Daiwan Engineering Ltd.
1030 - 609 Granville Street, Vancouver, B.C. V7Y 1G5

GEOCHEMICAL, GEOPHYSICAL AND GEOLOGICAL ASSESSMENT REPORT ON THE DORLON PROPERTY

NANAIMO MINING DIVISION

BRITISH COLUMBIA

N.T.S.: 92L\12

Latitude: 50° 42' N

Longitude: 127° 47' W

For

Hisway Resources Corporation

219 - 1207 Douglas Street
Victoria, B.C.
V8W 2E7

By

David J. Pawliuk, B.Sc., P.Geol.

August 19, 1990

C:\wp50\w90.57/25

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SUMMARY

The Dorlon Property is underlain by the transitional contact between Quatsino limestone and Bonanza Group volcanic rocks. Zinc, lead, gold, silver and copper are present on the property in different types of occurrences.

The geochemical soil surveying was to attempt to locate metal occurrences within west-central Dorlon mineral claim.

The geophysical surveying at eastern Iron Hat property was performed to delineate magnetic skarns with associated copper and zinc.

The geological mapping and sampling at Iron Hat and Dorlon mineral claims was to attempt to extend known mineralized zones.

Soils with weakly anomalous zinc and gold contents are present in the extreme southwestern corner of the Dorlon mineral claim.

Magnetite-pyrite skarn at the Iron Hat and Nahwitti mineral claims can be delineated by detailed magnetometer surveying.

Magnetite-pyrite skarn at the Iron Hat locally contains high zinc and moderate copper and silver concentrations.

INTRODUCTION

At the request of Mr. Rodney Zimmerman of Hisway Resources Corporation, Daiwan Engineering Ltd. conducted an exploration program on the Dorlon Property near Port Hardy, British Columbia. This program consisted of geological mapping, geochemical rock sampling, magnetometer surveying and geochemical soil sampling.

During the program 147 soil samples and 12 rock samples were collected, a magnetometer survey was performed and parts of the property were mapped at 1:5000 scale.

This report is a description of work completed on the property between August 7 and August 16, 1990.

LOCATION AND ACCESS

The Dorlon Property of Hisway Resources Corporation is centred approximately 21 km west of Port Hardy on northern Vancouver Island, British Columbia (Figure 1). This property consists of 96 contiguous claims with N.T.S. map-sheet 91L/12 (Figure 2).

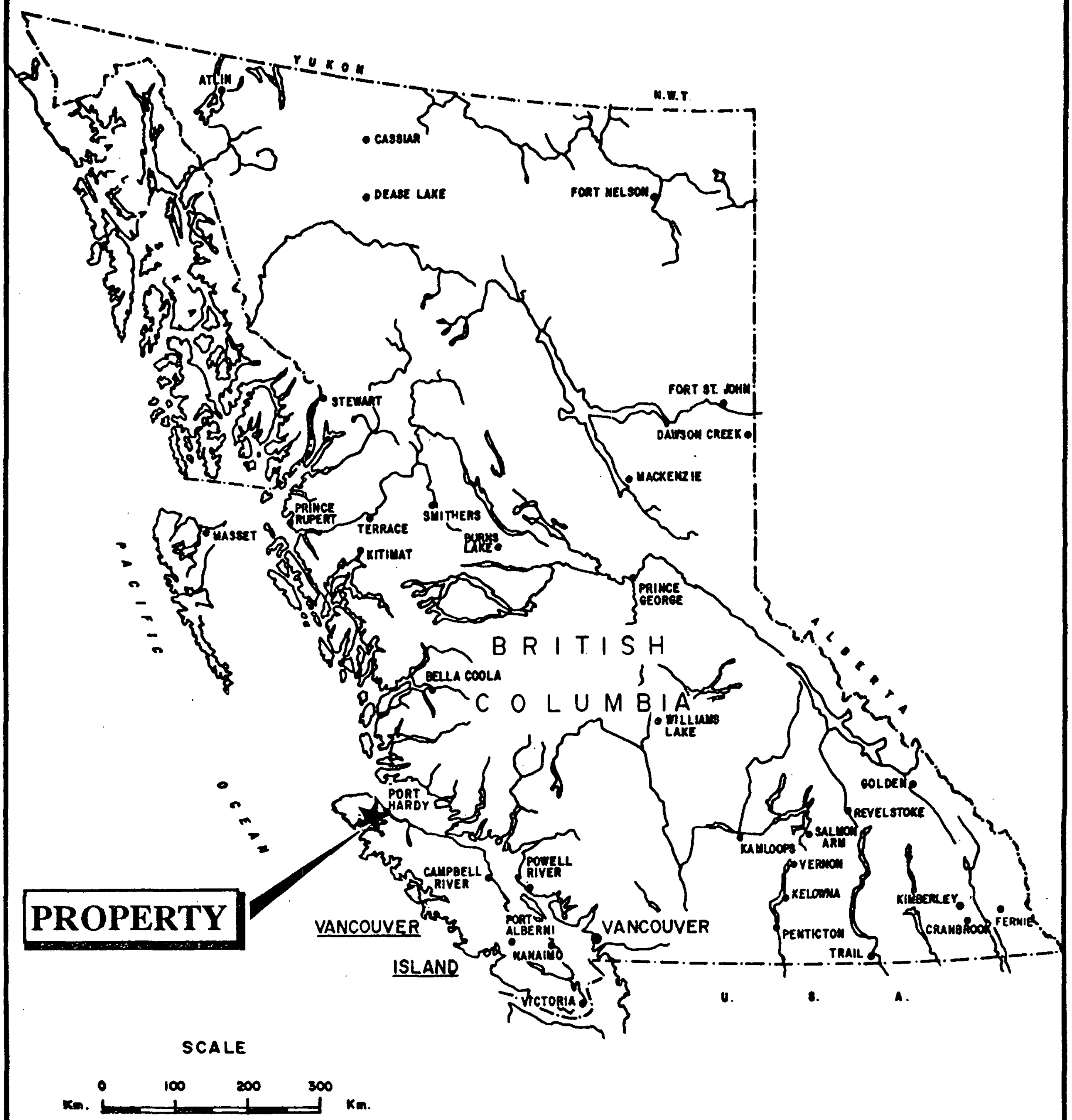
The gravel road between Port Hardy and Holberg passes through the central part of the property. Logging roads branching out from this main road provide good access to most parts of the property.

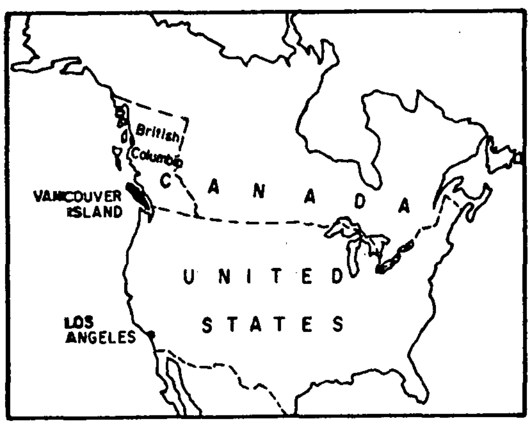
TOPOGRAPHY AND VEGETATION

The westerly trending Nahwitti River valley occupies the central portion of the property area. This valley is bounded by westerly trending ridges which are cut by narrow creek gullies. Elevations range from approximately 201 m to 685 m a.s.l.

The property is within an active logging area with forest cover ranging from mature fir, hemlock, spruce and cedar stands to dense second growth to open clear-cut areas. The lower parts of the Nahwitti River and Kains Creek valleys are covered by thick brush and berry bushes.

Rock outcrops are exposed within creek gullies and in logging road cuts. Thick accumulations of sand and gravel are present in valley bottoms.





HISWAY RESOURCES CORPORATION		
DORLON PROJECT Northern Vancouver Island		
LOCATION MAP		
DAIWAN ENGINEERING LTD.		
SCALE As shown	DATE Aug. '90	FIG. 1

PROPERTY

The property consists of the following contiguous claims which are depicted on Figure 2:

Name	Record No.	Units	Expiry	Owner
DORLON	2455	20	August 13, 1991	Hisway Resources Corporation
IRON HAT	2761	12	August 17, 1991	" " "
KAINS	2759	18	August 17, 1991	" " "
LEXA	2762	4	August 17, 1991	" " "
QUATSINO	2760	15	August 17, 1991	" " "
HPH 1	8597	1	July 4, 1998	" " "
HPH 2	8598	1	July 4, 1998	" " "
HPH 3	8599	1	July 4, 1998	" " "
NAHWITTI	2657	16	May 6, 1990	" " "
CLIFF	2769	4	August 19, 1992	" " "
JLJ 1	2730	1	April 29, 1992	" " "
JLJ 2	2731	1	April 29, 1992	" " "
JLJ 3	2732	1	April 29, 1992	" " "
JLJ 4	2733	1	April 29, 1992	" " "
	Total	96		

