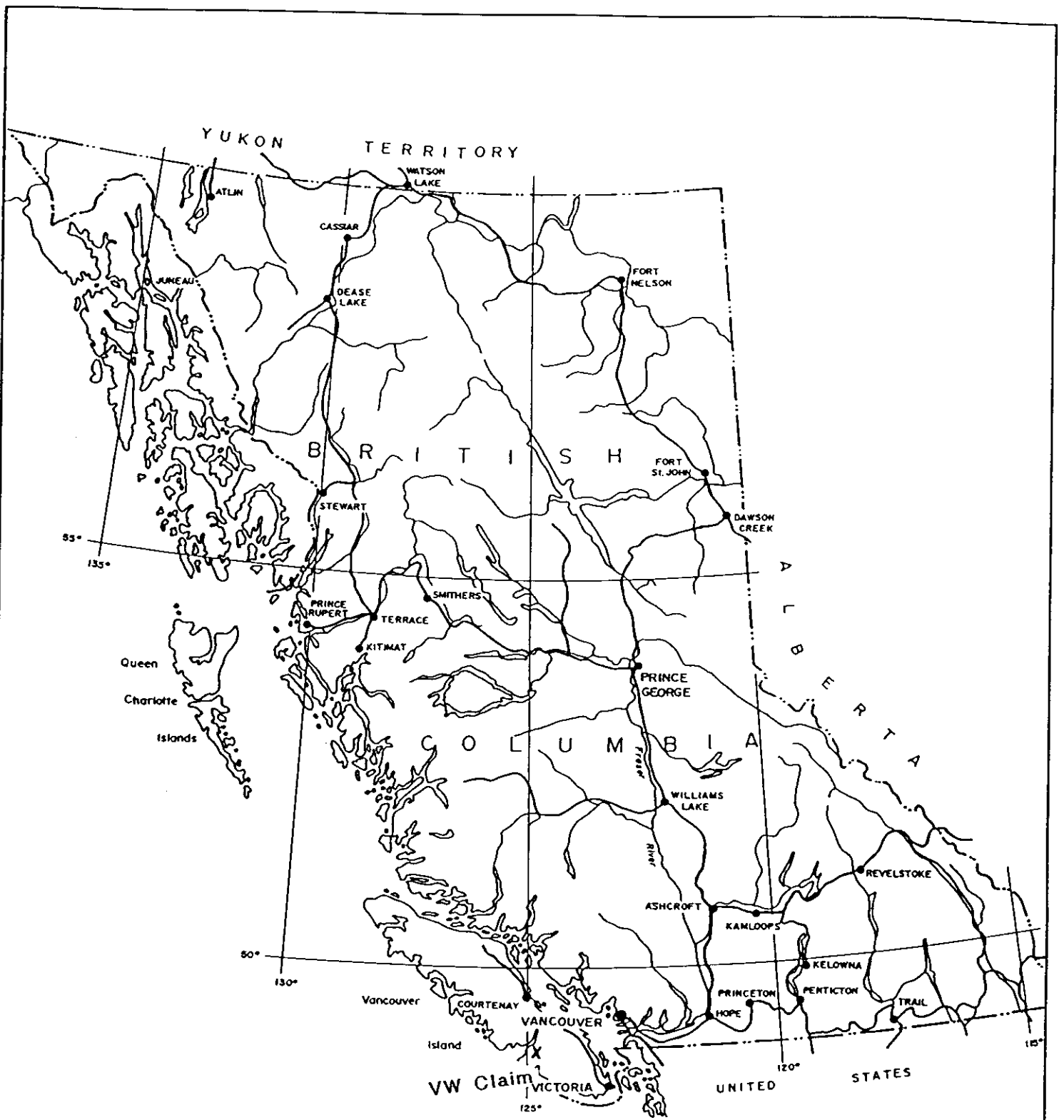
PROPERTY INFORMATION

The VW property consists of a single 20-unit claim, details of which are tabulated below. The claim is 100% owned by Phelps Dodge Corporation of Canada, Limited.

Claim Name	Record No.	Units	Expiry Date
VW 1	4258	20	December 13, 1993

1991 WORK PROGRAM

A three-man crew spent four days from June 18 to 21, 1991 establishing 5,250 metres of grid in eight lines and collecting 116 soil samples and 12 rock samples from the grid area. Soil samples were collected from the "B" horizon where possible and rock samples were chips of bedrock. All samples were submitted to Acme Analytical Laboratories Ltd. of Vancouver, B.C. and analyzed for 30 elements by ICP techniques and for gold by geochemical fire assay methods.

