ASSESSMENT REPORT

ON PROSPECTING, GEOCHEMICAL SAMPLING AND GEOPHYSICAL SURVEYING OF THE TARGET #1, WATERFALL #1 AND IR CLAIMS

Liard Mining Division, British Columbia

NTS 104G/13 & 104G/12
Latitude: 57° 46'N
Longitude: 131° 55'W

for

DRYDEN RESOURCE CORPORATION
Vancouver, B.C.

by

A. Blain, B.Sc.(Hons.), ARSM, D.M. Strain,
and N.C. Aspinall, M.Sc., P.Eng.
KEEWATIN ENGINEERING INC.
#800 - 900 West Hastings Street
Vancouver, B.C.
V6C 1E5

December 4, 1990

ABSTRACT

The Target #1, Waterfall #1 and I.R. #1, 2, 5, 6, 7 and 8 claims comprise 135 units, and are located within the Liard Mining Division in northwestern British Columbia. They are under option to Dryden Resource Corporation from Integrated Resources Ltd.

During 1990, a program of prospecting, geochemical sampling and geophysical surveying was carried out on the property for economic precious and base metal deposits.

Two prospective areas were recognized, the first within the eastern portion of Target #1 claim, the second along the southern boundary of Waterfall #1 claim. The first prospective area covers a gold anomalous zone of 600 m x 400 m, where 15 anomalous soil samples were located on the slopes of two ridges which reach 7,000 feet elevation; analytical values on these soil samples peak at 1,680 ppb gold. Rock sample assays are low, the highest value being 430 ppb gold. The second area consists of two zones; two quartz with sulphide float boulders asayed as high as 9,880 ppb gold but are thought to have come from one local zone. The second zone is limited to a 5 m x 2 m trench where a syenite dyke cuts pyritized argillites stained with malachite and grades 1,110 ppb gold and up to 3.27% copper.

Although several float and grab sample analyses are spectacular, they are believed to be from either isolated mineralized contact zones, shears, minor quartz veins or syenite dyke contacts. This style of erratic geochemical gold values associated with soils and rocks is considered representative of the mineralization seen on the property. The majority of samples collected were not anomalous, and these results, together with prospecting and follow-up of the anomalous values have failed to locate any significant showings to date.

However, it is recommended that further work be done over both prospective areas before Dryden Resource Corporation relinquishes its option. This work should include more soil and rock sampling, reconnaissance geological mapping and prospecting, followed up by trenching and sampling of identified mineralized zones.

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INTRODUCTION

Location and Access

The property is located in northwestern British Columbia, and falls within NTS map sheets 104G/13 (Tahltan Lake) and 104G/12 (Chutine) of the Liard Mining Division (Figure 1). The claims extend from the headwaters of Limpoke Creek in the north to the Chutine River in the south (Figure 2).

Access is via helicopter from Integrated Resources, Barrington River camp 10 km to the east, Telegraph Creek lies 45 km to the east. The Barrington River camp is accessible by road and has an airstrip.

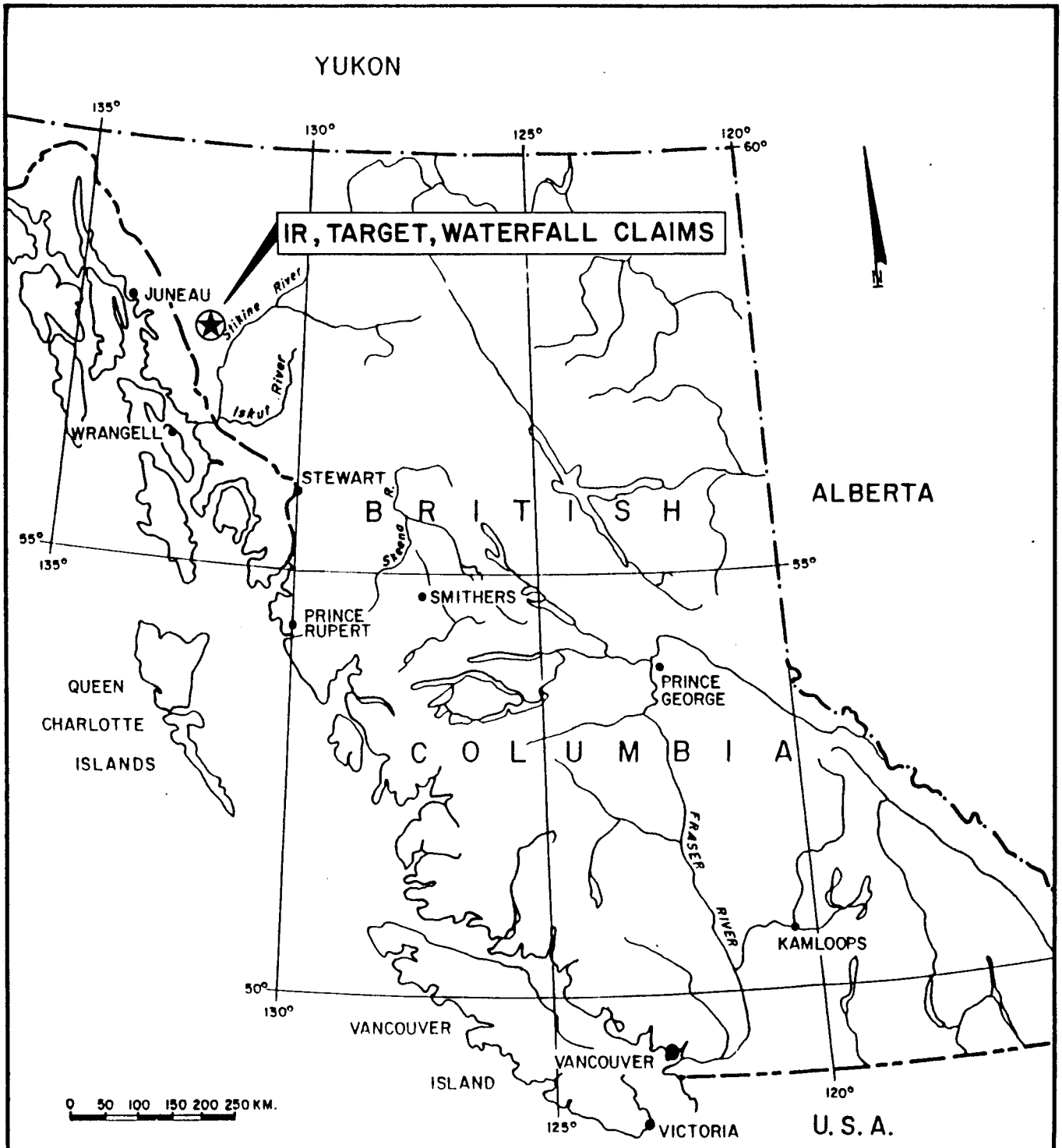
Topography, Vegetation and Climate

A small northern part of the claims is drained into Limpoke Creek which is a tributary of the Barrington River. The bulk of the claims drain into Wimpson Creek which is a tributary of the Chutine River. The property has steep slopes which rise up to over 6,000 feet and there is a small glacier in the mid-eastern portion. The lower slopes are covered with dense alder and conifer growth, above 3,800 feet alpine scrub trees and grasses prevail.

Snow begins to accumulate on the higher ground in October and may remain until July.

Ownership/Tenure

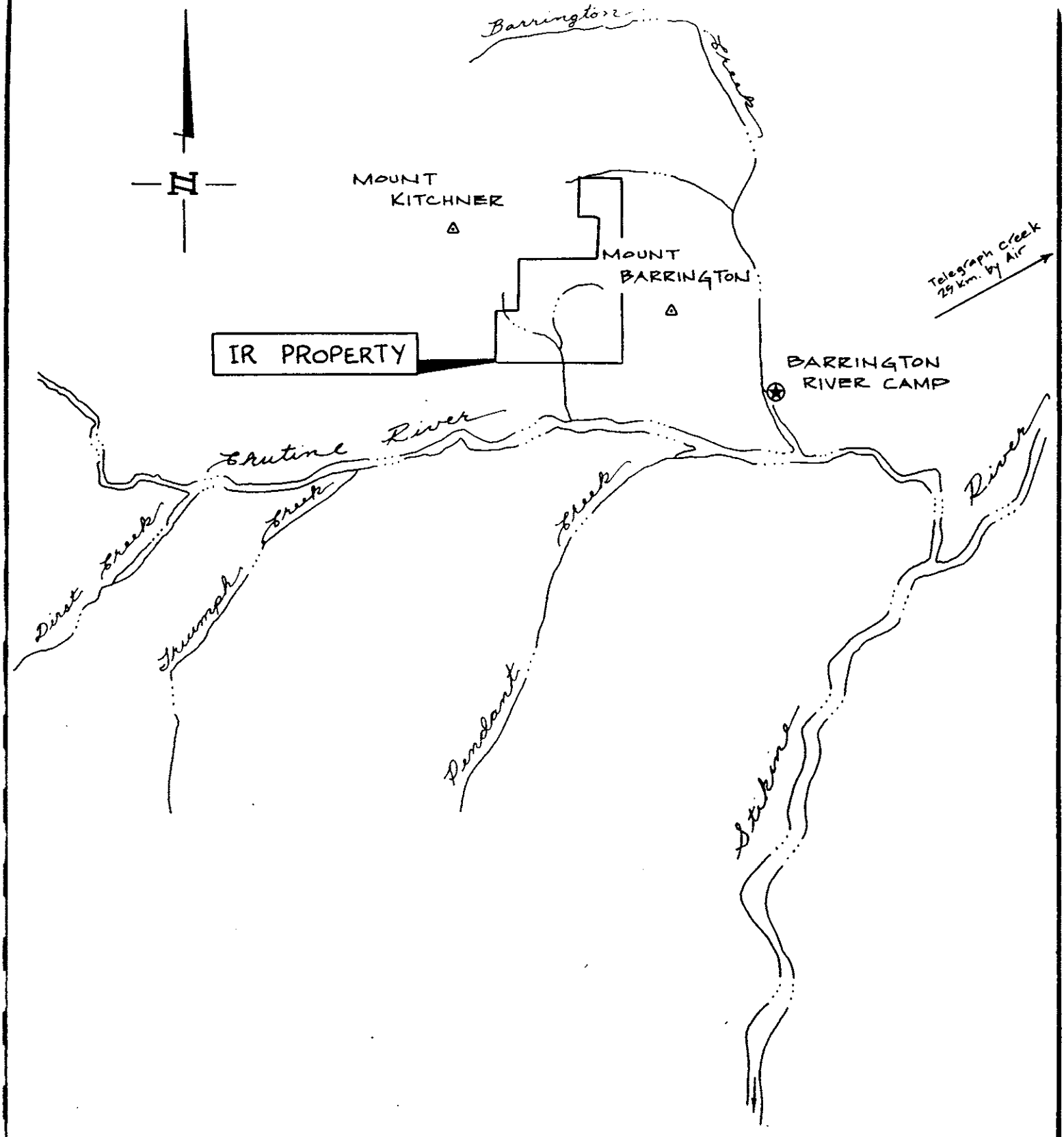
The claims are in the Liard Mining Division (Figure 3) and consist of the following:



PROPERTY LOCATION MAP

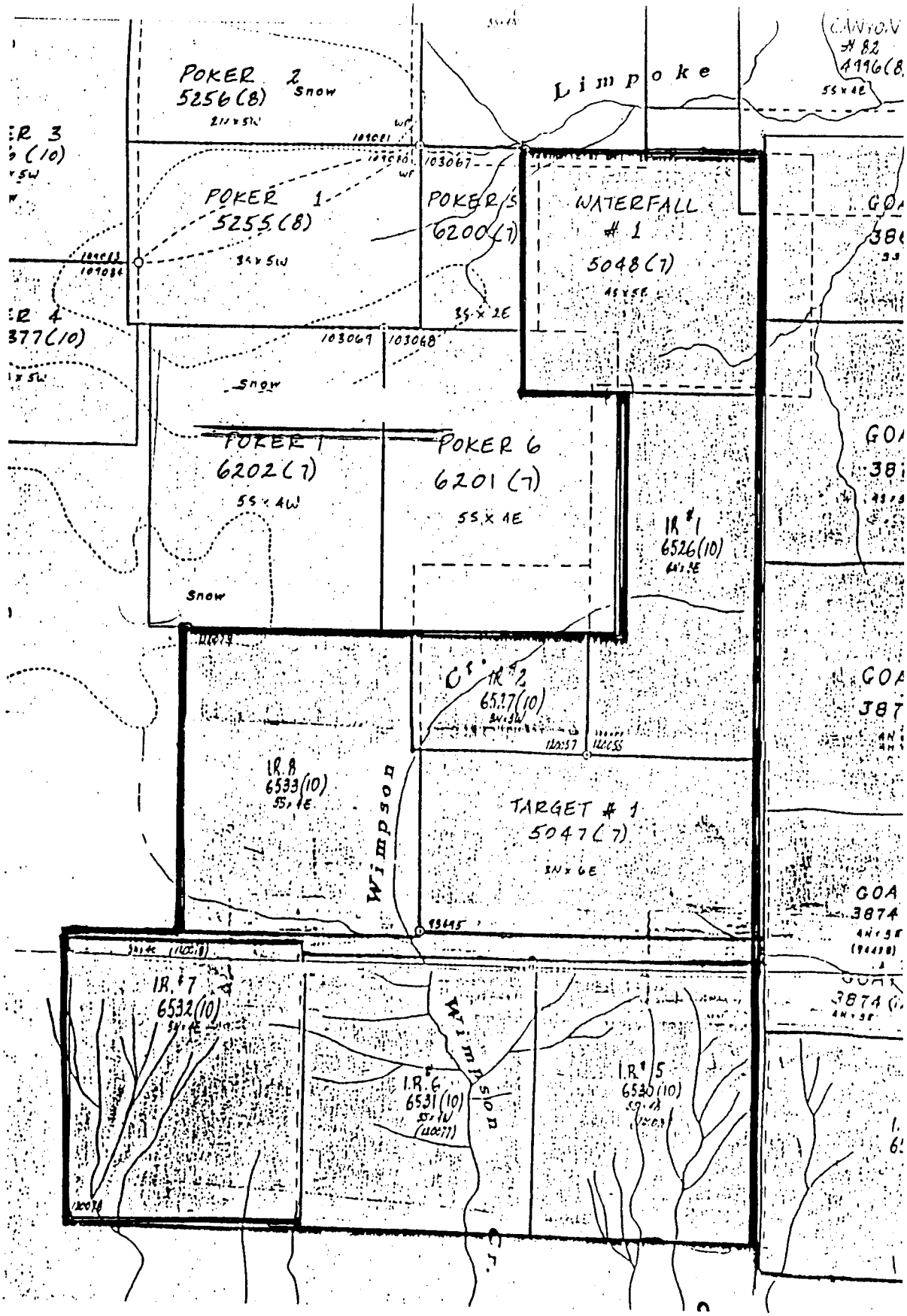
Figure 1

KEEWATIN ENGINEERING INC.



LOCATION MAP

Figure 2



104 G/13 W (M)

104 G/12 W

DRYDEN RESOURCE CORP.

0 2 Km.

SCALE 1:50,000

CLAIM MAP

FIG 3

Claim Name	Record No.	No. of Units	Date Recorded
Waterfall #1	5048	20	July 30, 1988
Target #1	5047	18	July 30, 1988
IR #1	6526	18	October 8, 1989
IR #2	6527	9	October 8, 1989
IR #5	6530	20	October 8, 1989
IR #6	6531	20	October 8, 1989
IR #7	6532	20	October 8, 1989
IR #8	6533	10	October 8, 1989

The claims are 100% owned by Integrated Resources Ltd.

Property History

Waterfall #1 Claim

The eastern part of the Waterfall #1 claim was examined by Kennco in the 1960's and was staked as the Limp #2 claim by Teck Explorations in 1980. A geochemical survey in 1981 found high but erratic values for copper, gold, molybdenum and silver in soils. The claim was restaked by Integrated Resources Ltd. in July, 1988. This was done to cover ground indicated as being anomalous in gold by a silt sample, taken during a government regional geochemical survey.

During 1989, Integrated carried out a $4,055 reconnaissance exploration program and collected 27 rocks and one silt sample. Quartz veining and stockworks with abundant disseminated pyrite, pyrrhotite, chalcopyrite and/or arsenic were found. Anomalous gold, silver and copper values were recorded, with a high of 9,670 ppb gold in one float sample.

After an option agreement was signed with Dryden Resource Corporation a $4,835 exploration program was carried out, and six rock, 27 soil and one silt sample were collected. Auriferous boulders were again found but the gossans sampled were not significantly gold bearing. The unlocated source was thought to be near the southern boundary of the claim.

Target #1 Claim

The claim was staked by Integrated Resources Ltd. in July, 1988 to cover ground indicated as being anomalous in gold by three silt samples following a government regional geochemical survey.

During 1989, Integrated carried out a $3,662 reconnaissance exploration program collecting 20 rock and 2 silt samples. Altered volcano-sedimentary exposures containing quartz and calcite stockworks and veining were found with abundant disseminated pyrite, pyrrhotite, bornite, chalcopyrite and/or arsenopyrite. One outcrop produced a sample which contained 1,790 ppb gold.

After the option agreement was signed with Dryden Resource Corporation, a $4,541 exploration program collected six rock, 11 soil and 2 silt samples (Pegg, 1990). One gossanous siltstone sample collected at outcrop assayed 1,280 ppb gold but exhibited no visible sulphide mineralization.

IR #1, 2, 5, 6, 7 and 8 Claims

No previous record of work for these claims was found. They were staked by Integrated Resources in October, 1989 to cover favourable ground adjoining the Target and Waterfall claims. The Waterfall, Target and IR claims appear to be located to the east of a large porphyry sulphide system. Visually the porphyry is identified as extensive surface iron oxidation of disseminated pyrite and pyrrhotite within hornfelsed rocks intruded by a granodiorite-diorite-syenite stock.

Work Completed in 1990

In May, 1990 Dryden Resource Corporation entered an option agreement with Integrated Resources Ltd. Pursuant to the terms of the agreement, Dryden Resource Corporation could earn a 50% interest in the Target #1, Waterfall #1 and IR #1, 2, 5, 6, 7 and 8 claims.

The field work was carried out in August and September, 1990 by Keewatin Engineering Inc., this included prospecting, rock, soil and silt sampling and geophysical (VLF) surveying.

A total of 112 rock, 674 soil, 45 silt and 6 heavy mineral concentrate samples were collected. VLF surveying was carried out over three soil contour lines.

The objective of this work was to investigate Upper Triassic Stuhini Group volcanics and sedimentary rocks lying to the west of a granodiorite-diorite-syenite stock. These altered rocks lying between the Poker claims (also optioned by Dryden Resource Corporation) and the Goat claims (Integrated Resources Ltd.) were considered favourable for ± gold ± silver quartz vein or bulk tonnage exploration targets.

Personnel involved in the work were N.C. Aspinall, D.M. Strain, A. Blain, A. Monid, M. Aspinall, A. Skey, H. Colwell and D. Jack. A total of 155 man days were worked and the total expenditure performed on the claims was $115,514.39.