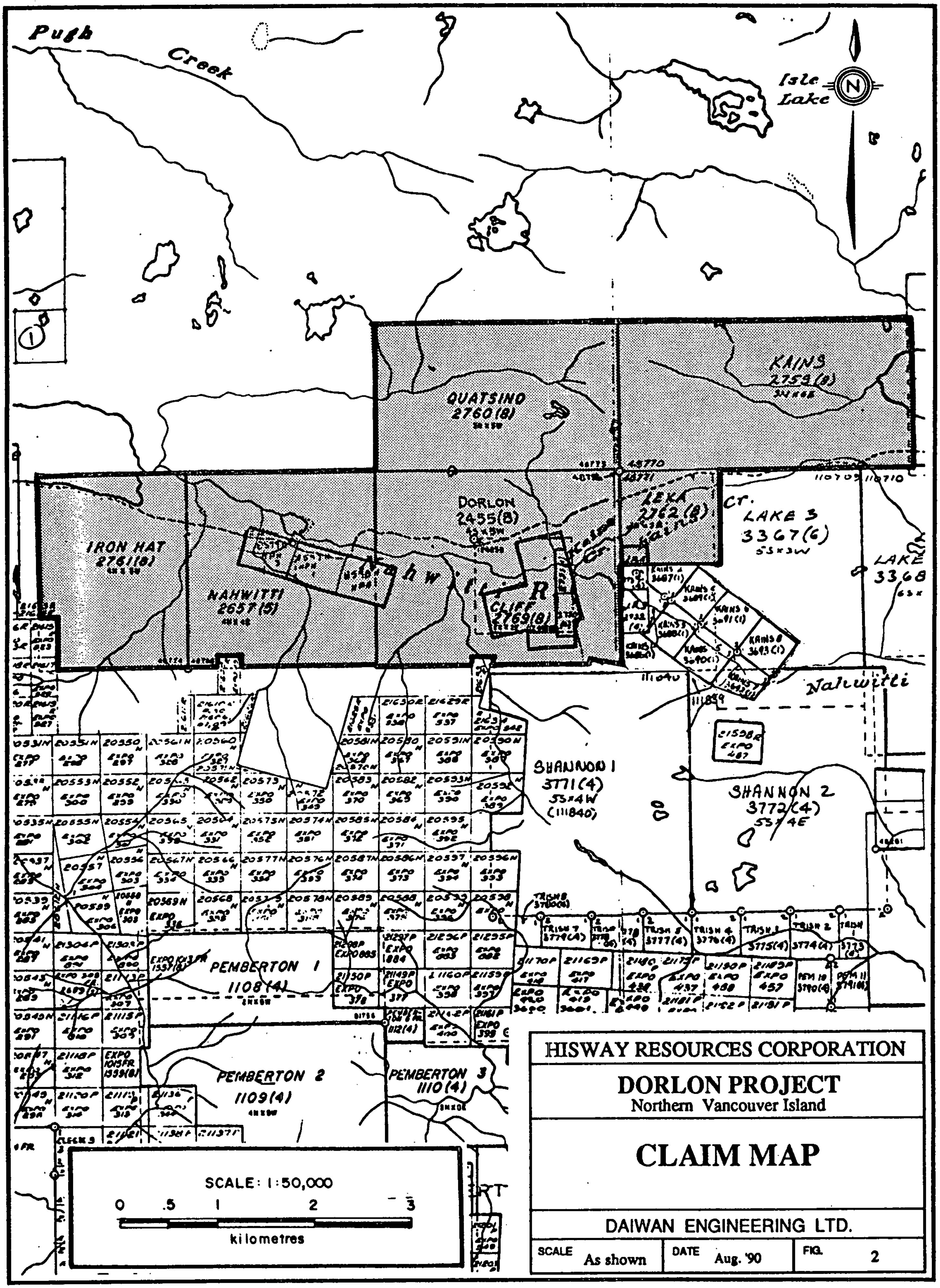
The above claims are owned by Hisway Resources Corporation. The expiry dates shown are pending the acceptance of this assessment report.

HISTORY

A lead-zinc occurrence was discovered by M. Hepler, F.K. Hicklenton and S.S. Pugh during 1930 about three km east of Nahwitti Lake. Two shafts, an adit and trenches were excavated on this occurrence during 1930 (Christopher, 1988).

Intermittent mineral exploration since 1930 has included prospecting, geological mapping, geochemical soil sampling, magnetometer surveys, induced polarization surveys, an airborne electromagnetic survey and also the completion of more than 40 diamond drill holes. Numerous showings and fifteen named mineral occurrences have been located as a result of this work.

Christopher (1988), Greene and Einsiedel (1990) and Oakley (1990), have outlined the exploration history of the Dorlon Property in some detail.



HISWAY RESOURCES CORPORATION

DORLON PROJECT
Northern Vancouver Island

CLAIM MAP

DAIWAN ENGINEERING LTD.

SCALE	DATE	FIG.
As shown	Aug. '90	2

REGIONAL GEOLOGY

The Dorlon Property is underlain by a conformable sequence of westerly trending, southerly dipping Karmutsen Formation basalts, Quatsino Formation limestone and Parson Bay Formation greywackes of the Vancouver Group (Muller, Northcote and Carlisle, 1974). These rocks have been intruded by quartz diorite of the Jurassic Island Intrusions (Figure 3).

The rocks have been affected by easterly to northeasterly trending faults.

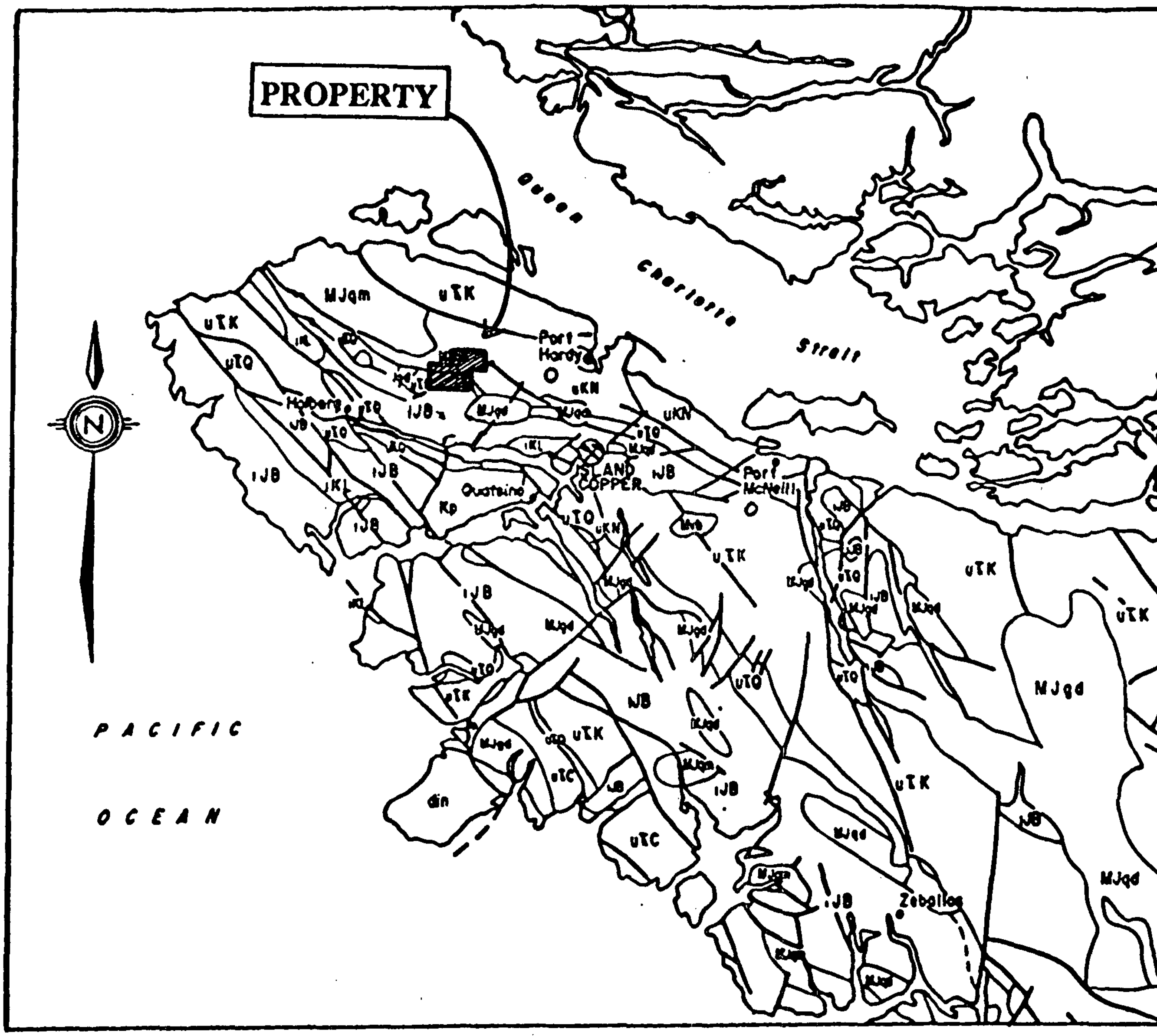
PROPERTY GEOLOGY

The Dorlon Property is underlain by Triassic to Jurassic age Vancouver Group sedimentary and volcanic rocks which have been intruded by Jurassic Island Intrusions. Most metal occurrences on the property are within a 150 m thick band of Quatsino Formation limestone near its contact with the intrusive rocks or near faults (Christopher, 1988). Faults and contacts appear to have controlled mineralizing solution movement from the intrusive rocks (Christopher, 1988).

Skarn and replacement sulphide occurrences within the limestone are concentrated along faults and lithologic and intrusive contacts (Christopher, 1988).

Geological mapping and geochemical rock sampling at the Iron Hat mineral claim were performed along Mead Creek in the vicinity of the St. Claire showing, to attempt to better define the extent of the magnetite-pyrite contact skarns which locally contain copper, zinc and silver. Five geochemical rock samples from the Iron Hat mineral claim contain up to 16,328 parts per million (ppm) zinc, 1,790 ppm copper, 3.9 ppm silver and 51 parts per billion (ppb) gold (Figure 4; Appendix A; Appendix B). Rock sample number 38240 contains 16,328 ppm zinc, and 1,790 ppm copper; it was collected from a magnetite-pyrite-sphalerite skarn at Mead Creek (Figure 4).