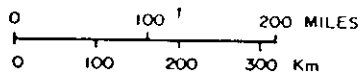


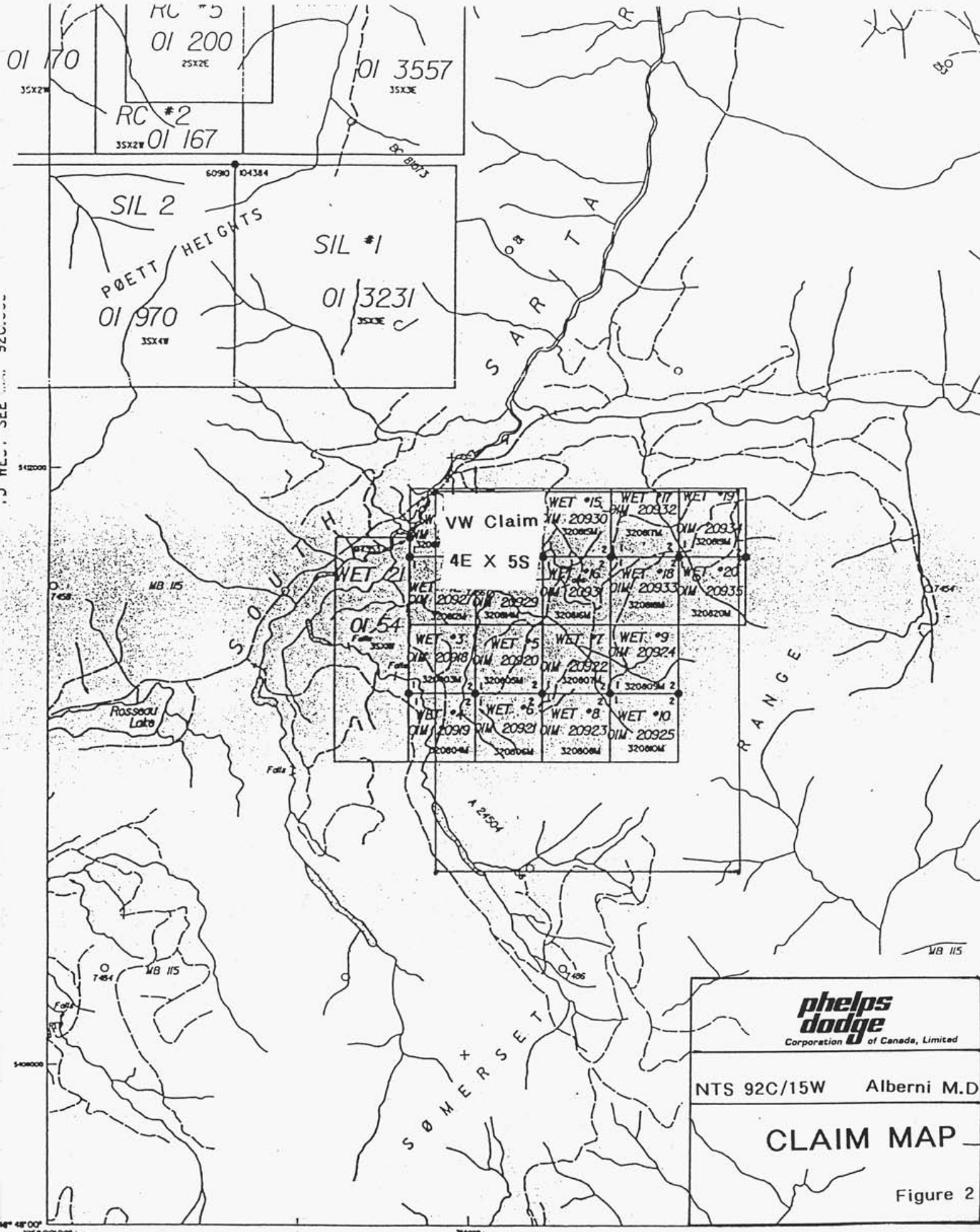
PHELPS DODGE CORPORATION OF CANADA

PROPERTY LOCATION PLAN
VW CLAIM

FOX GEOLOGICAL CONSULTANTS LTD.

DATE	N.T.S.	Dwg. No.
		1





**phelps
dodge**
Corporation of Canada, Limited

NTS 92C/15W Alberni M.D

CLAIM MAP

Figure 2

RESULTS

Several of the soil samples returned anomalous concentrations of copper, molybdenum and arsenic. A 400-metre by 450-metre area between Line 100+00N and Line 104+00N contains +180 ppm concentration of copper from soil samples (Figure 3). This anomalous zone is open to the northwest, southwest and southeast. Rock samples collected in this area and elsewhere on the property did not return significant concentrations of any indicator elements.

CONCLUSIONS AND RECOMMENDATIONS

An anomalous area was outlined by the limited soil sampling program conducted on the VW property in 1991. The target remains open in three directions and covers favourable andesite and andesite porphyry rock types.

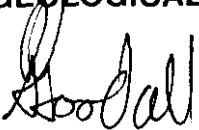
It is recommended that the soil sampling program be expanded to the south to test the continuation of the anomalous zone. In addition, the property should be mapped and prospected to outline prospective areas of mineralization.

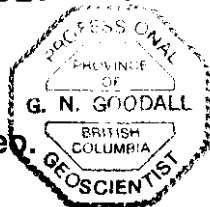
DISBURSEMENTS

<u>Accommodation and Board</u>			
- 3 men x 4 days x \$50/day			\$ 600.00
<u>Assays, Geochemistry</u>			
- 116 soil samples x \$10.10 each	1,171.60		
- 12 rock samples x \$12.25 each	<u>147.00</u>		1,318.60
<u>Automobile Expense</u>			
- Gas and Oil			210.00
<u>Equipment Rentals</u>			
- 3 Radios x 4 days x \$10/day			70.00
<u>Field Supplies</u>			255.40
<u>Vehicle Rental</u>			
- One 4x4 x 4 days x \$55/day			220.00
<u>Project Salaries</u>			
- Ian Bilquist - Geologist	4 days @ \$275	1,100.00	
- Nick Rose - Geologist	4 days @ \$250	1,000.00	
- Craig Bilquist - Sampler	4 days @ \$300	<u>800.00</u>	2,900.00
<u>Travel Expense</u>			150.00
<u>Report Preparation, Maps, Reproductions</u>			<u>450.00</u>
Total Expenditures			<u>\$ 6,174.00</u>

Prepared by:

FOX GEOLOGICAL CONSULTANTS LTD.