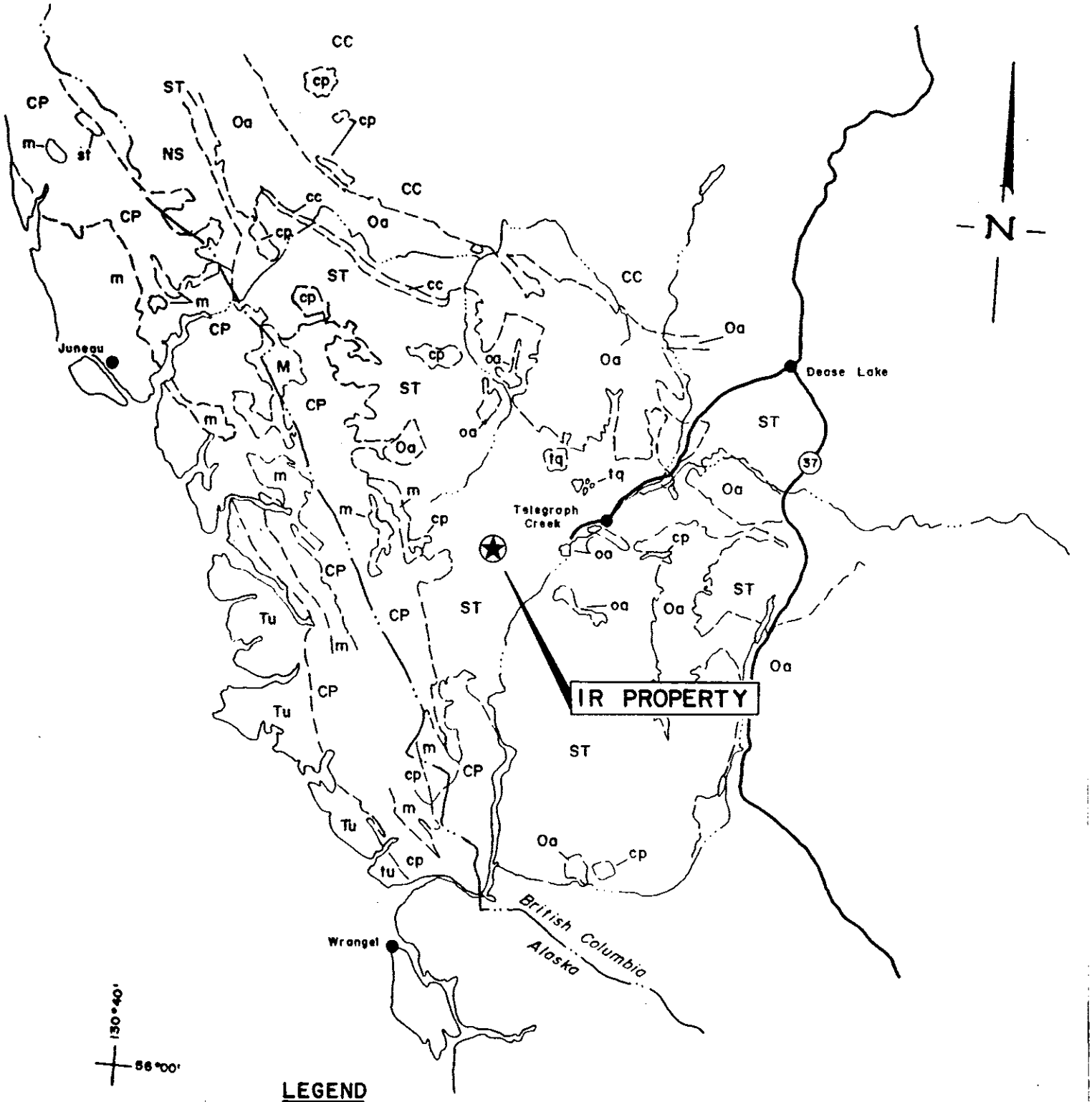
GEOLOGY

Regional Geology

The property lies on the western margin of the Intermontane Belt within the Stikinia Terrane near its contact with the Coast Plutonic Complex. Permian and older oceanic sediments are unconformably overlain by Upper Triassic Stuhini Group island arc volcanics and sediments (Figure 4). These rocks are intruded by Lower Cretaceous and younger syenitic, quartz diorite and granodiorite plutons of the Coast Plutonic Complex. Large scale northeast trending folds are the main regional structural features. Metamorphic grade is generally sub-greenschist.

Property Geology

The oldest rock assemblage lies in the southern portion of the claim block. These are Permian and older phyllites, schists and greenstones with minor chert, schistose tuff and limestone. They are overlain by Middle to Upper Permian thick-bedded bioclastic limestone with minor siltstone, chert and tuff. Overlying these rocks unconformably and occupying the northern part of the claim block are Upper Triassic Stuhini Group volcanics and sediments. Greywacke, siltstone, argillite and chert with minor limestone are the dominant sedimentary components. The volcanics comprise mainly porphyritic andesite flows and tuffs. Intrusives in the form of stocks and dykes are probably of two ages: Upper Triassic syenites and monzonites and Lower Cretaceous granodiorites and quartz diorites. A large stock mapped by others as a later granodiorite-diorite-syenite intrusive lies just to the east of the central part of the claim group, resulting in pervasive hornfelsing, pyritization, pyrrhotization and carbonate alteration, the latter being within selected fractures.



LEGEND

CP	Coast Plutonic Couplex
ST	Stikinia Terrane
CC	Cache Creek Terrane
T	Taku
NS	Nisling
Oa	Overlap Assemblage
M	Undivide Metamorphics

REGIONAL GEOLOGY

NORTHWEST BRITISH COLUMBIA

0 50 Km.

Figure 4

MINERALIZATION

The majority of the rock types are hornfelsed and contain disseminated pyrite and pyrrhotite from trace amounts up to 5%. This pyritization and pyrrhotization appears to increase in intensity towards the eastern boundary of the property. Similarly, dioritic feldspar porphyry and augite-hornblende porphyry dykes are more frequent in the eastern area of the property. Some iron-carbonatization of these rocks has also taken place.

Specifically, on the eastern edge of the Target #1 claim, small pods of massive pyrite and pyrrhotite were found along ridges of silicified, gossanous wackes, siltstones, minor limestones and propylitic altered andesites. There are some limonitic quartz-carbonate zones up to 3.1 metres wide. High gold values have been found in soil and silt samples but not yet in rocks. Other anomalous samples include copper, zinc and arsenic.

On the southern edge of the Waterfall #1 claim, two auriferous quartz sulphide boulders 100 metres apart, were found below a gossan developed on locally siliceous and jarositic sediments. Anomalous copper and zinc values have been found in rock, soil and silt samples.

On the eastern edge of the IR #5 claim an orange-brown coloured gossan was found to be developed on highly fractured iron-carbonatized siltstones that had been intruded by a felsic dyke. Up to 10% disseminated fine-grained pyrite and some minor quartz veining were observed, in addition, one soil sample contained anomalous zinc and silver values.

GEOCHEMISTRY

All samples were analyzed by Acme Analytical Laboratories in Vancouver following published procedures for 30 element ICP analyses plus geochemical wet extraction for gold. The results for 16 elements are tabulated in the appendices.

Rock Geochemistry

One hundred and twelve (112) rock samples were collected from the property and analyzed. Six elements were evaluated statistically (Appendix VI). From inspection of arithmetic and logarithmic histogram plots, the following threshold parameters were set:

Element	Anomalous Value
Copper	>1,000 ppm
Lead	>20 ppm
Zinc	>200 ppm
Silver	>310 ppm
Arsenic	>400 ppm
Gold	>1,000 ppb

Using these parameters, four rock samples were found to be anomalous in gold:

Sample No.	Geochem Analysis	Claim*
90 PZR 016	6,380 ppb Au	Waterfall #1 (S)
90 PIR 035	1,110 ppb Au	Waterfall #1 (S)
90 PIR 032	9,880 ppb Au	Waterfall #1 (S)
90 PGR 010	11,320 ppb Au	IR #1 (C)

* C = central portion
S = southern portion

Three of the samples are from the Waterfall #1(S) claim and are in the vicinity of high copper soil and silt values.

90 PZR-016 is a resample of 90T185R003 which assayed at 10.94 g/t gold (see Pegg, 1990), 90PIR-032 was collected 100 metres away. These are both float samples of granular quartz with up to 30% sulphides. The source of these float samples has not been found.

90PIR-035 is a chip sample of argillite stained with malachite, it also tested at 3.27% copper. Hand trenching of the same outcrop revealed altered black pyritic argillites adjacent to a pink syenitic dyke. Further sampling revealed no significant gold mineralization.

90PGR-010 is a float sample, possibly moved from off the Target #1 claim, it consists of silicified chloritic siltstone with stringers of pyrite showing traces of chalcopyrite.

A semi-massive sulphide pod, in outcrop on the Target #1 claim measured 2 m x 1 m and analyzed at 27 ppb gold, 1,224 ppm copper and over 30% iron. Sample 90T185TR-004 which geochem analyzed at 1,280 ppb gold (sampled by others, see Pegg, 1990) was located, resampled, and analysed (90TSR-002) at 430 ppb gold.

Soil Geochemistry

Six hundred & seventy four (674) soil samples were collected, whenever possible from the 'B' horizon, at depths of between 10 and 30 cm. In some locations it was only possible to collect talus fines from slope surfaces. Spacing of samples varied from 50 m to 25 m along contour lines.

After analysis, six elements were then statistically evaluated (Appendix Vi). From inspection of arithmetic and logarithmic histogram plots, the following threshold parameters were set.

Element	Anomalous Value
Copper	>700 ppm
Lead	>150 ppm
Zinc	>1,000 ppm
Silver	>2.0 ppm
Arsenic	>150 ppm
Gold	>300 ppb

Fifteen samples collected from Target #1(E) were found to be anomalous in gold, the peak value being 1,680 gold ppb. These samples are located in a possible shear zone adjacent to a contact between intrusive rocks and altered volcanic sedimentary rocks. Other high responses from soils are:

Sample No.	Geochem Analysis	Claim
90PGS-012	590 ppb Au	Waterfall #1 (SW)
90PJS-005	1,940 ppb Au	IR #2 (N)
90PJS-010	490 ppb Au	IR #2 (N)
90IRDS-093	2,040 ppb Au	IR #2 (N)
90PQQS-078	550 ppb Au	Waterfall #1 (C)

Other elements found to be anomalous are:

Sample No.	Geochem Analysis	Claim
90PDS-041 and four adjacent samples	2,191 ppm Cu	Waterfall #1 (C)
90IRDS-029 and one adjacent sample	1,006 ppm Cu	IR #1 (N)
90IRDS-195	1,124 ppm Zn 5.5 ppm Ag	IR #5 (NW)
90IRDS-117	1,343 ppm Zn 4.2 ppm Ag	IR #5 (E)
90TGS-004 and two adjacent samples	1,929 ppm Zn 7.8 ppm Ag	Target #1 (E)

Silt Geochemistry

Forty-five samples were collected from streams, the finest grained active sediment was selected whenever possible. After analysis of samples, six elements were then evaluated statistically (Appendix VI). From inspection of arithmetic and logarithmic histogram plots, the following threshold parameters were established:

Element	Anomalous Value
Copper	>720 ppm
Lead	>16 ppm
Zinc	>320 ppm
Silver	>1.2 ppm
Arsenic	>60 ppm
Gold	>100 ppb

Four silt samples were anomalous in gold; two came from the Target #1(E) claim, with values of 220 and 270 ppb. These samples are located in the same area as some of the anomalous soil samples.

Sample 90PGL-003 analyzed at 430 ppb gold and was located in a glacial stream in the IR #1(C) claim, however, this glacial stream does drain from the Target #1(E) claim. Sample 90-PCL-

004 assayed at 240 ppb gold is located to the west of the IR #8 claim, from a glacial stream, in open ground.

Other significant anomalous elements include:

Sample No.	ICP Analysis	Claim
90PDL-003	1,326 ppm Cu	IR #1 (N)
90IRSL-004 and one adjacent sample	383 ppm Zn	IR #8 (C)

Heavy Mineral Concentrate Samples

Six samples were concentrated in the field by panning from 4 litre size stream silt samples. Six samples are not enough for statistical analysis but 90PIH-008 analyzed at 1,992 ppb gold; this sample was from the IR #8 (SW) claim, a soil line above this sample revealed no significant values.

VLF SURVEYING

On three prospecting and soil sampling traverses VLF surveys were carried out using a Geonics EM-16 machine tuned to the Seattle transmitter at 24.8 kHz. Profiles are enclosed in Appendix V.