Geological mapping and geochemical rock sampling were also performed at the Dorlon mineral claim. The seven rocks from this claim contain up to 444 ppm copper, 86 ppm zinc, 1.3 ppm silver and 7 ppb gold (Figure 4; Appendix A; Appendix B). Disseminated chalcopyrite and pyrrhotite were found in Parson Bay Formation cherts at the eastern Dorlon mineral claim. Rock sample 48236 was collected as a continuous chip sample across 1 m of this chert. Sample 48236 contains only 163 ppm copper.



LEGEND

MIOCENE
- Mvb basalt flows, sills and dykes

UPPER CRETACEOUS, PALEOCENE, EOCENE
- Kp QUEEN CHARLOTTE GROUP: siltstone, shale, greywacke

UPPER CRETACEOUS
- uKN NANAIMO GROUP: sandstone, shale, conglomerate

LOWER CRETACEOUS
- lKL LONGARM; greywacke, conglomerate

JURASSIC
- Jgd granodiorite, quartz diorite

MIDDLE JURASSIC
- MJqm quartz monzonite, granite, monzonite
- MJgd granodiorite
- MJqd quartz diorite

LOWER JURASSIC
- lJB BONANZA; andesite, dacite, rhyolite

UPPER TRIASSIC
- uTQ QUATSINO and PARSON BAY: limestone, argillite
- uTK KARMUTSEN: basalt, pillow lava

SCALE

0 25 50

kilometers

HISWAY RESOURCES CORPORATION

DORLON PROJECT
Northern Vancouver Island

REGIONAL GEOLOGY

DAIWAN ENGINEERING LTD.

SCALE As shown	DATE Aug. '90	FIG. 3

GEOPHYSICAL SURVEY

A total of 1.45 line-km of magnetometer surveying was performed at the eastern Iron Hat and western Nahwitti mineral claims to attempt to detect magnetite-pyrite contact skarns similar to the St. Claire showing. The work was done using a Scintrex MP-2 total field proton magnetometer along a hipchain-and-compass surveyed grid. Survey results are present in Figure 5.

Magnetometer readings ranged from 53,577 to 58,792 gammas within the surveyed area. Survey results indicate an easterly to northeasterly magnetic trend, which parallels the regional strike of the rock units. The highest magnetometer readings were obtained in the grid area nearest the contact between Quatsino Formation limestone and Island Intrusions quartz diorite. The limestone/quartz diorite contact exposed in Mead Creek valley at St. Claire showing, southwest of the surveyed area, is marked by irregular lenses and bands of magnetite-pyrite skarn (Figure 4).

SOIL GEOCHEMICAL SURVEY

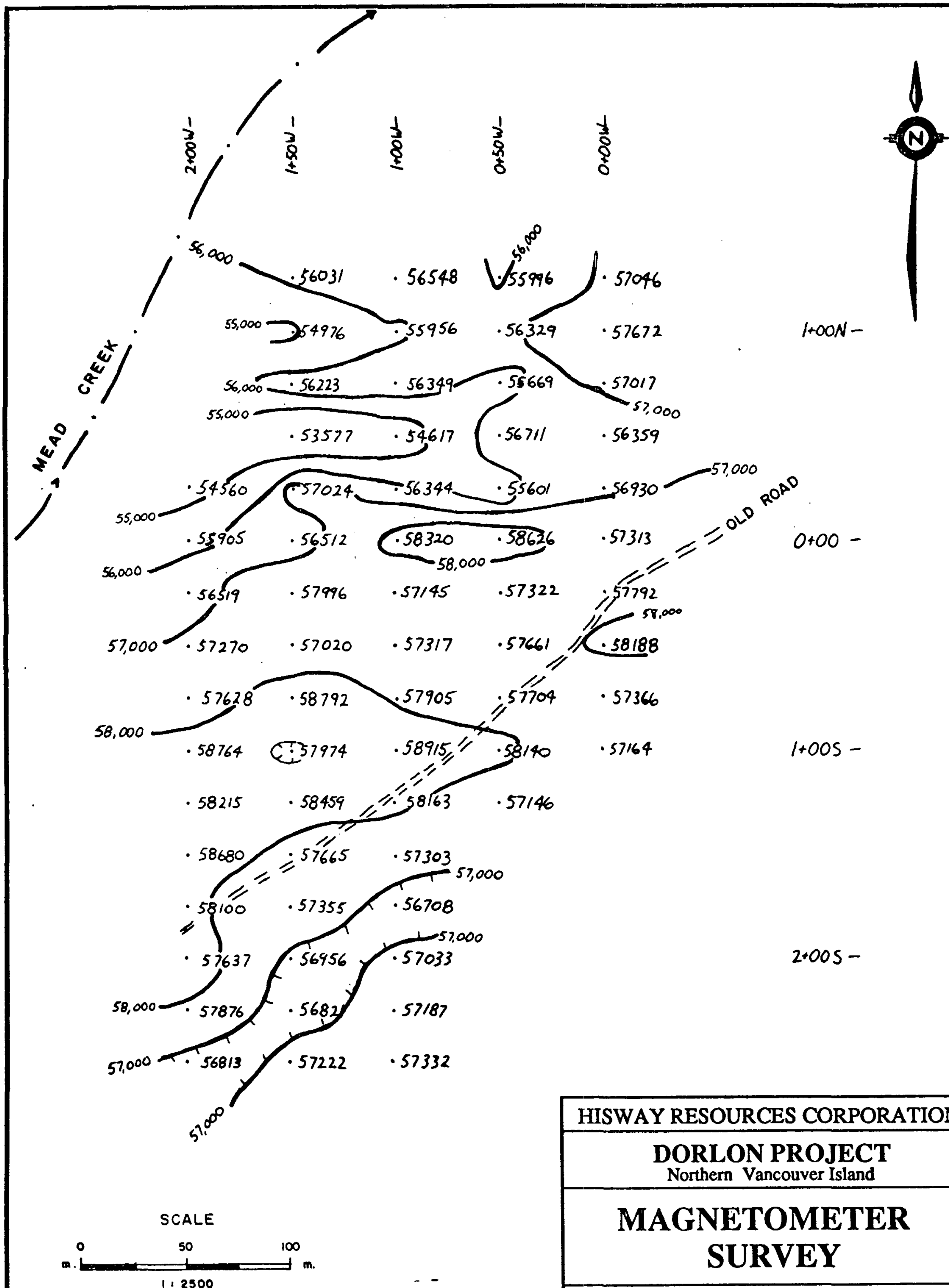
A total of 147 geochemical soil samples were collected within a hipchain-and-compass surveyed grid at the western Dorlon mineral claim. The soils were collected at 25 m intervals along grid lies 100 m apart. The soil samples were collected at a average depth of about 25 cm from the B horizon, where possible, using a soil auger. The soils were set to Acme Analytical Laboratories Ltd. at Vancouver, then dried and screened to -80 mesh size. The samples were the analyzed for 30 elements by I.C.P. which involves the digestion of 0.5 g of the sample with 3-1-2 HCl-HNO_3-H_2O acid at 95 degrees C for one hour. This sample is the diluted to 10 ml with water and analyzed. The samples were also analyzed for gold by acid leach and atomic absorbtion by Acme Analytical Laboratories Ltd.

The 147 soils contain up to 48 ppm molybdenum, 49 ppm copper, 26 ppm lead, 86 ppm zinc, 3.9 ppm silver and up to 30 ppb gold (Appendix A).

Soils containing zinc concentrations of 42 ppm or greater, and 5 ppb or greater gold concentrations are plotted on Figures 6a and 6b respectively. Concentrations of 68 ppm copper and 42 ppm zinc were determined to be anomalous in this area, for soils overlying the Karmutsen Formation rocks, during a 1968 regional geochemical soil sampling programme (Young, 1969).

The 25 soils containing 42 ppm or greater zinc concentrations are scattered throughout the sampled area (Figure 6a).

The fourteen soil samples containing 5 ppb or greater gold concentrations are mainly located in the western part of the grid area (Figure 6b).