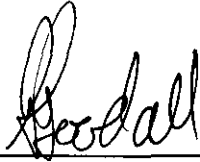

 G. N. Goodall, B.Sc., P. Geol.
 February 7, 1992



CERTIFICATE

I, Geoffrey N. Goodall, of the City of North Vancouver, British Columbia, do hereby certify that:

1. I am Professional Geoscientist registered in the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
2. I graduated from the University of British Columbia in 1984 with a Bachelor of Science degree in geology.
3. I have been practising my profession as a geologist since 1984.
4. I am a Fellow of the Geological Association of Canada.



Geoffrey N. Goodall, B.Sc.
Vancouver, B.C.
February 7, 1992

A P P E N D I X I

Geochemical Results



GEOCHEMICAL ANALYSIS CERTIFICATE



Fox Geological Consultants PROJECT 140-VW File # 91-1969 Page 1

1409 - 409 Granville St., Vancouver BC V6C 1T2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
43801	4	68	16	32	1.0	4	8	187	7.75	13	5	ND	3	19	.9	2	2	150	.10	.078	4	21	.27	15	.17	2	3.17	.01	.01	2	4
43802	7	69	2	26	.3	2	6	117	8.11	13	5	ND	2	8	.5	2	2	60	.05	.092	4	8	.14	15	.04	2	3.40	.01	.01	1	2
43803	9	242	14	40	.4	4	10	330	9.77	5	5	ND	3	26	1.5	2	13	81	.12	.380	5	11	.54	32	.37	2	9.17	.01	.02	1	4
43804	5	161	12	57	.7	8	10	237	10.30	11	5	ND	3	21	1.6	2	2	98	.12	.206	7	38	.32	29	.23	5	7.86	.01	.01	1	2
43805	74	481	2	52	.5	16	24	413	13.36	6	5	ND	1	155	1.6	2	2	149	.80	.177	6	40	.84	28	.22	6	4.60	.01	.05	4	8
43806	4	187	15	112	.4	25	31	1325	5.53	5	5	ND	1	70	1.0	2	2	70	.21	.165	12	51	.65	74	.16	5	7.12	.02	.06	1	7
43807	2	38	15	45	.5	5	6	293	4.48	2	5	ND	6	8	.8	2	2	38	.05	.123	14	19	.12	15	.06	2	8.01	.01	.02	1	2
43808	6	24	11	44	.2	5	8	235	7.11	2	5	ND	2	18	.7	2	2	121	.12	.052	5	28	.21	21	.25	6	3.81	.01	.02	1	1
43809	3	13	7	20	.3	3	3	226	2.50	8	5	ND	1	15	.5	5	2	82	.11	.014	4	14	.11	13	.15	4	1.74	.01	.01	1	1
43810	2	38	7	67	.6	4	141	2830	.72	2	5	ND	1	18	1.2	2	2	13	.22	.094	42	10	.05	33	.03	7	4.48	.01	.02	1	9
43811	2	42	8	35	.3	3	61	1437	.37	2	5	ND	1	15	.5	2	2	8	.19	.104	56	6	.03	21	.02	8	5.53	.01	.01	1	7
43812	2	16	4	46	.1	5	8	214	6.33	2	5	ND	1	14	.3	2	2	90	.09	.056	4	27	.23	16	.20	5	4.51	.01	.02	1	1
43813	2	16	2	49	.2	3	10	214	7.11	2	12	ND	1	17	.3	2	2	109	.15	.083	9	28	.23	19	.24	3	3.79	.01	.03	1	1
43814	4	15	12	51	.3	6	9	228	5.46	3	5	ND	1	21	.2	3	2	95	.18	.048	6	18	.23	23	.22	7	2.33	.01	.03	2	2
43815	2	15	2	48	.1	4	10	239	7.26	7	5	ND	1	19	.6	2	2	103	.16	.046	5	22	.27	16	.27	8	2.90	.01	.02	2	3
43816	5	52	11	75	.1	16	22	901	5.14	2	5	ND	1	59	.2	2	2	73	.54	.076	9	50	.83	37	.15	4	3.13	.02	.05	1	1
43817	3	39	11	45	.5	9	13	210	8.58	3	5	ND	3	14	1.1	2	4	159	.09	.041	5	46	.41	18	.17	10	3.95	.01	.03	2	4
43818	3	88	2	59	.2	20	17	245	8.18	2	5	ND	2	10	.2	2	2	144	.07	.044	4	106	1.12	21	.06	2	5.97	.01	.03	1	2
43819	8	66	14	136	.1	8	220	1554	6.45	2	5	ND	1	22	.2	2	2	80	.23	.044	5	23	.28	34	.21	4	5.96	.01	.04	1	3
43820	2	12	7	40	.5	1	12	200	7.10	2	5	ND	2	13	.4	3	2	122	.11	.035	4	17	.08	16	.27	2	2.50	.01	.02	2	1
43821	4	176	7	92	.2	17	27	687	6.95	5	5	ND	1	62	.7	2	8	121	.40	.058	5	18	1.59	48	.25	8	3.41	.02	.08	3	2
43822	6	42	6	60	.2	5	14	284	8.20	2	5	ND	1	29	.6	2	2	150	.19	.051	4	20	.36	16	.32	6	3.32	.01	.02	1	4
43823	2	35	6	54	.2	5	11	289	7.59	4	5	ND	1	34	.4	2	4	150	.18	.049	4	18	.30	20	.25	4	3.47	.01	.03	1	1
43824	2	24	10	47	.4	5	8	213	6.45	3	5	ND	1	22	.5	2	2	135	.16	.062	6	18	.20	24	.28	3	2.93	.01	.03	1	1
43825	2	102	15	141	.2	13	24	724	5.95	2	5	ND	1	43	1.0	2	2	92	.29	.077	10	23	.88	59	.12	7	3.85	.01	.05	1	5
43826	121	33	4	23	.3	2	8	110	5.09	5	5	ND	1	17	.2	2	2	79	.10	.050	6	6	.20	18	.07	4	2.11	.01	.02	1	3
43827	8	36	2	52	.1	9	10	415	4.10	2	5	ND	5	18	.2	2	2	58	.13	.152	6	41	.44	14	.17	5	6.68	.01	.03	1	5
43828	4	23	9	36	.1	3	9	152	6.89	2	5	ND	4	14	.3	2	2	110	.09	.053	4	32	.22	15	.27	5	7.84	.01	.02	1	5
43829	4	27	6	31	.2	4	6	142	5.17	2	5	ND	3	17	.3	2	2	99	.13	.028	6	23	.15	16	.22	4	3.19	.01	.02	1	1
43830	3	115	2	49	.1	7	11	378	4.33	3	5	ND	1	21	.5	2	2	69	.18	.055	9	19	.36	28	.10	7	3.41	.01	.04	2	7
43831	2	83	2	73	.1	4	35	1423	6.89	2	5	ND	1	18	.2	2	2	135	.14	.069	4	7	.61	44	.02	5	3.22	.01	.05	1	1
43832	3	26	10	42	.2	8	10	353	6.14	2	5	ND	1	37	.4	2	2	126	.23	.032	2	28	.84	14	.27	2	2.88	.03	.06	1	3
43833	7	13	3	37	.1	1	8	380	4.37	2	5	ND	1	21	.2	2	2	89	.16	.028	6	9	.22	28	.21	2	2.14	.01	.02	1	1
43834	16	16	13	76	.3	6	38	14498	6.49	2	16	ND	1	32	.5	2	2	112	.31	.099	4	15	.23	43	.13	3	2.64	.01	.04	1	6
43835	3	19	7	45	.3	4	9	208	5.97	3	5	ND	2	20	.5	2	2	132	.13	.037	5	18	.15	24	.34	2	3.85	.01	.02	3	1
43836	5	50	4	68	.1	4	11	462	8.86	2	5	ND	2	22	.2	2	2	164	.16	.061	3	27	.18	21	.41	2	5.57	.01	.02	1	2
STANDARD C/AU-S	19	58	37	136	7.5	74	32	1062	4.01	39	24	7	41	53	18.4	15	20	57	.51	.091	40	61	.89	182	.09	34	1.92	.07	.15	12	45