On line 90IRDS-052 to 089 (ref. Map 1), no significant results were obtained.

On line 90IRDS 022 to 032 and 041 to 051, a cross-over is obtained near sample 90IRDS-041.

On line 90RDS-129 to 156, which is in the central part of the IR #8 claim, cross-overs were obtained near 90IRDS-139 and 90IRD-150; they are not associated with any geochemical anomalies, their significance is not known.

CONCLUSIONS

There are two areas on the property which are anomalous in gold, as indicated by soil and rock analyses, however, prospecting suggests that the sources are probably isolated and of limited extent.

The first prospective area is located on the eastern side of the Target #1, measures 600 m x 400 m in area and lies across two ridges with steep slopes. Downslope dispersion and fanning of sample material - soils and talus fines, is evidently exaggerating the size of the source. A total of 15 soil samples were collected, and one peaked at 1,680 ppb gold; analyses of rock samples are lower, ranging up to 430 ppb gold. These samples may be associated with an intrusive contact zone.

The second area, located on the southern boundary of Waterfall #1, consists of two zones 800 metres apart. The first zone is indicated by two granular quartz sulphide float samples which analyzed 9,880 and 6,380 ppb gold. The second zone was traced to a malachite stained pyritic argillite, exposed in a 5 m x 2 m trench. The argillite is in contact with a syenite dyke; one grab sample analyzed at 1,110 ppb gold, 3.27% copper.

These high samples are believed to be associated with an isolated quartz sulphide vein, and a mineralized contact zone associated with a dyke.

RECOMMENDATIONS

It is recommended that further geochemical soil and rock sampling, reconnaissance geological mapping and prospecting be done over the prospective areas within the Target #1 and Waterfall #1 prospective areas, followed-up by trenching and sampling of identified mineralized zones.

Respectfully submitted,

KEEWATIN ENGINEERING INC.

N. Clive Aspinall, M.Sc., P.Eng.

Arthur Blain, B.Sc.(Hons.), ARSM

REFERENCES

Bell, T. (1989): 1989 Prospecting Report on the Waterfall #1 Claim for Integrated Resources Ltd.

Bell, T. (1989): 1989 Prospecting Report on the Target #1 Claim for Integrated Resources Ltd.

G.S.C. Map 9 - 1957.

G.S.C. Map 11 - 1971.

G.S.C. Paper 71-44.

Lehtinen, J. (1989): 1989 Geological and Geochemical Report on the Goat 1 to 11 Claims.

Pegg, R. (1990): Geological and Geochemical Report on the Waterfall Property.

Pegg, R. (1990): Geological and Geochemical Report on the Target Property.

Terrane Map of the Canadian Cordillera (Open File 1894).

STATEMENT OF QUALIFICATIONS

I, N. CLIVE ASPINALL, of 117 - 230 Haro Street, in the City of Vancouver, in the Province of British Columbia, do hereby certify that:

1. I am a Consulting Geologist with the firm of Keewatin Engineering Inc. with offices at #800 - 900 West Hastings Street, Vancouver, B.C. V6C 1E5.

2. I am a graduate of McGill University with a Bachelor of Science degree in 1964 and a Master of Science degree from Cambourne School of Mines in 1987, in Mining Geology and I have practised my profession for 26 years.

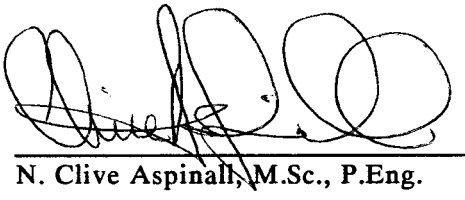
3. I am a member in good standing of the Association of Professional Engineers of British Columbia and a Fellow of the Geological Association of Canada.

4. I am a co-author of the report entitled "Assessment Report on Prospecting, Geochemical Sampling and Geophysical Surveying of the Target #1, Waterfall #1 and IR Claims, Liard Mining Division, B.C.", dated December 04, 1990.

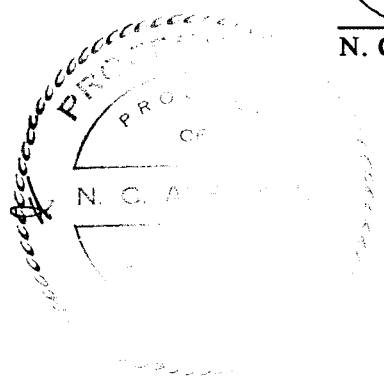
5. I do not own, or expect to receive any interest (direct, indirect or contingent) in the property described herein, nor in the securities of **Dryden Resource Corporation**, in respect of services rendered in the preparation of this report.

Dated at Vancouver, British Columbia this 4th day of December, 1990.

Respectfully submitted,



N. Clive Aspinall, M.Sc., P.Eng.



STATEMENT OF QUALIFICATIONS

I, ARTHUR BLAIN, of #805-955 Marine Drive, in the Municipality of West Vancouver, in the Province of British Columbia do hereby certify that:

1. I am a Consulting Geologist with the firm of Keewatin Engineering Inc., with offices at #800 - 900 West Hastings Street, Vancouver, B.C. V6C 1E5.

2. I am a graduate from the Royal School of Mines, London, with a B.Sc. (Honours) A.R.S.M. degree (Mining Geology) in 1982. I have practised my profession continuously since then.

3. I am co-author of the report entitled "Assessment Report on Prospecting, Geochemical Sampling and Geophysical Surveying of the Target #1, Waterfall #1 and IR Claims, Liard Mining Division, B.C.", dated December 4, 1990.

4. I do not own or expect to receive any interest (direct, indirect or contingent) in the property described herein, nor in the securities of **Dryden Resource Corporation**, in respect of services rendered in the preparation of this report.

Dated at Vancouver, British Columbia this 4th day of December, 1990.

Respectfully submitted,

A. Blain

Arthur Blain, B.Sc.

STATEMENT OF QUALIFICATIONS

I, DAVID M. STRAIN, of P.O. Box 214, Atlin, British Columbia, do hereby certify that:

1. I am a Consulting Geologist with the firm of Keewatin Engineering Inc. with offices at #800 - 900 West Hastings Street, Vancouver, B.C. V6C 1E5.

2. I am a graduate of Cambrian College of Applied Arts and Technology with a diploma in Geological Engineering Technology. I attended the University of British Columbia enrolled in Geological Sciences from 1980 to 1983.

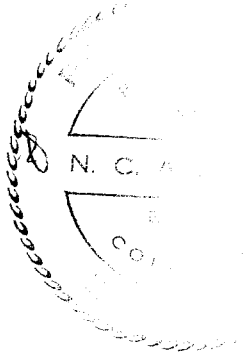
3. I am a co-author of the report entitled "Assessment Report on Prospecting, Geochemical Sampling and Geophysical Surveying of the Target #1, Waterfall #1 and IR Claims, Liard Mining Division, B.C.", dated December 4th 1990.

5. I do not own, or expect to receive any interest (direct, indirect or contingent) in the property described herein, nor in the securities of **Dryden Resource Corporation**, in respect of services rendered in the preparation of this report.

Dated at Vancouver, British Columbia this 4th day of December, 1990.

Respectfully submitted,

David M. Strain



APPENDIX I

Statement of Expenditures

STATEMENT OF EXPENDITURES

I.R. 1, 2, 5, 6, 7, 8, Target #1 and Waterfall #1
Assessment Work from August to September 2, 1990

Pre-Field

Auto-Cad time, drafting			$ 1,000.00

Field Program

Personnel - Salaries

R. Nichols, Project Supervisor	5.50 days @ $425.00/day	$ 2,337.50	
C. Aspinall, Project Geologist	5.00 days @ $425.00/day	2,125.00	
A. Skey, Field Assistant	26.50 days @ $175.00/day	4,637.50	
D. Strain, Geologist	27.00 days @ $300.00/day	8,100.00	
M. Aspinall, Field Assistant	25.50 days @ $160.00/day	4,080.00	
A. Blain, Geologist	20.50 days @ $350.00/day	7,175.00	
A. Monid, Field Assistant	21.00 days @ $310.00/day	6,510.00	
C. Goodwin, Cook	28.00 days @ $225.00/day	6,300.00	
M. Mees, Word Processing	3.00 hrs. @ $ 30.00/hr.	90.00	
T. Lee, Draftsperson	29.50 hrs. @ $ 30.00/hr.	885.00	
			$ 42,240.00

Camp and Equipment Rentals

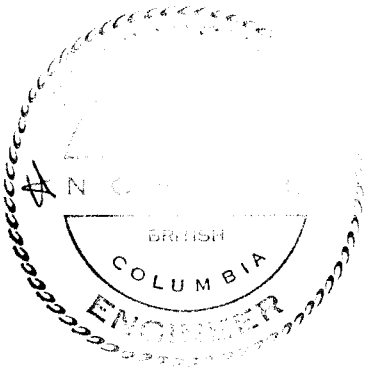
Camp Rental	155.00 days @ $ 60.00/day	$ 9,300.00	
Field Equipment Rental	155.00 days @ $ 15.00/day	2,325.00	
Computer Rental	11.50 hrs. @ $ 10.00/hr.	115.00	
Radio Rental		239.53	
Truck Rental		3,829.10	
			15,808.63

Third Party Costs

Accommodation and Travel		$ 7,633.25	
Delivery		1,048.76	
Disposable Supplies		10.30	
Expediting		1,926.78	
Fixed Wing		2,488.25	
Helicopter	42.53 hours @ $688.94/hr +10%	32,230.60	
Maps and Drafting Supplies		426.79	
Mobilization Costs		745.06	
Sample Analysis (112 rocks, 674 soils, 45 silts, 6 heavy mineral)		4,945.53	
Telephone		10.84	
			51,466.16

Post-Field

Report Writing, drafting, etc.		6,000.00
TOTAL EXPENDITURES:		**$115,514.79**



APPENDIX II

Summary of Personnel

SUMMARY OF PERSONNEL

Clive Aspinall	-	Consulting Geologist
David M. Strain	-	Exploration Geologist
Arthur Blain	-	Exploration Geologist
Douglas Jack	-	Prospector/Field Assistant
Andre Monid	-	Field Assistant
Matthew Aspinall	-	Field Assistant
Allistiar Skey	-	Field Assistant
Harold Colwell	-	Prospector
Carrol Goodwin	-	Cook