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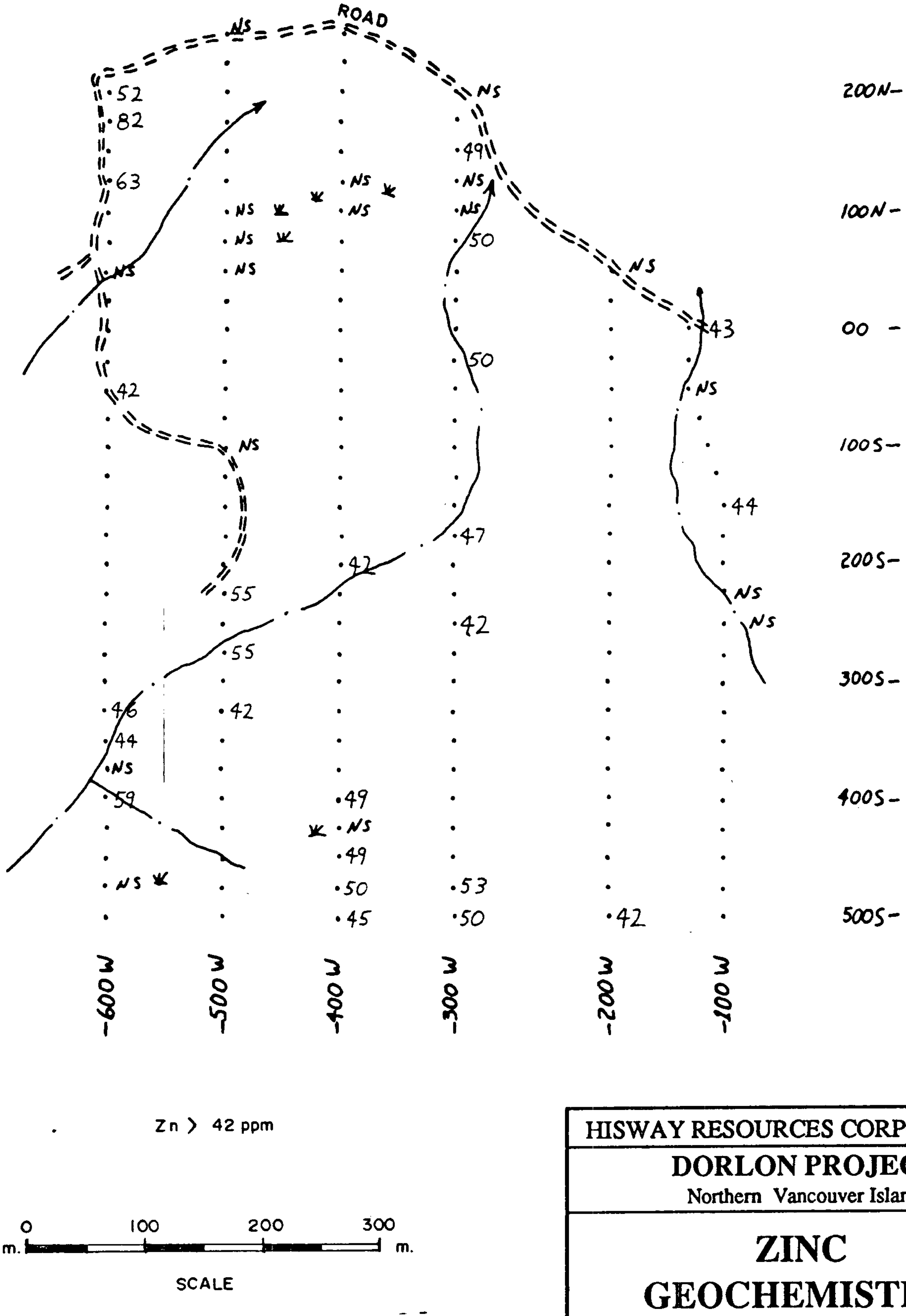
DORLON PROJECT
Northern Vancouver Island

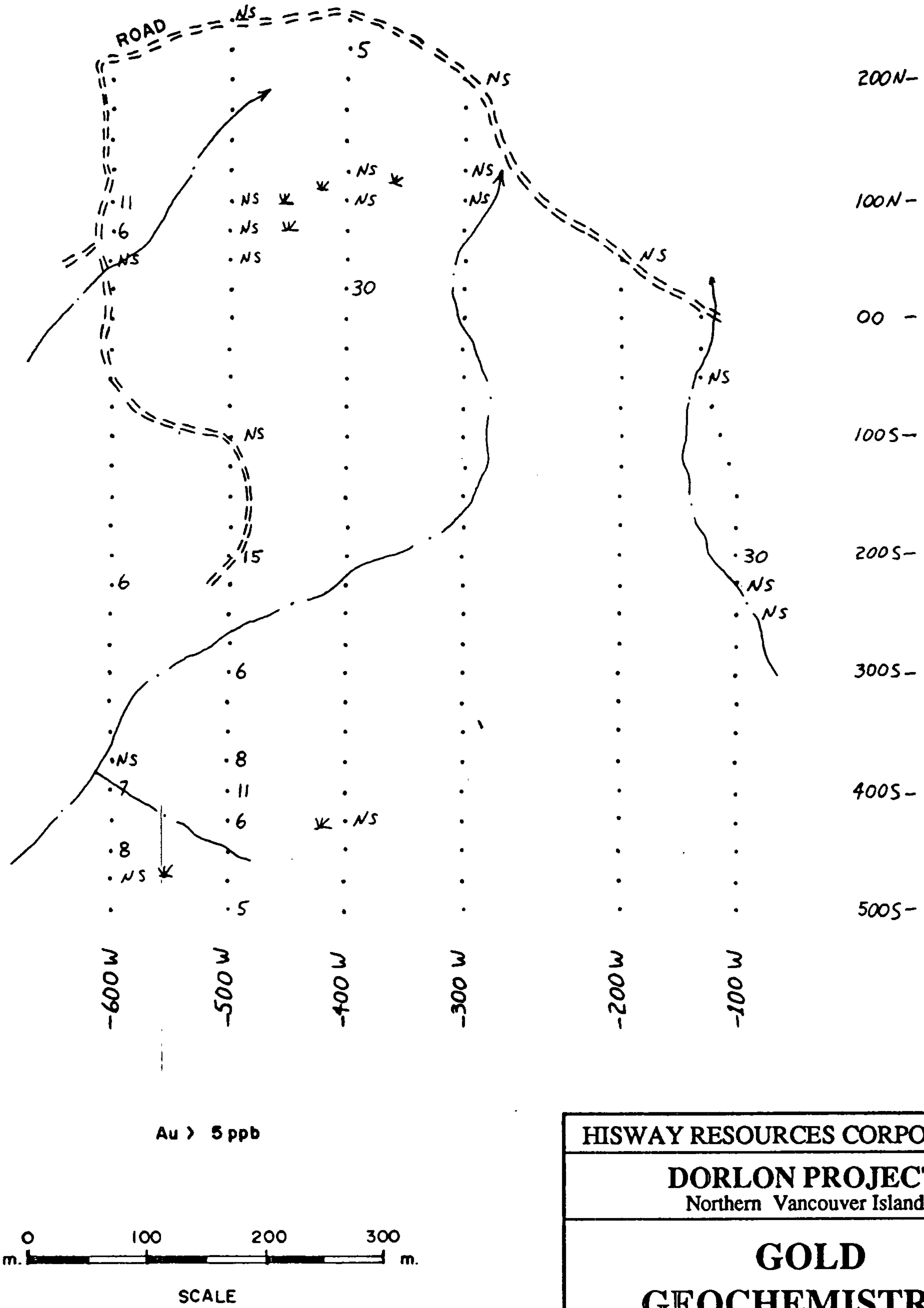
MAGNETOMETER SURVEY

DAIWAN ENGINEERING LTD.

SCALE 1:2500	DATE Aug. '90	FIG. 5



HISWAY RESOURCES CORPORATION		
DORLON PROJECT Northern Vancouver Island		
ZINC GEOCHEMISTRY		
DAIWAN ENGINEERING LTD.		
SCALE 1:5000	DATE Aug. '90	FIG. 6a



HISWAY RESOURCES CORPORATION

DORLON PROJECT
Northern Vancouver Island

GOLD GEOCHEMISTRY

DAIWAN ENGINEERING LTD.

SCALE	DATE	FIG.
1:5000	Aug. '90	6b

CONCLUSIONS

Magnetite-pyrite contact skarn at Iron Hat mineral claim locally contains high zinc and moderate copper and silver concentrations. These skarns exist along the limestone/quartz diorite contact at Iron Hat and Nahwitti mineral claims. The skarns can be delineated by detailed magnetometer surveying.

Parson Bay Formation chert on the eastern Dorlon mineral claim contains low copper concentrations.

Although soils with weakly anomalous zinc and gold contents are present in the extreme southwestern corner of Dorlon mineral claim, no anomalies warranting follow-up work were defined by the geochemical soil survey.

REFERENCES

Christopher, P.A. (1988) — Report on the H.P.H. Property, Nanaimo Mining Division, Nahwitti Lake Area, British Columbia; private unpublished report prepared for Hisway Resources Corporation by Peter Christopher and Associates Inc.

Greene, A.S. and von Einsiedel, C. (1990) — Report on Phase 1 Exploration, Geological, Geochemical, Geophysical and Diamond Drilling, Dorlon Claim Group, Nanaimo Mining Division, Northern Vancouver Island; private unpublished report prepared for Hisway Resources Ltd. by Silver Drake Resources Ltd.

Muller, J.E., Northcote, K.E. and Carlisle, D. (1974) — Geology and mineral deposits of Alert Bay-Cape Scott map-area (92L - 102I) Vancouver Island, British Columbia; Geological Survey of Canada Paper 74-8.

Oakley, S. (1990) — Compilation Summary and Discussion of Exploration Model for the Nahwitti Lake Property in the Nanaimo Mining Division of British Columbia; private, unpublished report prepared for Hisway Resources Corporation by Stephen Oakley.

Young, M. (1969) — Geological and Geochemical Assessment Report on the Expo Claim Group for Utah Mines Ltd.; BCDM Assessment Report #2190.

CERTIFICATE OF QUALIFICATIONS

I, David J. Pawliuk, do hereby certify that:

1.0 I am a geologist for Daiwan Engineering Ltd. with offices at 1030 - 609 Granville Street, Vancouver, British Columbia.

2.0 I am a graduate of the University of Alberta, Edmonton, Alberta with a degree of B.Sc., Geology.

3.0 I am a member, in good standing, of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

4.0 I have practised my profession continuously since 1975.

5.0 This report is based upon my personal fieldwork including supervision of the geochemical and geophysical surveys, and upon reports of others working in the area.

6.0 I have no interest, either direct or indirect, nor do I expect to receive any such interest, in the properties or securities of Hisway Resources Corporation.