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 MG BA TI B W AND LIMITED FOR NA K AND AL AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: P1-P3 SOIL P4 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE

DATE RECEIVED: JUN 25 1991 DATE REPORT MAILED: June 28/91 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



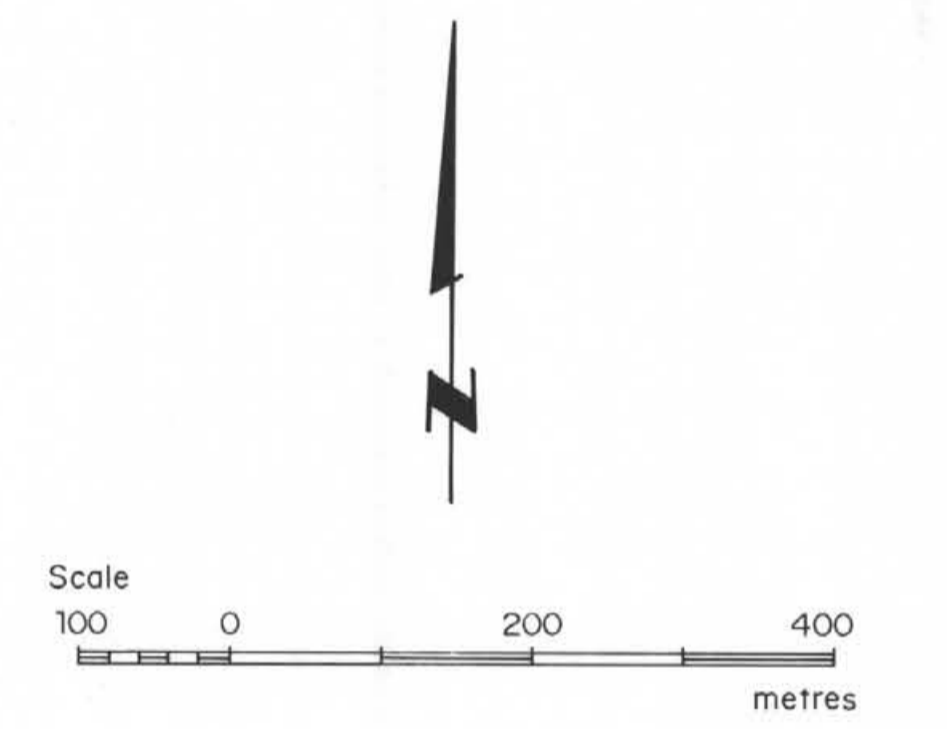
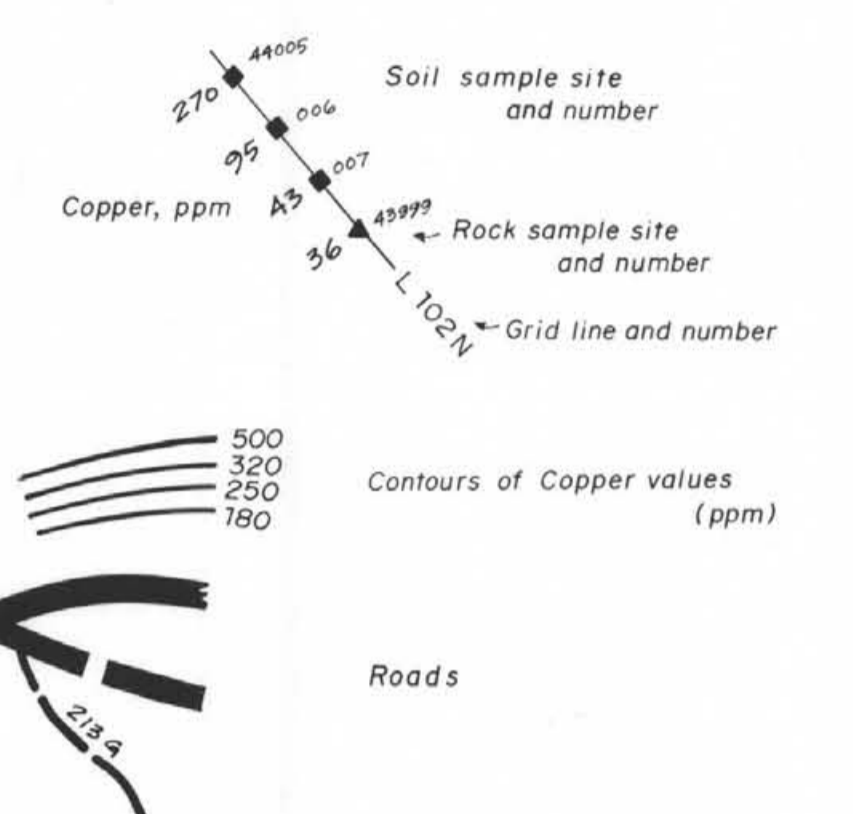
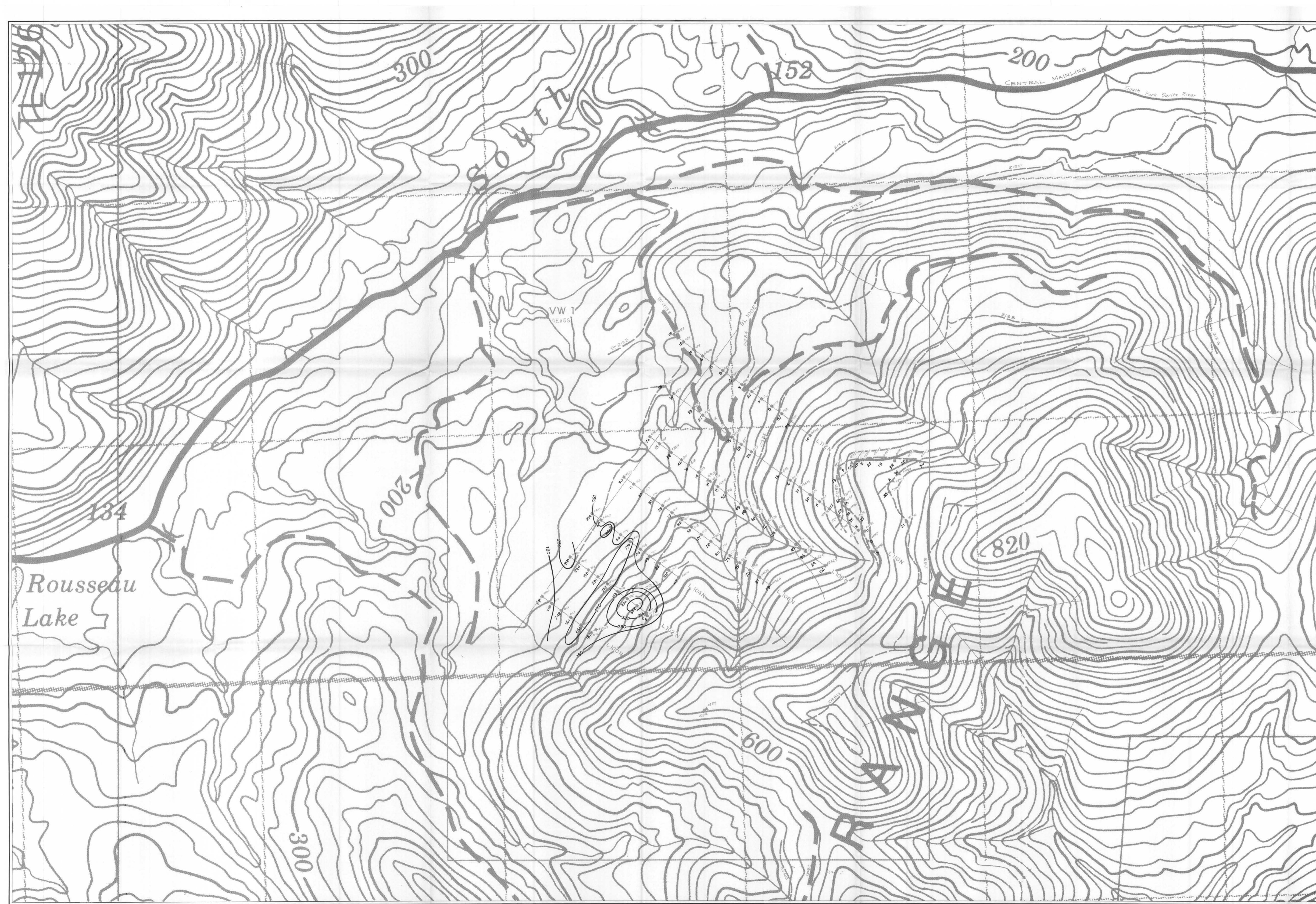
SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
43837	3	5	12	13	.1	2	5	173	3.76	6	5	ND	1	20	.2	2	3	115	.15	.020	3	13	.06	16	.27	2	.99	.01	.03	1	2
43838	11	17	20	39	.2	5	10	213	6.80	8	5	ND	2	28	.4	4	3	97	.19	.051	4	10	.13	24	.27	2	1.81	.01	.03	1	8
43839	6	29	20	38	.1	1	10	173	10.88	8	5	ND	1	14	.2	2	8	39	.11	.061	4	4	.07	26	.14	2	2.52	.01	.02	1	1
43840	4	25	30	80	.1	3	12	315	6.33	10	5	ND	1	16	.3	2	2	83	.11	.049	6	11	.27	51	.09	5	3.59	.01	.04	1	1
43841	2	2	7	17	.1	3	4	287	3.07	4	5	ND	1	17	.2	3	2	51	.27	.022	4	4	.04	12	.20	2	.66	.01	.04	1	2
43901	18	290	15	69	.9	4	18	321	9.67	18	5	ND	1	45	.3	2	2	97	.13	.134	39	21	.60	23	.09	2	5.13	.01	.03	1	3
43902	16	245	25	55	.8	4	14	415	10.11	13	5	ND	1	37	.2	2	2	89	.13	.168	23	31	.80	25	.09	2	5.36	.01	.04	2	5
43903	16	158	25	116	.4	9	12	613	9.49	12	5	ND	1	114	.6	2	4	108	.36	.141	11	27	1.01	17	.20	2	4.64	.01	.03	1	7
43904	8	231	44	64	1.2	3	10	491	9.79	20	5	ND	3	17	.2	2	4	53	.08	.296	9	18	.25	29	.07	2	5.90	.01	.03	1	8