APPENDIX III

Analytical Data

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90 PDS 008	4	488	19	102	0.7	29	27	1293	6.69	12	2	2.22	0.02	0.13	1	24
90 PDS 009	4	230	20	152	0.1	21	21	1822	6.62	13	2	2.03	0.01	0.11	1	11
90 PDS 010	4	226	18	116	0.2	16	14	1207	5.89	2	2	2.4	0.01	0.07	1	28
90 PDS 011	4	203	20	145	0.1	20	24	1913	6.81	11	2	1.95	0.01	0.09	1	13
90 PDS 012	5	167	17	105	0.2	15	15	1513	5.92	3	2	1.75	0.01	0.07	1	18
90 PDS 013	3	337	15	93	0.4	19	16	1029	5.74	22	2	2.41	0.01	0.05	1	26
90 PDS 014	6	406	12	98	0.2	192	28	1081	5.52	11	2	2.86	0.01	0.52	1	29
90 PDS 015	5	481	16	94	0.2	94	24	1092	5.82	12	2	2.6	0.01	0.34	1	30
90 PDS 016	5	228	11	114	0.5	59	17	1131	6.24	5	2	2.48	0.01	0.11	1	14
90 PDS 017	8	116	11	79	0.2	40	11	1070	5	8	2	2.01	0.01	0.12	1	14
90 PDS 018	5	117	9	78	0.2	81	11	676	4.6	7	2	2.36	0.01	0.09	1	13
90 PDS 019	8	142	9	95	0.1	64	18	924	8.01	4	2	2.58	0.01	0.1	1	35
90 PDS 020	5	101	10	119	0.4	69	15	1046	6.47	4	2	1.91	0.01	0.08	1	10
90 PDS 021	8	187	14	95	0.3	15	17	1233	8.65	17	2	2.18	0.01	0.03	1	40
90 PDS 022	5	143	12	72	0.3	18	11	691	6.48	10	2	3.46	0.01	0.04	1	32
90 PDS 023	10	111	11	65	0.3	17	10	666	7.99	17	2	2.61	0.01	0.03	1	23
90 PDS 024	8	118	8	58	0.6	17	9	626	6.94	7	2	2.47	0.01	0.06	1	14
90 PDS 025	8	106	11	43	0.3	14	8	375	4.56	8	2	1.9	0.01	0.03	2	25
90 PDS 026	9	124	11	86	0.1	20	10	495	7.13	6	2	3.02	0.01	0.06	1	18
90 PDS 027	5	388	5	92	0.2	57	20	995	5.86	2	2	2.6	0.01	0.13	1	24
90 PDS 028	10	278	9	68	0.2	38	13	1023	5.42	3	2	2.09	0.01	0.19	1	22
90 PDS 029	11	105	10	48	0.1	14	7	712	4.46	2	2	1.74	0.01	0.05	1	11
90 PDS 030	9	281	9	61	0.1	58	10	549	5.06	2	2	1.85	0.02	0.18	1	22
90 PDS 031	9	304	12	75	0.3	76	18	886	5.44	3	2	2.1	0.01	0.33	1	60
90 PDS 032	5	295	42	157	0.2	26	16	1141	5.72	17	4	2.64	0.03	0.09	1	18
90 PDS 033	6	164	55	143	0.3	17	15	1660	6.01	11	3	1.92	0.02	0.06	1	10
90 PDS 034	8	240	107	328	0.5	22	26	2695	6.77	21	5	3.22	0.03	0.09	1	39
90 PDS 035	7	342	107	374	1.4	26	34	2917	6.54	25	4	3.41	0.02	0.1	1	86
90 PDS 036	5	339	59	266	0.3	33	29	2412	5.99	25	4	3.14	0.03	0.12	1	54
90 PDS 037	4	497	48	368	0.5	69	29	2079	6.8	9	4	3.33	0.04	0.13	1	12
90 PDS 038	7	546	33	135	0.4	34	46	2303	9.09	17	4	3.17	0.03	0.16	1	30
90 PDS 039	7	779	22	87	0.3	30	50	1889	10.02	13	2	2.58	0.05	0.27	1	23
90 PDS 040	2	468	22	166	0.4	40	31	2069	7.01	10	3	3.2	0.05	0.19	1	24
90 PDS 041	46	2191	1022	228	3.2	22	57	3662	10.3	6	2	1.85	0.01	0.1	1	32
90 PDS 042	11	953	52	144	0.2	41	47	3709	8.43	7	2	2.15	0.02	0.35	1	18
90 PDS 043	20	1712	85	138	0.5	49	39	4013	9.52	21	2	1.9	0.01	0.18	2	33
90 PDS 044	1	309	15	57	0.1	46	31	2961	6.78	4	2	2.38	0.02	0.63	1	11
90 PDS 045	3	84	22	77	0.1	70	27	1653	6.43	2	4	2.77	0.02	1.2	1	5
90 PDS 046	1	127	82	162	0.2	52	31	2566	6.93	4	2	3.37	0.07	1.05	1	14
90 PDS 047	8	496	14	131	0.4	17	17	873	4.64	2	4	1.57	0.03	0.69	1	19
90 PDS 048	3	568	38	129	0.4	49	32	2100	7.05	65	3	2.84	0.02	0.09	1	10
90 PDS 049	6	484	26	202	0.1	60	51	1594	8.93	6	4	3.88	0.02	0.61	9	11
90 PDS 050	99	942	42	96	0.1	88	57	2899	9.34	6	2	2.19	0.01	0.07	1	30
90 PDS 051	21	374	187	477	0.5	20	31	2861	7.09	2	3	2.96	0.03	0.27	1	15
90 PDS 052	13	540	23	131	0.4	29	34	1545	9.29	9	2	3.05	0.03	0.39	1	87
90 PDS 053	8	355	14	86	0.2	21	19	1106	6.56	8	3	2.16	0.02	0.28	1	14
90 PDS 054	5	215	26	87	0.3	35	11	800	6.13	3	2	1.68	0.03	0.67	1	20
90 PDS 055	8	450	5	83	0.3	22	27	1074	7.59	7	2	1.75	0.02	0.46	1	56
90 PGS 000	1	497	22	170	0.2	31	58	2051	8.45	69	3	4.16	0.06	0.21	1	18
90 PGS 001	3	118	12	63	0.8	12	12	582	5.02	20	4	2.22	0.02	0.06	1	10
90 PGS 002	5	127	17	109	0.2	16	11	832	5.34	20	3	3.22	0.02	0.07	1	6

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90 PGS 003	4	110	12	139	0.1	16	16	1314	6.62	16	4	2.92	0.01	0.06	1	10
90 PGS 004	5	185	15	96	0.2	19	19	1146	5.32	23	4	2.74	0.02	0.08	1	48
90 PGS 005	5	110	13	116	0.2	17	13	1133	5.31	11	4	1.67	0.02	0.08	1	11
90 PGS 006	5	130	16	161	0.1	19	19	1546	5.92	21	4	1.8	0.03	0.09	1	9
90 PGS 007	5	155	17	136	0.2	20	19	1297	5.5	9	3	1.84	0.02	0.11	1	11
90 PGS 008	6	338	17	135	0.2	24	32	1611	6.33	34	3	1.74	0.03	0.17	1	32
90 PGS 009	6	297	20	131	0.1	28	22	1453	5.93	12	3	2.37	0.02	0.13	1	21
90 PGS 010	6	253	20	130	0.1	26	23	1565	6.73	15	3	2.51	0.02	0.12	1	12
90 PGS 011	8	135	16	121	0.1	16	13	1186	6.31	6	2	3.07	0.01	0.06	1	22
90 PGS 012	16	480	40	303	0.1	39	50	4218	8.69	30	2	2.97	0.02	0.11	1	590
90 PGS 013	10	136	31	132	0.3	17	17	1436	7.02	4	2	1.68	0.02	0.09	1	14
90 PGS 014	7	283	35	126	0.4	18	25	1905	6.87	24	2	2.68	0.02	0.11	1	64
90 PGS 015	6	217	19	123	0.4	18	19	1433	5.67	6	2	2.41	0.02	0.11	1	15
90 PGS 016	7	219	19	109	0.3	22	17	1289	5.42	21	3	1.83	0.02	0.11	1	17
90 PGS 017	7	327	20	126	0.2	32	23	1517	6.79	15	2	1.71	0.02	0.15	1	38
90 PGS 018	13	459	31	163	0.3	38	32	1906	8.03	12	2	1.94	0.03	0.26	1	42
90 PGS 019	9	329	22	122	0.3	27	23	1591	6.67	4	2	2.13	0.02	0.14	1	16
90 PGS 035	6	94	11	158	0.3	24	20	1188	5.04	23	2	1.78	0.02	0.07	1	5
90 PGS 036	6	197	12	302	0.5	45	27	1550	6.12	38	3	2.31	0.05	0.09	1	15
90 PGS 037	7	159	15	266	0.4	39	26	1674	5.66	48	3	1.89	0.04	0.08	1	8
90 PGS 038	5	259	13	194	0.4	44	24	1193	6.2	34	6	2.03	0.03	0.08	1	18
90 PGS 039	9	172	13	211	0.7	41	25	1326	5.4	25	2	2.25	0.02	0.06	1	11
90 PGS 040	7	224	22	249	0.6	47	31	1809	5.51	30	2	2.8	0.02	0.08	1	19
90 PGS 041	5	259	18	196	0.3	46	30	1199	6.21	47	2	4.23	0.01	0.06	1	28
90 PGS 042	5	250	12	172	0.3	45	26	930	5.78	30	2	3.95	0.02	0.05	1	11
90 PGS 043	11	288	6	126	0.2	24	26	1017	5.86	15	2	2.43	0.02	0.09	3	23
90 PGS 044	8	332	11	105	0.2	23	29	1052	6.06	71	2	2.17	0.02	0.07	4	35
90 PGS 045	6	233	6	100	0.2	27	15	524	4.13	20	2	1.94	0.02	0.14	1	100
90 PGS 046	11	259	5	99	0.2	27	17	615	4.64	16	2	2.17	0.02	0.09	1	16
90 PGS 047	8	258	6	95	0.2	26	22	1003	5.09	12	2	1.94	0.01	0.2	1	24
90 PGS 048	5	320	10	146	0.2	31	25	1058	5.06	15	3	2.13	0.02	0.11	1	12
90 PGS 049	4	257	11	90	0.4	25	16	623	4.31	10	4	1.64	0.02	0.12	1	25
90 PGS 050	12	237	8	95	0.3	19	10	474	4.07	14	2	1.57	0.02	0.11	1	10
90 PGS 051	19	298	7	72	0.1	28	11	434	5.08	19	2	2.39	0.02	0.04	1	10
90 PGS 052	6	374	12	104	0.3	36	14	568	4.17	17	2	2.03	0.02	0.1	1	7
90 PGS 053	9	96	9	95	0.2	48	24	763	5.91	11	2	4.17	0.03	0.04	1	3
90 PGS 054	12	233	5	133	0.4	48	20	566	4.8	24	2	2.81	0.04	0.08	1	39
90 PGS 055	11	148	15	58	0.6	13	5	259	3.34	10	2	2.48	0.01	0.03	1	7
90 PGS 056	10	285	16	103	0.3	23	18	800	4.93	15	2	3.99	0.01	0.04	1	15
90 PGS 057	1	257	9	91	0.2	49	29	560	4.86	10	2	2.94	0.05	0.08	1	20
90 PGS 058	4	214	7	63	0.3	29	14	299	4.78	11	3	4.66	0.02	0.04	1	11
90 PGS 059	3	98	10	55	0.4	16	7	238	5.03	13	2	5.27	0.01	0.03	1	25
90 PGS 060	5	99	14	148	0.1	21	18	731	5.48	12	2	3.83	0.02	0.06	1	10
90 PGS 061	3	160	13	111	0.3	31	18	599	4.67	23	2	3.6	0.03	0.06	1	22
90 PGS 062	3	225	13	178	0.4	37	22	631	5.75	39	3	3.29	0.04	0.06	1	27
90 PGS 063	4	113	16	62	0.4	15	6	255	3.28	12	3	2.83	0.02	0.04	2	29
90 PGS 064	1	183	8	103	0.3	32	21	590	4.21	13	3	3.37	0.05	0.06	1	75
90 PGS 065	1	181	11	83	0.4	30	22	586	4.58	14	2	3.25	0.04	0.08	1	34
90 PGS 066	3	142	13	87	0.9	19	8	316	3.67	10	2	3.6	0.02	0.04	1	9
90 PGS 067	2	164	11	103	0.3	29	21	673	4.81	34	3	2.97	0.04	0.05	1	26
90 PGS 068	4	81	15	65	0.3	15	8	300	6.04	20	2	2.84	0.01	0.04	1	17