David J. Pawliuk, B.Sc., P. Geol.
August 19, 1990

STATEMENT OF COSTS

Personnel

1 Project Geologist - D. Pawliuk		
- 8.5 days @ $340/day	$ 2,890.00	
1 Geologist - R. Husband		
- .5 days @ $260/day	130.00	
1 Field Technician - R. Bilquist		
- 6 days @ $260/day	1,560.00	
1 Field Technician - K. Bilquist		
- 6 days @ $200/day	1,200.00	
1 Office Assistant - T. Sheridan		
- 2.6 days @ $220/day	572.00	$ 6,352.00

Disbursements

Food and Accommodation		
-11 man-days @ $25.53	$ 280.86	
Field Supplies	41.93	
Vehicle/Supplies		
- 1 4x4, 9 days incl. fuel @ $57.43	516.87	
Airfare	357.26	
Drafting/Maps	50.00	
Office/Secretary	83.46	
Assays		
- 12 rocks, 30 element ICP + Au @ $7.50	90.00	
- 147 soils, 30 element ICP + Au @ $8.93	1,312.50	
Disbursement Fees	659.07	
Other	625.00	4,016.95
		$10,368.95

APPENDIX A

GEOCHEMICAL ANALYSIS CERTIFICATES

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Daiwan Engineering Ltd. PROJECT DORLON File # 90-3535 Page 1

1030 - 609 Granville St., Vancouver BC V7Y 1G5 Submitted by: PAWLIUK

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
600W+200N	1	49	15	52	.5	13	6	446	3.37	10	5	ND	1	31	.2	2	2	103	.68	.059	4	31	.31	22	.23	2	2.35	.02	.02	1	2
600W+175N	1	43	22	86	.3	19	11	1002	4.32	36	5	ND	1	10	.8	5	2	121	.25	.081	7	42	.14	18	.14	3	3.73	.01	.01	1	4
600W+150N	1	20	16	29	.5	9	4	188	6.00	8	5	ND	2	13	.3	5	2	168	.17	.075	4	59	.18	18	.33	2	3.80	.01	.01	1	1
600W+125N	4	43	26	63	.8	16	11	744	4.47	100	5	ND	2	19	.5	5	2	139	.52	.082	6	40	.38	21	.28	3	5.30	.01	.02	1	1
600W+100N	1	11	11	16	.4	4	1	122	2.81	5	5	ND	2	12	.2	2	2	124	.21	.026	4	37	.09	16	.34	3	2.05	.01	.02	1	11
600W+75N	25	15	14	41	.2	8	8	4015	6.47	6	5	ND	1	33	.3	2	2	137	.51	.023	3	27	.22	50	.40	2	1.63	.01	.02	1	6
600W+25N	2	10	14	25	.2	2	1	132	1.12	5	5	ND	1	25	.2	2	2	104	.17	.028	7	19	.13	19	.27	2	2.49	.02	.02	2	1
600W+00	4	2	14	16	.1	1	1	102	.90	5	5	ND	1	21	.2	2	3	84	.18	.014	3	10	.07	16	.29	2	1.32	.01	.01	2	2
600W+25S	1	6	6	22	.2	1	2	130	2.86	4	5	ND	1	20	.2	2	2	124	.15	.015	2	8	.07	22	.22	2	.86	.02	.02	1	1
600W+50S	11	10	10	42	.4	11	4	112	8.46	10	5	ND	3	23	.6	2	2	205	.57	.025	3	61	.25	21	.51	3	2.23	.02	.02	1	1
600W+75S	8	28	15	38	.2	9	3	128	2.51	6	5	ND	1	23	.4	2	2	147	.31	.024	6	52	.28	26	.47	2	3.72	.02	.01	1	2
600W+100S	2	19	12	34	.4	7	3	82	6.38	6	5	ND	3	14	.4	2	2	151	.16	.025	4	79	.15	26	.34	2	5.91	.01	.01	1	1
600W+125S	6	11	13	23	.1	4	2	90	4.62	6	5	ND	2	14	.2	2	2	157	.18	.013	4	36	.12	18	.34	2	2.47	.01	.01	1	1
600W+150S	1	14	16	32	.3	4	2	116	2.53	6	5	ND	2	27	.2	2	2	136	.17	.019	4	31	.20	28	.28	2	3.73	.02	.01	1	1
600W+175S	1	3	13	23	.2	5	2	330	4.16	8	5	ND	2	14	.3	2	2	142	1.03	.015	5	36	.23	13	.34	2	3.52	.01	.01	1	1
600W+200S	2	14	13	21	.1	4	3	101	6.13	15	5	ND	3	13	.3	2	2	152	.13	.019	4	46	.15	15	.31	2	5.14	.01	.01	1	1
600W+225S	1	24	12	23	.1	5	2	75	4.83	11	5	ND	4	8	.2	5	5	96	.07	.030	5	89	.15	9	.28	2	8.72	.01	.01	1	6
600W+250S	1	22	12	31	.1	7	3	130	8.39	9	5	ND	2	13	.4	2	2	205	.15	.020	3	86	.47	57	.49	2	3.65	.02	.02	1	1
600W+275S	1	18	16	31	.1	6	2	174	1.06	3	5	ND	1	25	.2	2	2	75	.19	.026	6	46	.30	25	.28	2	2.49	.02	.01	2	1
600W+300S	1	19	16	25	.1	6	2	95	2.39	14	5	ND	3	13	.2	2	3	155	.16	.033	14	42	.19	14	.33	2	6.93	.01	.01	1	1
600W+325S	3	41	10	46	.1	13	10	304	3.90	19	5	ND	3	61	.3	2	2	112	1.11	.053	7	23	.43	31	.18	2	3.13	.02	.03	1	2
600W+350S	2	7	5	44	.1	2	6	308	2.33	3	5	ND	4	103	.2	2	2	47	1.82	.022	6	5	.32	38	.08	2	4.04	.01	.05	1	1
600W+400S	2	21	9	59	.1	10	6	256	3.15	2	5	ND	3	50	.2	2	2	85	.73	.023	7	19	.44	42	.20	2	3.48	.02	.02	1	7
600W+425S	2	18	9	31	.2	6	3	105	4.85	2	5	ND	2	11	.2	2	2	190	.15	.016	4	49	.15	13	.37	2	3.32	.01	.01	1	2
600W+450S	14	6	14	26	.3	6	3	148	4.25	2	5	ND	3	18	.2	2	2	176	.18	.017	4	34	.25	20	.32	2	2.17	.01	.02	1	8
600W+500S	12	6	12	17	.1	1	1	162	2.16	2	5	ND	2	12	.2	2	2	126	.10	.009	5	7	.09	18	.24	2	1.41	.02	.01	1	1
500W+225N	1	25	7	36	3.9	11	3	128	6.51	3	5	ND	2	13	.4	2	2	242	.18	.020	3	45	.13	20	.54	2	1.55	.02	.01	1	1
500W+200N	1	28	10	29	.3	10	4	192	10.43	4	5	ND	3	13	.4	2	2	249	.25	.020	5	89	.24	12	.66	2	2.52	.01	.01	1	1
500W+175N	6	12	4	40	.1	5	6	352	4.98	4	5	ND	1	54	.3	2	2	119	.48	.034	3	16	.33	32	.20	2	1.59	.02	.01	1	1
500W+150N	1	21	12	31	.1	9	4	132	9.89	7	5	ND	1	12	.5	2	2	300	.21	.017	2	71	.22	12	.72	2	2.62	.01	.01	1	4
500W+125N	3	11	8	33	.2	5	3	205	2.85	2	5	ND	1	31	.2	2	2	96	.30	.021	5	24	.26	21	.26	2	2.59	.01	.01	1	1
500W+25N	15	9	18	25	.1	5	2	150	1.25	2	5	ND	1	19	.2	2	2	133	.24	.016	5	42	.22	26	.46	2	2.47	.01	.01	2	2
500W+00	7	15	14	31	.1	8	3	104	4.47	11	5	ND	3	16	.2	2	2	156	.21	.021	5	71	.20	19	.40	2	5.80	.01	.01	1	2
500W+25S	19	31	16	32	.1	9	3	108	1.22	11	5	ND	1	19	.2	2	2	105	.20	.032	8	56	.27	19	.31	3	5.25	.02	.01	2	1
500W+75S	3	24	14	35	.1	7	4	155	3.67	5	5	ND	1	26	.2	2	2	96	.27	.019	8	37	.31	22	.25	2	4.11	.01	.01	1	1
500W+125S	1	25	6	33	.1	8	8	259	2.57	2	5	ND	1	71	.2	2	3	76	1.50	.104	5	15	.36	27	.09	2	3.12	.02	.02	1	1
STANDARD C/AU-S	20	63	42	133	7.3	72	32	1050	3.97	42	18	8	40	53	18.4	16	21	60	.59	.094	39	60	.90	182	.09	36	1.90	.07	.13	13	48