43905	9	262	19	58	.3	4	17	395	9.17	21	5	ND	1	13	1.5	2	2	83	.05	.181	13	20	.41	19	.08	2	5.91	.01	.03	1	8
43906	5	183	23	54	1.0	1	10	235	9.26	24	5	ND	2	15	.6	2	5	88	.08	.117	7	15	.39	29	.14	3	5.38	.01	.04	1	5
43907	5	374	24	31	.5	7	30	531	5.29	10	5	ND	1	22	.8	2	3	51	.16	.114	42	10	.32	15	.06	4	4.85	.01	.04	1	4
43908	4	562	21	31	.6	6	22	390	9.60	8	5	ND	1	24	.3	3	7	80	.10	.127	23	18	.63	14	.08	4	7.38	.01	.03	6	5
43909	7	365	13	36	.8	11	16	269	12.71	13	7	ND	1	22	1.5	3	2	93	.09	.091	28	23	.72	14	.07	2	4.69	.01	.03	3	2
44001	23	214	22	58	.4	8	8	246	8.74	10	5	ND	1	28	.6	2	5	133	.14	.095	24	16	1.35	20	.15	2	4.57	.01	.09	1	3
44002	4	65	15	59	.2	3	8	270	6.62	8	5	ND	1	17	.6	2	2	94	.11	.064	8	18	.39	14	.19	2	3.18	.01	.04	1	7
44003	6	254	20	52	.3	6	8	277	11.97	16	5	ND	1	11	.8	2	7	193	.06	.062	3	62	2.07	24	.23	2	4.53	.01	.14	1	4
44004	10	50	12	39	.1	3	8	201	6.72	4	5	ND	1	14	.2	2	6	143	.11	.049	4	14	.31	16	.22	2	1.77	.01	.04	1	1
44005	1	270	8	33	2.3	2	2	38	.51	8	5	ND	1	7	.2	2	4	9	.08	.122	26	4	.03	10	.02	4	4.46	.01	.01	1	5
44006	2	95	21	57	.2	9	14	400	9.56	4	5	ND	2	24	.2	2	2	231	.20	.054	3	37	.97	14	.30	2	3.65	.02	.04	1	3
44007	3	43	19	48	.3	3	9	272	6.47	10	6	ND	1	19	.6	2	4	104	.15	.073	4	21	.34	14	.17	5	2.66	.01	.05	1	3
44008	2	86	16	36	.5	4	7	144	7.94	8	5	ND	1	13	.2	2	3	163	.10	.082	4	20	.33	12	.23	2	2.97	.01	.03	1	1
44009	2	218	11	39	.6	6	9	199	12.25	9	5	ND	3	15	.6	2	2	253	.08	.106	4	39	.71	12	.43	2	3.62	.01	.04	1	3