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90 PGS 069	5	62	14	102	0.3	16	13	804	5.27	20	2	1.81	0.02	0.05	1	20
90 PGS 070	4	114	13	81	0.7	15	14	1060	4.24	11	2	2.86	0.02	0.06	1	34
90 PGS 071	1	114	14	129	0.2	18	19	669	6.35	30	2	3.39	0.09	0.13	1	11
90 PGS 073	1	131	11	174	0.2	16	27	1013	5.79	10	2	3.09	0.14	0.47	1	9
90 PGS 075	5	89	14	86	0.3	16	19	695	3.55	29	5	1.92	0.06	0.11	2	6
90 PGS 076	2	115	20	130	0.3	24	16	590	4.18	17	6	2.15	0.04	0.11	1	10
90 PGS 077	3	81	17	121	0.3	18	28	1906	4.35	24	3	2.17	0.05	0.09	1	10
90 PGS 078	7	258	16	103	0.3	27	37	1169	4.62	82	4	3.14	0.07	0.07	1	31
90 PGS 079	4	76	13	35	0.2	9	4	129	5.36	25	2	4.86	0.01	0.03	1	15
90 PJS 000	1	206	13	117	0.1	21	31	1574	5.03	24	2	2.6	0.09	0.29	1	17
90 PJS 001	1	235	12	113	0.2	32	31	1015	5.54	32	4	4.12	0.07	0.29	1	27
90 PJS 002	1	255	15	122	0.5	31	28	866	4.84	17	2	4.44	0.07	0.23	1	29
90 PJS 003	2	106	11	113	0.2	20	22	1427	4.71	29	2	2.63	0.05	0.23	1	11
90 PJS 004	1	180	11	93	0.3	30	26	667	4.33	22	3	2.7	0.06	0.1	1	36
90 PJS 005	4	185	13	124	0.4	32	21	745	4.96	52	4	1.98	0.05	0.12	1	1940
90 PJS 006	3	227	13	143	0.6	38	26	862	5.55	32	2	2.56	0.09	0.14	1	228
90 PJS 007	1	241	21	160	0.2	36	34	1054	5.66	22	2	3.3	0.1	0.17	1	45
90 PJS 008	1	255	16	154	0.2	37	34	959	5.64	19	2	3.24	0.1	0.15	1	37
90 PJS 009	1	296	34	207	0.3	38	38	1067	6.46	16	2	3.54	0.09	0.13	1	65
90 PJS 010	1	194	11	104	0.2	34	24	678	4.71	23	2	2.89	0.05	0.13	1	490
90 PJS 011	1	247	71	286	0.3	34	31	987	6.31	22	2	2.68	0.08	0.15	1	99
90 PJS 012	1	333	15	176	0.4	45	41	1120	7.2	30	2	3.26	0.11	0.41	1	61
90 PJS 013	1	291	12	158	0.3	40	38	1020	6.39	23	3	2.84	0.1	0.41	1	92
90 PJS 014	1	174	9	95	0.3	30	25	688	4.03	26	2	2.7	0.04	0.09	1	36
90 PJS 015	2	200	14	166	0.3	43	30	1000	6.86	34	2	2.17	0.07	0.3	1	32
90 PJS 016	3	193	17	166	0.2	39	35	1243	7.22	35	3	2.54	0.06	0.19	1	21
90 PJS 017	2	219	13	155	0.4	43	31	1046	6.86	37	4	2.09	0.08	0.2	1	103
90 PJS 018	7	224	15	288	0.9	63	25	1013	6.76	29	2	1.95	0.08	0.11	1	17
90 PZS 001	5	219	8	102	0.1	32	15	831	5.21	7	2	2.36	0.02	0.91	1	14
90 PCS-024	6	402	9	94	0.7	80	24	1124	6.21	2	6	1.97	0.02	0.52	1	38
90 PCS-025	9	363	4	89	0.4	29	14	1409	5.72	3	6	1.69	0.01	0.13	1	14
90 PCS-026	11	276	17	85	0.9	30	26	854	7.63	12	6	1.36	0.02	0.19	2	32
90 PCS-027	11	283	14	93	0.8	32	28	947	7.79	12	6	1.45	0.02	0.2	1	18
90 PCS-028	14	216	10	241	0.9	60	27	964	7.22	33	9	1.65	0.02	0.05	1	13
90 PCS-029	10	245	8	137	0.9	36	31	755	7.71	19	7	1.61	0.01	0.05	1	22
90 PCS-030	2	107	2	77	0.8	15	9	466	5.21	2	5	2.38	0.01	0.12	1	7
90 PCS-031	10	153	13	72	0.6	26	10	365	5.26	12	6	1.73	0.01	0.08	2	18
90 PCS-032	6	351	4	128	0.8	56	28	1073	5.95	8	5	1.91	0.01	0.33	1	13
90 PCS-033	13	430	4	82	1.3	23	24	1018	7.56	11	4	1.76	0.01	0.09	1	52
90 PCS-034	8	200	14	97	0.6	34	25	1042	5.85	8	5	2.36	0.01	0.04	1	18
90 PCS-035	10	169	6	95	0.7	30	17	694	6.14	11	5	2.86	0.01	0.06	1	22
90 PCS-036	22	205	3	107	0.6	54	20	973	6.6	11	6	2.9	0.01	0.05	1	18
90 PCS-037	9	274	18	146	0.9	55	33	1027	7.12	17	8	1.97	0.01	0.06	1	36
90 PGS-103	5	199	18	113	0.7	31	30	3286	5.1	7	5	1.73	0.02	0.27	1	10
90 PGS-104	6	282	17	93	0.6	97	21	1259	5.28	2	6	2.42	0.02	0.36	1	16
90 PGS-105	7	233	14	88	0.5	67	15	964	4.84	4	7	2.37	0.02	0.16	1	11
90 PGS-106	3	388	35	112	0.7	45	26	1551	6.64	9	7	2.34	0.03	0.44	1	29
90 PGS-107	4	428	19	106	0.7	53	22	1331	6.22	9	7	2.28	0.02	0.33	1	23
90 PGS-108	3	411	17	102	0.6	45	20	1155	5.72	7	6	2.55	0.03	0.18	1	21
90 PGS-109	7	308	8	94	0.8	160	24	1005	6.13	5	5	2.98	0.01	0.27	1	19
90 PGS-110	6	141	5	81	0.7	31	9	563	4.85	2	4	1.86	0.01	0.07	1	19