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-P4 Soil P5 Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 16 1990 DATE REPORT MAILED: Aug 23/90. SIGNED BY C. Leong .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
500W+150S	2	21	12	31	.2	7	3	133	4.36	7	5	ND	4	16	.2	4	2	123	.17	.023	5	55	.21	26	.34	2	5.62	.02	.03	1	1
500W+175S	1	16	7	33	.3	6	2	70	7.83	7	5	ND	4	16	.2	5	2	145	.20	.031	3	87	.15	29	.37	2	6.73	.01	.03	1	4
500W+200S	2	12	16	29	.1	5	2	112	9.53	16	5	ND	3	13	.2	6	2	221	.15	.020	4	80	.18	19	.51	3	3.71	.01	.02	1	15
500W+225S	1	48	8	55	.1	12	6	235	4.24	11	5	ND	2	37	.2	4	2	138	.59	.049	6	40	.39	28	.27	2	4.57	.02	.03	1	1
500W+250S	1	17	23	22	.2	3	2	110	6.93	6	5	ND	5	27	.2	4	2	124	.20	.034	6	29	.15	19	.34	2	7.12	.01	.03	1	3
500W+275S	2	31	6	55	.2	3	4	129	3.81	9	5	ND	1	62	.3	6	2	91	.86	.039	8	13	.20	28	.18	2	4.49	.02	.04	1	2
500W+300S	21	6	8	25	.1	4	2	118	5.55	6	5	ND	1	19	.2	3	2	129	.17	.017	4	19	.19	17	.29	2	1.15	.02	.04	1	6
500W+325S	8	23	10	42	.1	21	5	155	5.58	7	5	ND	2	16	.2	4	2	115	.27	.018	6	102	.74	26	.38	2	4.62	.03	.03	1	3
500W+350S	9	22	3	39	.3	6	3	89	10.94	3	5	ND	2	13	.2	6	2	158	.13	.026	3	35	.22	16	.22	4	3.00	.03	.04	1	3
500W+375S	1	7	4	12	.2	3	1	239	2.08	4	5	ND	1	10	.2	3	2	115	.08	.005	4	16	.04	9	.16	2	.86	.01	.02	1	8
500W+400S	1	2	2	18	.1	4	4	203	7.15	2	5	ND	1	9	.2	3	2	251	.09	.003	2	24	.04	11	.17	5	.29	.01	.02	1	11
500W+425S	3	28	13	39	.3	6	3	102	8.08	10	5	ND	4	12	.2	7	2	198	.10	.017	4	78	.14	18	.38	2	5.17	.01	.02	1	6
500W+450S	24	7	8	38	.2	2	3	108	7.27	12	5	ND	7	10	.2	5	2	111	.07	.039	5	24	.07	18	.20	3	7.21	.01	.02	1	1
500W+475S	2	25	15	36	.1	6	2	132	1.18	7	5	ND	4	18	.2	7	2	74	.17	.025	6	30	.23	25	.25	2	6.68	.01	.02	1	2
500W+500S	4	5	17	19	.1	3	1	91	2.67	2	5	ND	3	15	.2	5	2	116	.12	.017	7	18	.09	25	.30	2	3.47	.01	.03	1	5
400W+225N	1	2	2	13	.1	6	4	270	5.34	4	5	ND	1	9	.2	2	2	235	.12	.006	2	26	.05	11	.32	6	.34	.01	.02	1	5
400W+200N	1	17	10	18	.4	9	3	145	2.20	2	5	ND	1	12	.2	2	2	135	.32	.019	4	33	.25	14	.36	2	1.62	.03	.02	1	1
400W+175N	1	5	9	7	.2	2	1	111	1.48	3	5	ND	1	11	.2	2	3	85	.12	.015	3	27	.06	11	.32	2	.62	.02	.03	1	1
400W+150N	1	5	13	12	.1	5	1	180	.89	2	5	ND	1	17	.2	2	2	98	.17	.010	4	24	.15	22	.36	2	1.00	.01	.01	1	2
400W+75N	1	3	13	11	.2	2	1	147	3.39	5	5	ND	1	30	.2	2	2	183	.14	.015	8	42	.11	27	.31	2	1.74	.01	.02	1	3
400W+50N	1	6	9	12	.1	4	1	186	3.82	11	5	ND	1	13	.2	3	2	232	.15	.022	5	40	.11	12	.28	2	1.61	.01	.01	1	3
400W+25N	1	3	10	7	.2	1	1	219	2.36	4	5	ND	2	9	.2	2	2	202	.10	.010	4	22	.05	10	.49	2	.84	.01	.01	1	30
400W+00	2	20	7	18	.1	9	4	98	10.68	20	5	ND	2	14	.2	3	2	305	.12	.022	3	82	.21	17	.62	2	2.98	.01	.01	1	3
400W+25S	3	25	11	22	.2	6	2	134	1.68	7	5	ND	1	19	.2	3	2	162	.24	.023	6	54	.25	20	.32	2	4.41	.02	.01	1	4
400W+50S	1	16	11	24	.1	8	3	130	7.45	16	5	ND	3	16	.2	6	2	176	.17	.027	8	72	.27	19	.36	3	5.90	.01	.01	1	1
400W+75S	8	6	8	22	.2	6	3	121	4.65	3	5	ND	3	16	.2	3	2	161	.21	.014	5	48	.19	16	.42	2	3.36	.01	.02	1	2
400W+100S	2	10	11	18	.2	3	2	102	2.10	7	5	ND	1	24	.2	2	2	115	.16	.017	4	17	.15	31	.15	2	2.35	.02	.04	1	3
400W+125S	1	30	5	26	.1	8	5	163	4.92	13	5	ND	2	31	.2	6	2	158	.21	.023	4	42	.34	31	.29	3	6.72	.02	.02	1	1
400W+150S	1	5	5	13	.2	6	4	116	5.28	8	5	ND	1	14	.2	3	2	251	.13	.012	4	30	.09	20	.41	2	1.45	.02	.02	1	4
400W+175S	1	28	9	24	.1	6	3	162	8.32	14	5	ND	3	18	.2	2	2	137	.21	.034	4	86	.26	22	.32	2	5.40	.01	.02	1	3
400W+200S	5	36	4	42	.2	9	7	242	4.31	25	5	ND	2	101	.2	4	2	125	1.35	.046	8	23	.40	45	.19	2	4.53	.02	.05	1	4
400W+225S	2	19	9	30	.4	4	4	242	2.79	4	5	ND	1	111	.2	4	2	57	1.47	.077	6	4	.36	46	.14	4	2.66	.02	.07	1	1
400W+250S	2	5	10	24	.2	4	3	180	3.88	9	5	ND	1	28	.2	2	2	165	.37	.015	5	14	.29	23	.33	2	1.52	.02	.02	1	1
400W+275S	3	5	10	35	.1	6	4	248	1.76	2	5	ND	1	36	.2	3	2	72	.35	.014	6	23	.39	22	.29	2	2.38	.02	.02	1	2
400W+300S	2	48	12	34	.2	8	3	157	3.07	7	5	ND	1	20	.2	3	3	108	.24	.019	11	34	.24	22	.30	2	3.26	.02	.01	1	3
400W+325S	1	4	4	19	.2	6	4	160	4.54	6	5	ND	1	14	.2	2	3	225	.15	.009	4	25	.12	12	.33	2	1.29	.01	.02	1	3
STANDARD C/AU-S	20	62	41	133	7.3	73	32	1049	3.97	42	18	8	40	53	19.0	16	21	61	.59	.099	39	60	.90	179	.09	36	1.90	.07	.14	11	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
400W+350S	1	10	10	24	.4	5	4	129	8.68	18	5	ND	1	12	.2	4	2	290	.09	.013	3	60	.12	13	.50	3	2.92	.02	.01	1	1
400W+375S	2	9	8	28	.2	6	3	115	7.24	9	5	ND	2	15	.2	4	2	265	.12	.016	3	37	.19	23	.43	2	1.75	.02	.01	1	4
400W+400S	6	14	14	49	.2	6	2	139	1.00	7	5	ND	1	21	.2	2	2	76	.22	.034	5	28	.26	24	.23	2	1.86	.03	.03	1	1
400W+450S	11	3	12	49	.2	4	3	250	1.10	6	5	ND	1	32	.2	2	2	53	.27	.014	4	13	.33	19	.24	2	1.48	.03	.03	1	1
400W+475S	9	7	13	50	.2	7	4	249	1.20	4	5	ND	1	37	.2	2	2	49	.35	.020	5	21	.42	28	.27	2	1.49	.03	.02	1	2
400W+500S	48	4	12	45	.1	7	3	262	1.77	7	5	ND	1	29	.2	2	2	101	.31	.010	5	24	.43	25	.38	2	1.65	.02	.02	1	1
300W+175N	3	7	6	23	.2	3	5	289	3.02	10	5	ND	2	65	.2	2	2	79	.84	.036	6	9	.28	31	.13	2	1.91	.02	.03	1	1
300W+150N	4	9	9	49	.1	5	13	1321	4.05	11	5	ND	1	114	.2	2	2	79	1.65	.076	7	9	.43	41	.12	2	3.34	.02	.05	1	2
300W+75N	1	15	8	50	.2	3	4	211	3.06	3	5	ND	1	90	.2	2	2	63	1.15	.028	8	8	.34	27	.13	2	3.35	.03	.02	1	2
300W+50N	5	13	7	35	.2	3	4	226	4.79	18	5	ND	3	72	.4	4	2	77	.88	.043	9	12	.32	37	.18	2	5.01	.02	.02	1	1
300W+25N	11	8	12	35	.1	3	3	167	6.56	13	5	ND	3	36	.2	3	2	142	.19	.025	6	16	.19	28	.28	2	3.18	.02	.02	1	2
300W+00	4	14	10	35	.2	4	4	213	4.06	9	5	ND	4	64	.2	2	2	89	.59	.024	6	12	.33	30	.19	2	3.22	.02	.02	1	1
300W+25S	2	8	7	50	.1	2	3	111	3.90	11	5	ND	3	44	.2	2	2	91	.31	.031	6	8	.18	36	.21	3	3.97	.03	.02	1	1
300W+50S	1	6	14	28	.1	2	2	118	4.95	17	5	ND	5	26	.2	3	2	112	.16	.029	8	28	.20	14	.26	2	6.64	.01	.01	1	3
300W+75S	1	5	12	23	.3	5	3	127	4.31	6	5	ND	1	15	.2	3	2	177	.14	.014	4	24	.10	14	.33	2	1.22	.01	.01	1	1
300W+100S	1	1	8	17	.1	3	3	115	4.68	2	5	ND	2	12	.2	2	2	230	.09	.010	3	21	.08	12	.43	2	.97	.01	.01	1	1
300W+125S	1	7	8	19	.1	2	2	123	2.37	4	5	ND	1	18	.2	2	2	149	.13	.014	5	16	.11	14	.28	2	.98	.02	.01	1	2
300W+150S	2	5	16	27	.2	4	2	99	6.62	20	5	ND	1	25	.2	2	2	229	.13	.011	3	31	.14	31	.53	2	1.77	.02	.01	1	2
300W+175S	1	16	5	47	.3	3	4	210	2.71	11	5	ND	1	127	.2	2	2	59	2.40	.101	6	8	.17	53	.07	2	4.37	.02	.05	1	2
300W+200S	3	5	13	29	.1	10	3	168	2.62	12	5	ND	1	16	.2	2	2	180	.24	.017	4	37	.37	16	.39	2	1.74	.02	.03	1	3
300W+225S	1	3	8	17	.1	3	2	146	4.13	11	5	ND	1	14	.2	2	2	209	.13	.008	4	23	.11	13	.40	2	1.10	.01	.01	1	1
300W+250S	4	10	11	42	.2	8	3	152	1.78	3	5	ND	1	28	.2	3	2	82	.26	.025	8	31	.29	49	.23	2	3.22	.02	.03	1	1
300W+275S	2	5	13	38	.1	8	3	197	1.47	12	5	ND	1	24	.2	2	2	98	.25	.029	9	49	.40	25	.33	2	3.94	.02	.01	2	1
300W+300S	1	22	12	30	.2	7	2	102	2.23	3	5	ND	1	16	.2	2	2	102	.17	.027	7	45	.19	21	.21	2	4.03	.02	.02	1	1
300W+325S	1	1	12	28	.2	2	1	88	3.45	2	5	ND	1	13	.2	2	2	93	.13	.021	3	25	.11	16	.30	2	.71	.02	.02	1	1