44010	3	47	17	36	.1	1	8	332	8.36	2	5	ND	1	15	.2	2	3	138	.09	.075	3	20	.21	7	.21	2	2.29	.01	.04	1	1
44011	5	30	20	60	.1	4	9	249	6.59	9	5	ND	2	15	.8	2	2	98	.09	.067	7	23	.26	22	.24	2	5.61	.01	.02	1	3
44012	2	11	14	40	.1	2	6	199	5.94	4	5	ND	1	16	.2	2	2	109	.11	.041	5	17	.16	22	.21	2	2.17	.01	.02	1	1
44013	6	23	12	40	.1	4	6	239	6.29	3	5	ND	1	14	.2	2	2	112	.10	.057	6	14	.24	19	.14	2	2.70	.01	.03	1	5
44014	5	33	16	33	.1	3	8	164	8.85	7	5	ND	1	10	.3	2	2	193	.06	.067	3	18	.40	17	.25	4	2.21	.01	.03	1	1
44015	2	35	16	52	.1	2	7	231	6.43	7	5	ND	2	13	.2	2	2	80	.10	.193	9	50	.24	13	.18	2	6.26	.01	.03	1	2
44016	2	17	11	54	.2	3	8	350	6.72	10	5	ND	1	16	.4	2	6	98	.10	.073	6	20	.25	12	.20	2	3.19	.01	.03	1	3
44017	2	22	12	56	.2	1	8	424	6.38	10	5	ND	1	17	.4	2	7	101	.11	.084	6	21	.23	24	.18	2	3.65	.01	.03	1	2
44018	2	33	17	77	.2	7	11	713	5.89	6	5	ND	2	15	.2	2	2	82	.10	.170	5	24	.26	12	.17	3	6.01	.01	.02	1	3
44019	1	127	17	61	.4	4	14	449	8.72	11	5	ND	1	35	.5	3	2	126	.22	.138	4	23	.46	8	.24	2	3.60	.01	.04	2	2
44020	1	28	9	55	.2	1	9	517	4.63	3	5	ND	1	19	.2	2	2	76	.14	.070	6	22	.39	11	.15	2	2.85	.01	.04	1	4
44021	6	211	20	71	.2	11	54	554	5.04	10	5	ND	1	31	.4	2	5	90	.33	.048	10	27	.39	25	.16	2	2.48	.01	.04	1	7
44022	2	73	22	52	.1	4	8	189	7.33	6	5	ND	1	12	.6	2	4	123	.09	.053	7	23	.19	17	.06	2	4.63	.01	.05	1	3
STANDARD C/AU-S	19	61	42	136	7.3	72	32	1116	4.05	42	19	6	39	53	18.6	15	18	59	.52	.098	39	59	.93	180	.09	32	1.91	.07	.16	13	47