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90 PGS-111	6	389	3	123	0.7	39	22	1083	5.39	4	4	2.04	0.02	0.19	1	16
90 PGS-112	7	296	4	113	0.6	49	24	1338	5.96	2	3	1.63	0.02	0.19	1	20
90 PGS-113	4	292	8	109	0.6	29	15	878	6.68	7	2	2.86	0.01	0.07	1	14
90 PGS-114	4	161	5	81	0.8	20	14	766	6.52	3	3	2.91	0.01	0.05	1	10
90 PGS-115	5	183	2	100	0.5	23	15	907	6.27	7	3	2.79	0.01	0.04	1	13
90 PGS-116	6	148	2	87	0.5	22	15	950	6.22	5	17	3.04	0.01	0.05	1	9
90 PGS-117	7	127	2	97	0.6	20	13	717	6.49	6	4	2.42	0.01	0.05	1	34
90 PGS-118	11	321	2	150	0.5	23	13	507	5.28	2	5	1.88	0.02	0.12	1	17
90 PGS-119	6	174	2	93	0.5	21	12	669	5.65	5	4	2.49	0.01	0.06	1	14
90 PGS-120	33	144	4	78	0.7	13	13	538	4.48	7	3	1.71	0.01	0.04	3	72
90 PQQS-013	4	192	8	201	1	45	21	656	4.62	21	5	1.46	0.05	0.06	1	5
90 PQQS-014	5	213	4	247	1.1	55	24	751	5.27	23	4	1.55	0.05	0.06	1	12
90 PQQS-015	5	211	7	216	0.9	50	24	776	5.15	23	6	1.66	0.06	0.07	1	16
90 PQQS-016	3	183	6	155	0.8	38	21	718	4.54	16	4	1.48	0.05	0.07	1	9
90 PQQS-017	4	180	3	211	0.9	47	20	675	4.65	18	6	1.54	0.06	0.08	1	11
90 PQQS-018	1	135	2	63	0.5	16	15	516	3.46	9	4	1.13	0.04	0.08	3	23
90 PQQS-019	1	118	8	60	0.5	16	14	521	3.19	7	4	1.12	0.04	0.08	3	22
90 PQQS-020	2	176	2	92	0.6	24	20	614	4.17	13	4	1.5	0.04	0.08	1	7
90 PQQS-021	19	211	10	308	0.7	48	32	1376	6.78	32	4	2.1	0.01	0.06	1	11
90 PQQS-022	13	191	5	396	2.1	79	22	1006	5.4	22	4	2.09	0.04	0.09	1	19
90 PQQS-023	19	179	4	384	1.5	78	25	1194	5.88	30	4	2.08	0.03	0.11	1	7
90 PQQS-024	25	159	9	423	1.5	90	29	1352	6.3	30	7	2.41	0.02	0.07	1	17
90 PQQS-025	17	110	2	271	0.9	51	27	1440	5.71	24	6	2.59	0.01	0.07	1	7
90 PQQS-026	26	223	4	469	1.7	122	29	1315	6.43	37	6	2.15	0.03	0.09	1	11
90 PQQS-027	14	104	10	184	0.9	40	16	1005	4.88	12	2	2.12	0.01	0.04	1	10
90 PQQS-028	5	73	13	76	0.5	16	16	976	2.71	2	2	1.12	0.01	0.04	4	6
90 PQQS-029	26	104	25	305	1	49	26	1941	5.13	31	2	1.59	0.01	0.05	1	5
90 PQQS-030	8	188	13	271	0.9	56	33	1845	5.31	21	5	1.97	0.03	0.08	1	14
90 PQQS-031	3	126	6	167	0.6	33	29	1819	4.26	10	17	2.01	0.04	0.07	1	7
90 PQQS-032	6	96	16	169	0.6	30	35	2574	4.61	16	5	2.1	0.02	0.06	1	8
90 PQQS-033	12	179	8	303	1.6	64	29	1266	6.23	25	2	2.11	0.01	0.07	1	10
90 PQQS-034	4	66	10	149	0.8	25	19	1341	4.94	4	3	2.73	0.01	0.08	1	7
90 PQQS-035	8	119	13	178	0.6	38	26	1595	4.02	12	2	1.35	0.01	0.09	2	7
90 PQQS-036	11	145	14	229	0.7	52	29	1720	5.13	19	13	1.68	0.02	0.12	1	8
90 PQQS-037	10	137	21	210	0.6	52	34	2901	5.8	22	2	2.2	0.01	0.09	1	6
90 PQQS-038	7	267	2	279	0.8	56	35	1589	6.59	11	2	3.06	0.03	0.4	1	26
90 PQQS-039	4	110	8	290	0.4	32	31	2116	5.45	6	2	2.75	0.02	0.35	1	1
90 PQQS-040	3	142	2	216	0.4	31	27	1443	5.17	11	3	2.8	0.02	0.34	1	4
90 PQQS-041	6	153	8	248	0.8	44	26	1294	5.35	8	2	3.4	0.02	0.2	1	5
90 PQQS-042	5	166	10	219	0.5	38	33	1395	6.11	3	2	3.02	0.03	0.46	1	4
90 PQQS-043	4	110	10	235	0.4	25	34	1759	5.31	3	2	2.62	0.02	0.39	1	5
90 PQQS-044	6	123	13	191	0.4	30	35	1654	5.95	5	2	2.79	0.02	0.43	1	2
90 PQQS-045	2	92	2	168	0.3	19	30	1773	4.26	2	2	2.1	0.02	0.42	2	4
90 PQQS-046	2	167	2	200	0.4	27	28	1333	5.16	6	2	3.44	0.02	0.19	1	4
90 PQQS-047	1	298	2	203	0.8	46	38	1418	6.18	5	2	2.96	0.03	0.23	1	8
90 PQQS-048	1	201	3	170	0.5	30	32	1648	4.84	4	2	2.61	0.04	0.19	1	4
90 PQQS-049	1	265	2	172	0.6	38	32	1162	6	11	2	3.02	0.04	0.18	1	8
90 PQQS-050	6	292	15	297	1.3	60	35	1247	6.91	41	2	2.66	0.05	0.22	1	14
90 PQQS-051	17	273	19	501	1.7	102	36	1503	6.96	39	2	2.05	0.03	0.09	1	31
90 PQQS-052	8	181	15	186	0.7	39	20	712	4.46	7	2	1.49	0.04	0.12	2	14
90 PQQS-053	7	198	10	179	0.9	37	22	715	4.62	10	2	1.48	0.04	0.12	1	11

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90 PQQS-054	6	188	11	158	0.7	33	20	685	4.42	9	2	1.4	0.03	0.12	3	15
90 PQQS-055	7	240	18	308	0.9	56	24	864	5.62	18	2	1.73	0.04	0.11	1	74
90 PQQS-056	20	218	14	556	1.6	99	23	1070	5.85	50	2	1.4	0.02	0.07	1	9
90 PQQS-057	1	267	2	84	0.5	27	22	967	5.88	3	2	2.52	0.02	0.33	1	11
90 PQQS-058	1	292	2	88	0.6	31	22	888	6.98	4	2	3.17	0.02	0.38	1	19
90 PQQS-059	3	219	3	81	0.7	20	10	457	4.57	5	2	2.83	0.01	0.09	1	37
90 PQQS-060	6	182	19	73	0.5	18	8	509	4.02	2	2	2.06	0.01	0.11	10	8
90 PQQS-061	4	195	19	102	0.4	38	22	1255	5.53	10	2	2.77	0.02	0.23	1	14
90 PQQS-062	3	194	13	90	0.5	25	21	1191	5.44	2	2	2.7	0.02	0.18	1	7
90 PQQS-063	5	231	29	90	0.2	26	20	1603	5.12	3	2	2.45	0.03	0.16	1	10
90 PQQS-064	4	197	17	106	0.2	34	23	1051	5.4	8	3	3.31	0.02	0.15	1	8
90 PQQS-065	4	123	21	75	0.1	20	15	1507	5.2	5	2	2.01	0.03	0.12	1	1
90 PQQS-066	6	255	23	118	0.1	14	15	1660	5.69	9	2	2.26	0.02	0.07	1	10
90 PQQS-067	4	323	23	88	0.2	22	16	1063	5.52	8	2	1.99	0.02	0.17	1	17
90 PQQS-068	4	173	20	88	0.1	18	14	1492	4.94	6	2	1.99	0.01	0.06	2	9
90 PQQS-069	4	275	17	110	0.2	19	15	1071	5.18	6	2	2.67	0.01	0.06	1	10
90 PQQS-070	11	629	34	125	0.6	18	29	2132	8.39	7	2	2.27	0.03	0.19	2	16
90 PQQS-071	4	345	38	69	0.3	37	33	1549	7.07	3	2	1.93	0.06	0.53	2	10
90 PQQS-072	5	782	28	387	0.7	19	24	3022	6.7	6	2	1.86	0.03	0.18	1	37
90 PQQS-073	6	884	17	253	0.7	15	19	2515	6.27	6	2	2.12	0.03	0.24	2	29
90 PQQS-074	4	299	20	124	0.2	20	21	1584	5.71	5	2	1.71	0.02	0.12	1	15
90 PQQS-075	5	186	37	117	0.1	18	23	2746	5.88	5	2	1.51	0.02	0.13	1	8
90 PQQS-076	5	145	47	105	0.1	17	18	2795	5.48	6	2	1.51	0.02	0.11	1	4
90 PQQS-077	3	865	44	146	0.4	40	37	1744	6.69	8	2	2.53	0.03	0.32	1	42
90 PQQS-078	9	432	32	107	0.4	34	34	2648	7.82	11	2	1.98	0.03	0.25	1	550
90 PQQS-079	4	325	29	90	0.4	32	30	1430	6.39	7	2	2.21	0.03	0.21	1	8
90 PQQS-080	5	435	70	131	1.4	42	49	1393	7.22	5	2	2.07	0.05	0.31	1	48
90 PQQS-081	5	287	44	111	0.9	37	36	1267	7.39	9	2	2.16	0.05	0.2	1	19
90 PQQS-082	4	433	32	144	0.3	21	17	951	4.97	7	3	2.27	0.02	0.07	1	15
90 PQQS-083	5	207	20	101	0.1	14	18	1620	5.23	4	2	1.6	0.01	0.06	1	11
90 PQQS-084	7	334	23	190	0.2	23	20	1718	6.16	4	2	1.99	0.02	0.17	1	10
90 PQQS-085	11	196	15	181	0.1	22	20	2638	5.72	6	2	1.7	0.02	0.13	1	17
90 PQQS-086	4	271	22	150	0.4	23	32	3086	6.12	4	2	2.01	0.03	0.19	1	27
90 PQQS-087	7	411	22	148	0.5	123	23	1837	6.48	7	2	2.34	0.03	0.27	1	24
90 PQQS-088	6	174	14	117	0.1	33	15	1514	5.69	2	2	1.99	0.01	0.1	1	9
90 PQQS-089	6	142	9	137	0.1	44	21	1768	6.26	3	3	1.92	0.02	0.23	1	12
90 PQQS-090	5	185	12	115	0.1	42	16	950	5.54	5	2	2.52	0.02	0.1	1	18
90 PQQS-091	8	125	14	100	0.1	24	10	773	5.04	4	2	2.48	0.02	0.08	1	16
90 PQQS-092	7	182	6	120	0.1	58	24	1117	5.91	6	2	3.19	0.02	0.06	1	8
90 PQQS-093	5	144	16	65	0.2	19	6	286	5.01	4	2	2.55	0.02	0.09	1	8
90 PQQS-094	8	150	9	121	0.1	19	16	902	5.93	6	2	2.95	0.02	0.07	1	12
90 PQQS-095	4	226	11	91	0.2	25	12	459	5.33	6	2	3.46	0.02	0.09	1	9
90 PQQS-096	6	291	7	85	0.3	19	11	604	5.82	7	2	2.75	0.02	0.15	1	8
90 PQQS-097	9	310	14	91	0.2	39	15	815	5.92	3	2	2.45	0.02	0.23	2	18
901RDS-1	5	39	2	124	0.1	41	16	1449	5.13	7	2	4.83	0.08	0.06	1	3
901RDS-2	5	32	8	102	0.2	40	9	320	2.47	12	3	1.55	0.05	0.08	1	2
901RDS-3	3	100	15	143	0.1	26	20	1474	5.17	13	2	2.13	0.01	0.14	1	4
901RDS-4	3	99	17	127	0.1	27	21	1602	4.42	8	2	2.31	0.01	0.12	1	8
901RDS-5	4	91	11	118	0.2	31	18	1119	4.5	12	2	2.4	0.01	0.09	1	3
901RDS-6	3	84	15	151	0.2	31	17	1300	4.6	16	3	1.77	0.01	0.11	1	10
901RDS-7	3	112	13	172	0.2	34	27	2070	6.86	16	2	1.75	0.01	0.07	1	32