300W+350S	2	10	10	31	.1	5	3	131	5.33	12	5	ND	1	17	.2	2	2	155	.14	.016	4	27	.17	20	.26	2	2.00	.01	.01	1	1
300W+375S	5	1	11	28	.2	2	2	118	4.12	3	5	ND	1	24	.2	2	2	236	.11	.012	4	13	.08	21	.30	2	1.32	.01	.02	1	1
300W+400S	4	1	17	25	.1	4	2	135	1.28	6	5	ND	1	20	.2	2	3	90	.18	.013	5	24	.17	15	.33	2	1.73	.02	.02	2	2
300W+425S	2	4	11	28	.2	2	1	98	1.13	11	5	ND	1	16	.2	2	2	74	.13	.016	4	13	.10	16	.22	2	1.16	.02	.02	1	2
300W+450S	1	1	11	21	.1	3	2	158	2.07	2	5	ND	1	31	.2	2	2	124	.15	.007	3	25	.17	25	.26	2	1.25	.02	.02	1	1
300W+475S	3	12	19	53	.1	5	3	136	5.65	4	5	ND	4	21	.2	2	2	150	.20	.017	4	32	.21	19	.39	2	3.33	.02	.03	1	2
300W+500S	2	11	17	50	.1	8	3	218	1.47	3	5	ND	2	23	.2	2	2	93	.24	.023	8	42	.32	28	.35	2	4.82	.01	.01	1	1
200W+25N	1	1	21	18	.1	1	1	145	.56	4	5	ND	1	13	.2	2	2	74	.14	.018	5	24	.12	30	.34	2	1.16	.01	.02	1	1
200W+00	1	2	7	20	.2	11	5	158	3.80	3	5	ND	1	11	.2	2	2	172	.29	.014	3	62	.56	26	.45	2	1.75	.03	.07	1	1
200W+25S	1	28	12	23	.1	10	3	100	4.71	29	5	ND	2	9	.2	2	2	141	.13	.038	4	78	.30	16	.34	2	7.69	.02	.01	1	2
200W+50S	1	12	17	28	.1	8	3	116	6.20	19	5	ND	3	11	.2	2	2	206	.15	.016	4	68	.19	14	.55	2	5.07	.01	.01	1	3
STANDARD C/AU-S	19	62	42	133	7.4	73	32	1049	3.97	41	18	8	40	53	18.5	15	22	60	.58	.094	39	60	.90	185	.09	37	1.90	.07	.14	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	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
200W+75S	1	22	16	27	.2	7	2	102	9.47	10	5	ND	4	12	.2	2	2	205	.18	.030	2	91	.20	16	.54	2	4.62	.01	.01	1	2
200W+100S	1	27	11	31	.5	9	3	102	6.16	8	5	ND	3	11	.2	2	2	157	.15	.025	4	76	.21	15	.34	2	5.90	.02	.02	1	1
200W+125S	1	14	5	13	.1	9	5	188	5.92	8	5	ND	2	9	.2	2	6	300	.12	.004	2	32	.06	7	.40	2	.58	.01	.01	1	3
200W+150S	4	20	21	31	.1	7	2	128	2.33	9	5	ND	2	21	.2	2	6	153	.30	.018	5	61	.30	18	.38	2	4.61	.01	.01	1	4
200W+175S	2	7	15	13	.1	2	1	69	.40	2	5	ND	1	18	.2	2	3	51	.13	.009	2	12	.05	17	.38	2	.67	.02	.02	1	3
200W+200S	1	19	11	22	.3	5	2	114	8.05	10	5	ND	4	14	.2	2	2	192	.15	.014	3	51	.21	11	.43	2	3.96	.01	.01	1	1
200W+225S	5	26	12	27	.2	6	3	107	8.34	9	5	ND	5	12	.2	2	2	176	.13	.017	3	61	.20	11	.37	2	4.84	.01	.01	1	2
200W+250S	1	23	13	26	.2	7	2	112	6.79	13	5	ND	4	11	.2	2	5	160	.15	.017	4	73	.21	14	.40	2	4.78	.02	.02	1	2
200W+275S	2	28	15	30	.3	8	3	107	6.54	12	5	ND	3	10	.2	2	3	147	.12	.020	2	97	.29	34	.35	2	6.89	.02	.01	1	2
200W+300S	2	27	16	24	.4	9	4	140	6.81	11	5	ND	4	12	.2	2	3	162	.16	.016	2	74	.29	13	.40	2	5.02	.02	.01	1	2
200W+325S	2	17	12	19	.3	5	2	114	7.55	8	5	ND	1	10	.2	2	2	224	.10	.013	2	27	.07	11	.43	2	1.03	.01	.01	1	1
200W+350S	2	11	16	19	.1	4	1	144	3.06	5	5	ND	1	15	.2	2	5	131	.16	.008	3	24	.20	14	.47	2	1.37	.01	.02	1	1
200W+375S	1	9	7	14	.1	1	1	140	3.86	2	5	ND	1	17	.2	2	7	151	.12	.007	2	6	.05	17	.33	2	.78	.01	.02	1	1
200W+400S	1	5	15	13	.2	1	1	104	1.23	5	6	ND	1	10	.2	2	2	86	.12	.010	3	16	.12	12	.33	2	.90	.02	.02	1	1
200W+425S	1	7	9	13	.1	1	1	152	1.87	2	5	ND	1	11	.2	2	2	104	.11	.010	5	6	.03	13	.14	2	1.11	.01	.02	1	2
200W+450S	1	4	17	19	.2	2	1	153	1.23	2	5	ND	2	23	.2	2	4	91	.13	.012	4	7	.15	19	.24	2	1.66	.01	.02	1	2
200W+475S	1	16	16	35	.3	5	2	145	4.31	8	5	ND	5	19	.2	2	7	114	.20	.014	4	31	.26	18	.35	2	2.77	.02	.01	1	2
200W+500S	1	8	16	42	.4	3	1	203	2.39	3	7	ND	3	41	.2	2	5	90	.25	.009	3	8	.30	24	.38	2	1.25	.02	.02	1	1
100W+0S	2	24	14	43	.2	7	2	106	8.14	12	5	ND	3	13	.2	2	2	240	.17	.026	2	98	.26	18	.46	2	4.84	.01	.02	1	1
100W+25S	1	24	13	26	.3	5	2	102	11.30	8	5	ND	4	12	.2	2	2	327	.10	.018	2	70	.10	13	.53	2	2.60	.01	.01	1	1
100W+75S	1	16	4	17	.2	2	2	75	4.05	2	5	ND	2	27	.2	2	3	149	.12	.007	2	11	.08	35	.23	2	1.63	.02	.02	1	3
100W+100S	2	10	11	22	.2	2	1	109	1.86	6	5	ND	1	28	.2	2	4	102	.11	.012	2	6	.26	26	.24	2	1.26	.02	.03	1	2
100W+125S	1	8	15	17	.3	4	1	115	1.59	6	5	ND	2	12	.2	2	7	128	.18	.010	3	35	.19	15	.54	2	1.17	.01	.01	1	6
100W+150S	1	17	14	44	.3	14	3	161	1.07	4	5	ND	2	20	.2	3	2	127	.21	.019	5	69	.53	33	.42	2	2.24	.02	.03	1	1
100W+175S	1	5	8	12	.1	1	1	62	.16	2	5	ND	1	9	.2	2	4	26	.04	.008	3	2	.01	17	.17	2	.86	.01	.03	1	5
100W+200S	1	4	2	13	.1	1	1	107	2.66	2	5	ND	2	11	.2	2	4	86	.06	.004	2	2	.05	17	.18	2	.63	.01	.02	1	30
100W+275S	1	19	10	18	.4	6	3	165	5.78	6	5	ND	2	17	.2	2	5	249	.17	.010	2	25	.20	22	.48	2	1.41	.02	.01	1	3
100W+300S	2	30	20	24	.3	6	2	55	4.26	15	5	ND	4	12	.2	5	4	90	.07	.023	5	85	.18	12	.21	2	10.64	.01	.01	2	1
100W+325S	2	23	15	29	.3	19	3	83	5.34	9	6	ND	5	9	.2	5	3	130	.13	.034	6	97	.31	16	.39	2	7.48	.01	.02	1	3
100W+350S	1	16	11	29	.3	6	2	155	6.94	7	5	ND	2	11	.2	2	2	243	.12	.010	3	46	.23	12	.55	2	2.10	.01	.01	1	2
100W+375S	1	20	13	33	.3	7	3	187	8.08	11	5	ND	4	30	.2	2	2	177	.17	.011	3	44	.27	21	.51	2	1.94	.02	.02	1	1
100W+400S	1	9	11	18	.2	2	1	124	2.60	3	5	ND	1	24	.2	2	2	94	.09	.018	4	3	.09	22	.17	2	1.31	.01	.02	1	2
100W+425S	1	11	14	28	.2	3	2	164	2.20	2	5	ND	3	18	.2	2	3	91	.11	.018	4	5	.36	23	.30	2	1.94	.02	.03	1	1
100W+450S	1	16	7	18	.6	2	1	92	6.41	2	5	ND	3	17	.2	2	3	159	.11	.013	3	5	.02	19	.32	2	1.63	.01	.01	1	1
100W+475S	1	8	9	11	.2	1	1	84	1.00	3	5	ND	1	22	.2	3	5	63	.09	.015	4	3	.07	42	.17	2	1.14	.01	.03	1	2
100W+500S	1	10	12	27	.2	3	2	90	2.06	2	5	ND	2	24	.2	2	2	83	.17	.019	5	7	.17	20	.24	2	1.03	.02	.02	1	3
STANDARD C/AU-S	18	58	36	129	6.7	69	32	1046	3.95	37	17	7	36	53	18.4	15	18	55	.52	.088	35	56	.89	181	.09	33	1.88	.06	.13	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	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 32830	3	444	2	74	.7	31	33	448	4.69	10	5	ND	1	179	.2	2	2	134	1.38	.081	5	53	1.02	102	.31	2	2.56	.26	.21	1	7
D 32831	2	6	3	42	.1	6	10	1224	1.50	2	5	ND	4	153	.2	2	2	20	2.86	.095	9	15	1.03	8	.15	2	1.61	.01	.03	1	1
D 32832	2	16	6	43	.1	8	8	649	2.87	2	5	ND	1	59	.2	2	2	54	1.38	.036	7	8	.90	96	.10	2	1.63	.09	.09	1	1
D 32833	1	61	41	33	1.3	83	26	175	3.18	2	5	ND	1	357	.8	2	2	23	4.92	.042	2	29	.22	39	.11	13	4.22	.26	.13	1	2
D 32834	10	140	17	82	.3	30	18	234	2.32	29	5	ND	1	187	.8	2	2	48	2.45	.073	3	8	.14	73	.12	4	3.33	.35	.05	1	1
D 32835	1	10	10	86	.2	19	2	1031	2.07	16	5	ND	1	19	.7	2	5	41	2.36	.054	2	14	.10	4	.05	2	.98	.01	.01	1	1
D 32836	3	163	9	25	.6	27	21	56	1.49	17	6	ND	2	244	.3	2	2	16	1.70	.066	3	5	.09	35	.13	3	2.09	.37	.06	1	2
D 32837	2	403	8	24	.8	6	14	123	1.78	18	5	ND	2	146	.3	2	2	21	2.31	.057	3	2	.23	13	.06	2	3.29	.09	.06	1	51
D 32838	1	78	3	28	.2	11	14	270	3.16	17	5	ND	1	106	.3	2	2	26	1.24	.064	3	6	.28	68	.06	2	2.28	.09	.04	1	7
D 32839	1	735	12	108	1.1	36	68	1424	5.21	34	5	ND	2	46	1.0	2	2	15	6.20	.039	2	11	.54	35	.03	2	.81	.01	.02	14	5
D 32840	1	1790	27	16328	3.9	34	65	1724	33.83	7	5	ND	4	13	111.7	2	2	35	2.63	.054	2	20	.58	7	.03	2	.87	.01	.01	1	33
D 32841	1	268	5	391	.9	17	19	1779	36.59	11	5	ND	4	4	3.0	2	2	20	4.50	.008	3	1	.11	6	.01	2	.59	.01	.02	14	5
STANDARD C/AU-R	19	63	40	132	7.0	72	32	1047	3.96	42	18	7	39	53	18.4	15	18	61	.52	.099	41	61	.89	188	.09	36	1.90	.06	.14	14	500