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Tl %	B ppm	Al %	Na %	K %	W ppm	Au [*] ppb
44023	1	45	12	76	.1	5	20	1002	4.29	12	5	ND	1	37	.2	2	2	59	.33	.090	9	15	.50	48	.10	7	2.65	.01	.05	1	4
44024	2	20	15	45	.1	5	8	296	5.46	11	5	ND	1	30	.2	2	2	86	.34	.049	5	16	.33	28	.19	3	2.11	.01	.04	1	1
44025	2	21	2	47	.2	3	8	230	5.40	13	5	ND	1	27	.2	2	5	99	.28	.044	4	19	.20	28	.16	5	1.76	.01	.03	1	1
44026	1	33	10	62	.3	7	7	262	6.89	2	5	ND	2	27	.2	2	2	103	.17	.040	5	20	.31	16	.26	2	4.20	.01	.02	1	3
44027	13	19	9	33	.1	1	5	247	3.84	5	5	ND	1	14	.2	2	2	73	.16	.038	6	10	.17	18	.12	5	2.12	.01	.02	1	3
44028	8	18	12	36	.1	1	5	113	6.91	2	5	ND	6	10	.2	2	2	89	.07	.031	6	16	.10	9	.21	5	6.03	.01	.02	1	2
44029	3	20	2	38	.1	1	5	138	7.34	2	5	ND	5	10	.2	2	3	69	.08	.055	5	13	.17	11	.24	5	7.01	.01	.02	1	3
44030	1	6	12	23	.1	1	3	125	4.10	10	5	ND	1	10	.3	2	2	86	.08	.030	4	10	.05	10	.22	2	2.38	.01	.02	1	1
44031	1	8	5	36	.1	2	5	98	4.23	11	5	ND	1	9	.2	2	3	76	.05	.019	3	8	.11	11	.03	6	1.69	.01	.02	1	1
44032	4	8	8	46	.1	2	17	375	5.24	3	5	ND	1	17	.2	2	3	95	.15	.063	5	21	.22	18	.09	7	3.50	.01	.03	1	5
44033	2	5	4	27	.1	4	5	174	6.04	2	5	ND	2	15	.2	2	2	120	.12	.037	4	14	.09	15	.24	3	2.25	.01	.02	1	3
44034	1	3	2	20	.1	2	2	141	1.91	5	5	ND	1	16	.2	2	2	67	.12	.014	2	9	.08	5	.11	4	.64	.01	.01	1	3
44035	1	22	2	40	.3	4	9	125	7.38	6	5	ND	1	28	.2	4	4	141	.21	.058	2	53	.18	12	.26	11	2.74	.01	.03	2	3
44036	1	7	7	24	.1	3	6	162	5.34	12	5	ND	1	22	.2	5	2	119	.16	.037	3	40	.07	11	.32	2	1.33	.01	.02	2	2
44037	7	8	8	36	.1	1	5	248	5.06	5	5	ND	1	24	.2	2	2	89	.16	.047	3	8	.13	21	.37	5	1.50	.01	.03	1	2
44038	7	57	7	116	.1	5	13	251	8.20	3	5	ND	1	32	.2	2	2	145	.17	.053	4	12	.20	25	.33	5	6.05	.01	.02	1	4
44039	8	74	15	60	.2	9	17	455	10.87	4	5	ND	1	40	.2	2	2	230	.19	.076	2	50	.49	12	.39	10	5.73	.01	.03	1	3
44040	3	10	5	33	.2	3	7	257	5.69	7	5	ND	2	22	.2	2	3	108	.21	.029	4	12	.14	15	.23	6	1.75	.01	.02	1	1
44041	13	36	15	181	.1	13	64	2212	4.73	11	9	ND	2	9	.5	2	3	49	.08	.083	13	34	.25	26	.07	8	9.28	.01	.04	2	1
44042	8	28	17	111	.2	6	15	1925	5.63	5	5	ND	1	55	.2	4	2	104	.65	.054	5	19	.37	43	.21	7	2.78	.01	.05	1	4
44043	4	32	17	115	.1	8	32	5926	5.19	10	8	ND	1	33	.2	2	4	70	.28	.060	7	23	.39	52	.16	4	3.88	.01	.04	1	2
44044	1	15	13	65	.2	5	8	380	5.61	5	5	ND	1	15	.2	3	2	94	.11	.027	4	26	.20	23	.22	4	4.15	.01	.02	1	4
44045	1	23	14	272	.5	10	19	10634	3.84	3	5	ND	1	31	1.8	2	2	63	.55	.119	6	28	.38	121	.06	8	4.68	.01	.05	1	2
44046	2	45	46	110	.1	5	8	491	6.85	5	5	ND	1	19	.5	2	2	92	.12	.078	6	25	.28	31	.21	3	5.96	.01	.02	1	1
44047	1	3	10	15	.1	1	1	242	.44	5	5	ND	1	9	.3	3	2	25	.07	.019	3	3	.03	9	.21	2	.47	.01	.02	1	1
44048	2	23	13	64	.1	3	6	345	5.03	2	5	ND	2	17	.2	2	2	57	.10	.085	7	13	.30	15	.15	2	5.33	.01	.03	1	1
44049	4	19	14	51	.1	3	6	224	4.17	8	5	ND	1	16	.5	3	2	81	.12	.035	4	8	.15	19	.07	5	1.87	.01	.04	1	1
44050	2	32	17	58	.1	4	6	296	4.75	2	5	ND	1	21	.2	2	4	55	.12	.047	5	14	.36	7	.19	6	4.07	.01	.03	1	1
44051	1	37	20	41	.1	5	7	183	6.43	2	5	ND	1	15	.2	2	2	120	.09	.051	4	29	.18	13	.26	2	4.81	.01	.02	1	1
44052	2	11	8	37	.1	3	6	152	6.74	2	5	ND	1	17	.2	2	2	116	.14	.031	3	13	.12	15	.25	5	1.94	.01	.03	1	1
44053	6	8	10	32	.1	4	6	174	6.51	2	5	ND	1	18	.2	2	2	106	.12	.027	3	19	.19	15	.22	4	2.16	.01	.03	1	2
44054	3	13	10	63	.1	5	7	281	5.24	5	5	ND	1	18	.2	2	2	83	.12	.035	6	16	.31	25	.18	3	2.66	.01	.04	1	2
STANDARD C/AU-S	18	58	36	132	7.5	75	32	1059	3.95	36	20	7	40	53	18.7	15	18	57	.48	.091	39	58	.87	177	.09	33	1.86	.07	.15	13	49



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
43896	1	20	2	93	.2	2	12	1103	4.11	2	5	ND	1	40	.5	2	2	27	2.06	.123	10	2	1.08	138	.13	2	1.67	.04	.10	1	4
43897	5	58	4	75	.1	1	9	1227	5.09	4	5	ND	2	11	.2	2	2	23	.31	.142	19	2	.19	124	.01	7	1.16	.01	.21	1	1
43898	5	63	2	129	.1	6	18	1715	6.01	19	5	ND	2	15	.2	8	2	80	.38	.103	10	4	.07	134	.01	9	.75	.01	.09	1	2
43899	1	5	2	75	.1	2	7	720	2.38	2	5	ND	1	43	.3	2	2	16	.67	.075	5	5	.93	36	.15	2	1.52	.04	.06	1	1
43900	1	26	2	52	.1	71	17	233	2.81	2	5	ND	1	154	.4	2	2	49	2.08	.066	2	199	1.28	19	.12	7	3.11	.25	.11	1	1
43994	1	6	2	5	.1	4	2	56	3.40	2	5	ND	2	12	.2	2	3	3	.13	.020	10	10	.24	20	.01	2	.53	.02	.15	1	3
43995	1	4	3	87	.2	2	13	1477	5.96	2	9	ND	1	9	.2	2	2	23	.29	.101	10	2	.68	104	.01	4	1.57	.01	.18	1	1
43996	1	21	3	101	.2	29	26	1160	5.84	2	5	ND	1	47	.8	2	2	98	1.06	.128	6	31	2.04	38	.40	2	2.65	.03	.05	1	1
43997	1	88	9	91	.1	52	38	1390	6.95	2	5	ND	1	10	.2	2	2	110	.09	.048	3	191	1.70	65	.01	10	2.77	.01	.09	1	1
43998	1	2	2	66	.1	3	7	870	3.41	2	5	ND	1	5	.2	2	2	17	.10	.073	10	5	.21	49	.01	7	1.20	.01	.13	1	1
43999	7	36	3	97	.1	9	14	1069	4.34	7	5	ND	1	8	.2	2	2	21	.20	.056	8	6	.16	39	.01	9	.89	.02	.21	1	1
44000	1	5	2	12	.1	23	25	260	7.68	2	5	ND	1	82	.3	2	2	86	.57	.050	2	13	2.17	25	.28	2	2.78	.12	.37	1	1
STANDARD C/AU-R	19	57	40	132	6.8	69	33	1043	3.93	38	20	7	39	52	18.6	15	19	56	.48	.090	38	58	.88	175	.09	34	1.91	.06	.16	11	500



GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,146

PHELPS DODGE CANADA LIMITED

PROJECT N°: 140 VW CLAIM, ALBERNI M.D.

SOIL and ROCK GEOCHEMISTRY
Copper (ppm)

SCALE	DATE	FILE	NTS	DWG N°
1:5000	7Feb.92			
	BY:	92C/15		3