APPENDIX B

ROCK SAMPLE DESCRIPTIONS

GEOCHEMICAL ROCK SAMPLE DESCRIPTIONS

32830 Rusty brown weathering siliceous greywacke xenolith which contains 2% pyrite (and ? chalcopyrite) with magnetite. Continuous chip sample across 30 cm from mineralized area about 1 m by 0.75 m within xenolith 1 m by 2 m by 3 m; country rock quartz diorite.

32831 Light green skarn with traces disseminated pyrite, no other sulphides seen; no magnetite. Grab sample from several sites within 5 m by 5 m area.

32832 Grab sample from several locales in pale green quartz feldspar porphyry dyke contains 3% magnetite as subround to elongate masses up to few mm long and traces disseminated pyrite. Dyke 1.7 m wide, strike 056°, dip steep (?).

32833 Grab sample of light greyish green moderately silicified limestone with 2-3% very finely disseminated pyrite. Sample taken from boulder, likely local float.

32834 Grab sample from several locales of very fine grained siliceous greywacke or chert, thinly bedded, with 2-3% pyrite as 1-2 mm wide layers and as spots to 2.0 mm across. Green pyroxene (?) spots rock. Local magnetite with pyrite. Bedding strike about 113° dip 32° S.W.

32835 Grab sample of limonitic, rusty brown weathering light green skarn bed within thinly laminated, very fine grained siliceous tuffs/cherty greywackes strike 107° dip 27° south.

32836 Continuous chip sample across 1 m of pale grey chert containing 2% disseminated pyrrhotite, to 0.4% chalcopyrite, traces pyrite and magnetite.

32837 Grab from the places in brown weathering (limonitic), intensely fractured andesite with 3-5% disseminated pyrite. Rock also contains epidote and feldspar veinlets.

32838 Chip across 1 m in reddish brown weathering, moderately fractured chert with 3% pyrite both disseminated and as irregular masses.

32839 Grab from three places in 1 m^2 area of pale brown to pale green skarn with local irregular calcite lenses. Average 1% (up to 5%) pyrite and rare chalcopyrite masses up to few mm across.

32840 Grab from several sites over 6.5 m along skarn/limestone contact where pods and lenses of magnetite, epidote, quartz, garnet, pyrite and chalcopyrite up to 30 cm wide and 1 m long.

32841 Grab sample from couple of places in magnetite/pyrite skarn band at least 30 cm wide and 2.5 m long exposed along creek. Magnetite/pyrite band with pale brown garnet skarn wallrock.

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
D 32830	3	444	2	74	.7	31	33	448	4.69	10	5	ND	1	179	.2	2	2	134	1.38	.081	5	53	1.02	102	.31	2	2.56	.26	.21	1	7
D 32831	2	6	3	42	.1	6	10	1224	1.50	2	5	ND	4	153	.2	2	2	20	2.86	.095	9	15	1.03	8	.15	2	1.61	.01	.03	1	1
D 32832	2	16	6	43	.1	8	8	649	2.87	2	5	ND	1	59	.2	2	2	54	1.38	.036	7	8	.90	96	.10	2	1.63	.09	.09	1	1
D 32833	1	61	41	33	1.3	83	26	175	3.18	2	5	ND	1	357	.8	2	2	23	4.92	.042	2	29	.22	39	.11	13	4.22	.26	.13	1	2
D 32834	10	140	17	82	.3	30	18	234	2.32	29	5	ND	1	187	.8	2	2	48	2.45	.073	3	8	.14	73	.12	4	3.33	.35	.05	1	1
D 32835	1	10	10	86	.2	19	2	1031	2.07	16	5	ND	1	19	.7	2	5	41	2.36	.054	2	14	.10	4	.05	2	.98	.01	.01	1	1
D 32836	3	163	9	25	.6	27	21	56	1.49	17	6	ND	2	244	.3	2	2	16	1.70	.066	3	5	.09	35	.13	3	2.09	.37	.06	1	2
D 32837	2	403	8	24	.4	6	14	123	1.78	18	5	ND	2	146	.3	2	2	21	2.31	.057	3	2	.23	13	.06	2	3.29	.09	.06	1	51
D 32838	1	78	3	28	.2	11	14	270	3.16	17	5	ND	1	106	.3	2	2	26	1.24	.064	3	6	.28	68	.06	2	2.28	.09	.04	1	7
D 32839	1	735	12	108	1.1	36	68	1424	5.21	34	5	ND	2	46	1.0	2	2	15	6.20	.039	2	11	.54	35	.03	2	.81	.01	.02	14	5
D 32840	1	1790	27	16328	3.9	34	65	1724	33.83	7	5	ND	4	13	111.7	2	2	35	2.63	.054	2	20	.58	7	.03	2	.87	.01	.01	1	33
D 32841	1	268	5	391	.9	17	19	1779	36.59	11	5	ND	4	4	3.0	2	2	20	4.50	.008	3	1	.11	6	.01	2	.59	.01	.02	14	5
STANDARD C/AU-R	19	63	40	132	7.0	72	32	1047	3.96	42	18	7	39	53	18.4	15	18	61	.52	.099	41	61	.89	188	.09	36	1.90	.06	.14	14	500

LEGEND

(symbol)	creek
(symbol)	road
• 32839	rock sample
(symbol)	outcrop
mag	magnetite
py	pyrite
flds	feldspar
lmst	limestone
qtz	quartz
po	pyrrhotite
cp	chalcopyrite
vlts	veinlets
sp	sphalerite
gwke	greywacke

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,328

HISWAY RESOURCES CORPORATION

DORLON PROJECT

Northern Vancouver Island

PROPERTY GEOLOGY & SAMPLE LOCATIONS

DAIWAN ENGINEERING LTD.

Date: AUGUST '90	Scale: 1:5000	Figure: 4