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
901RDS-8	2	111	8	151	0.2	35	22	1330	5.04	10	2	2.48	0.01	0.07	1	7
901RDS-9	1	248	16	164	0.1	29	40	2584	7.76	10	2	3.18	0.01	0.1	1	12
901RDS-10	3	52	19	123	0.1	23	22	2569	4.51	6	2	1.49	0.01	0.07	1	4
901RDS-11	2	109	15	165	0.1	28	27	2559	6.51	11	2	2.65	0.01	0.07	1	7
901RDS-12	2	75	19	151	0.1	21	24	3247	6.01	12	2	1.64	0.01	0.09	1	5
901RDS-13	4	46	11	136	0.1	30	16	1542	5.21	8	2	1.8	0.01	0.05	1	5
901RDS-14	3	31	14	120	0.2	26	9	813	3.63	7	2	1.33	0.01	0.04	1	7
901RDS-15	8	37	7	120	0.1	46	11	525	3.91	14	2	1.09	0.01	0.06	1	5
901RDS-16	2	244	5	152	0.1	31	37	2664	7.26	14	2	3.07	0.01	0.06	1	23
901RDS-17	2	202	17	154	0.1	50	36	2259	6.75	12	2	3.11	0.01	0.07	1	12
901RDS-18	3	89	17	185	0.5	49	30	1837	6.83	13	2	2.59	0.02	0.09	1	5
901RDS-19	3	178	5	151	0.1	38	32	2093	6.71	12	2	2.96	0.02	0.07	1	9
901RDS-20	2	79	12	156	0.2	28	26	2931	6.82	44	2	1.06	0.01	0.05	1	13
901RDS-21	2	199	21	149	0.1	45	33	2221	6.73	10	2	3.16	0.01	0.06	1	14
901RDS-22	7	387	13	103	0.7	21	22	1327	7.23	3	2	2.3	0.01	0.1	1	83
901RDS-23	1	476	6	141	0.3	61	46	2675	7.26	2	2	2.33	0.02	0.34	1	11
901RDS-24	8	748	6	98	0.8	26	29	1623	8.38	10	2	1.52	0.02	0.2	1	34
901RDS-25	6	666	3	105	0.8	36	36	1202	7.97	10	2	1.84	0.02	0.23	1	33
901RDS-26	11	687	14	134	0.5	48	62	1570	9.82	15	2	2.27	0.03	0.23	1	39
901RDS-27	12	825	34	236	1	50	72	1761	9.26	26	3	2.18	0.02	0.17	1	52
901RDS-28	6	1006	17	334	0.6	52	115	2507	14.51	23	2	2.8	0.01	0.05	1	26
901RDS-29	14	632	15	132	0.8	64	62	2070	10.8	24	2	2.26	0.02	0.07	1	16
901RDS-30	10	294	17	211	0.3	44	39	2110	9.12	21	3	2.71	0.02	0.1	1	25
901RDS-31	12	271	15	213	0.5	57	36	1660	8.75	38	2	2.19	0.02	0.1	1	45
901RDS-32	20	187	225	2389	0.7	33	27	2049	8.85	135	2	1.84	0.01	0.05	3	23
901RDS-33	12	220	40	361	0.8	68	40	2514	7.71	34	2	1.78	0.01	0.09	1	15
901RDS-34	23	368	9	144	0.3	53	30	853	13.68	16	3	1.96	0.05	0.07	1	40
901RDS-35	15	372	17	229	0.5	69	51	1863	11.95	28	3	2.74	0.06	0.11	2	270
901RDS-36	1	236	3	78	0.4	45	37	999	7.87	20	2	2.04	0.19	0.03	1	15
901RDS-37	12	447	9	119	0.6	135	76	2055	11.45	16	2	2	0.04	0.09	1	50
901RDS-38	5	270	17	140	0.6	27	27	1527	9.23	15	2	2.34	0.03	0.15	1	38
901RDS-39	6	354	6	61	0.7	29	48	1368	8.68	11	2	1.98	0.03	0.31	1	30
901RDS-40	1	279	4	77	0.4	13	25	918	6.5	12	2	2.44	0.02	1.15	1	15
901RDS-41	6	171	25	251	1.1	39	27	1383	6.5	33	2	3.33	0.02	0.08	1	54
901RDS-42	6	191	20	270	0.9	48	23	1076	6.48	50	2	2.54	0.02	0.07	1	30
901RDS-43	7	207	21	292	0.8	52	27	1142	6.54	60	2	2.51	0.02	0.06	2	60
901RDS-44	11	209	15	214	0.5	35	19	927	7.12	29	3	2.77	0.01	0.05	2	48
901RDS-45	8	248	11	242	0.7	47	25	1049	6.46	27	2	3.07	0.02	0.09	2	29
901RDS-46	7	278	11	174	0.7	52	30	1306	6.58	33	2	2.1	0.02	0.09	3	28
901RDS-47	6	313	10	128	0.5	32	22	855	5.41	8	2	2.72	0.03	0.13	9	35
901RDS-48	14	264	8	106	0.6	31	21	673	4.54	14	2	1.79	0.03	0.15	17	30
901RDS-49	57	757	9	77	0.6	34	27	788	6.82	26	2	2.51	0.02	0.13	118	20
901RDS-50	20	420	9	76	0.5	29	15	537	6.51	18	2	2.47	0.02	0.16	7	23
901RDS-51	12	227	2	19	0.4	6	3	104	16.85	5	2	2.34	0.04	0.04	4	21
901RDS-52	7	250	8	115	0.7	32	28	981	6.76	12	2	3.19	0.03	0.3	1	19
901RDS-53	9	189	14	138	0.4	18	39	1885	6.79	12	2	2.27	0.02	0.15	1	16
901RDS-54	10	200	9	100	0.5	18	21	1106	6.04	4	2	2.09	0.02	0.06	1	7
901RDS-55	1	364	16	78	0.7	3	9	617	2.43	10	2	2.88	0.02	0.12	1	59
901RDS-56	2	318	12	67	0.6	8	11	664	2.64	2	2	2.7	0.02	0.14	1	33
901RDS-57	2	281	8	76	0.7	19	17	581	4.99	7	2	2.13	0.01	0.11	1	21
901RDS-58	2	278	9	76	0.4	18	16	547	4.91	7	2	2.92	0.01	0.08	1	20

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
901RDS-59	5	243	7	72	0.5	20	10	400	4.05	12	2	2.76	0.02	0.08	1	77
901RDS-60	5	271	12	97	0.3	28	11	559	5.8	15	2	3	0.01	0.06	1	12
901RDS-61	5	292	8	90	0.6	28	16	746	5.11	14	2	3.63	0.02	0.05	1	14
901RDS-62	3	267	9	112	0.5	21	14	681	4.9	15	2	3.81	0.02	0.03	1	8
901RDS-63	3	207	8	103	0.5	19	13	736	4.59	11	2	3.08	0.01	0.04	1	3
901RDS-64	3	167	10	104	0.5	16	13	987	4.91	10	2	3.05	0.02	0.04	1	10
901RDS-65	3	228	10	118	0.4	20	18	1061	4.63	18	2	3.53	0.02	0.05	1	22
901RDS-66	2	239	10	89	0.4	18	13	562	4.48	12	2	2.62	0.01	0.05	1	15
901RDS-67	5	364	18	121	0.9	27	17	1025	4.98	22	2	3.74	0.01	0.07	1	9
901RDS-68	4	262	5	90	0.5	17	18	975	5.34	10	2	2.61	0.01	0.07	1	11
901RDS-69	4	274	6	73	0.6	16	13	728	5.07	8	2	2.51	0.01	0.06	1	12
901RDS-70	7	212	3	65	0.6	18	12	492	5.64	2	2	2.06	0.01	0.12	1	3
901RDS-71	9	351	14	122	0.6	19	12	754	4.67	7	2	3.09	0.01	0.05	2	20
901RDS-72	5	278	17	225	0.8	18	18	1462	4.85	13	2	3.86	0.01	0.06	1	13
901RDS-73	6	315	15	127	0.3	23	22	1117	5.62	4	2	3.03	0.01	0.09	2	21
901RDS-74	3	255	2	138	0.2	31	22	882	5.2	2	2	2.31	0.01	0.33	1	11
901RDS-75	6	429	3	174	0.4	48	43	1320	6.07	11	2	2.88	0.01	0.38	2	84
901RDS-76	5	245	6	235	0.4	42	55	1631	6.2	8	2	2.87	0.02	0.15	1	56
901RDS-77	7	189	10	127	0.6	29	32	1678	5.41	2	2	2.35	0.02	0.25	1	62
901RDS-78	3	230	2	93	0.3	47	26	520	5.15	3	2	3.16	0.03	0.19	2	24
901RDS-79	9	307	10	152	0.4	34	33	1101	6.01	2	2	3.25	0.03	0.44	3	33
901RDS-80	7	299	2	131	0.4	43	30	975	5.84	13	2	2.39	0.01	0.29	1	26
901RDS-81	5	206	5	106	0.3	19	17	1356	5.05	9	2	2.09	0.02	0.08	1	16
901RDS-82	2	488	5	173	0.7	32	37	1251	5.53	7	2	2.76	0.01	0.17	1	23
901RDS-83	5	574	3	155	0.5	38	28	1033	5.74	9	3	3.14	0.02	0.09	2	21
901RDS-84	3	336	2	139	0.5	45	32	1105	5.75	3	2	3.36	0.02	0.12	2	32
901RDS-85	4	391	8	198	0.7	54	50	1290	6.61	16	2	3.34	0.02	0.18	1	18
901RDS-86	5	175	9	175	0.3	31	31	1421	5.56	8	2	2.95	0.02	0.06	1	10
901RDS-87	2	205	5	176	0.2	39	37	1479	6.15	13	2	4.17	0.02	0.05	2	63
901RDS-88	2	209	4	128	0.2	34	35	1031	5.98	2	3	4.88	0.01	0.08	2	13
901RDS-89	3	201	4	142	0.2	31	29	1201	6.18	8	2	3.47	0.02	0.09	1	46
901RDS-90	2	203	6	120	0.2	35	24	723	4.88	6	3	3.21	0.05	0.14	1	29
901RDS-91	2	161	13	130	0.4	25	30	1075	4.01	5	5	2.74	0.03	0.08	2	21
901RDS-92	2	212	10	174	0.2	32	31	970	5.53	16	2	3.32	0.06	0.14	1	21
901RDS-93	3	120	2	75	0.7	17	16	439	3.85	41	6	2.05	0.08	0.09	2	2040
901RDS-94	3	151	2	120	0.3	19	13	550	4.3	18	4	2.51	0.04	0.12	3	56
901RDS-95	2	156	7	112	0.1	24	22	789	4.74	7	2	3.55	0.04	0.18	2	29
901RDS-96	3	207	2	120	0.2	23	23	795	4.7	7	3	3.13	0.05	0.24	1	11
901RDS-97	2	153	2	59	0.2	16	8	233	4.72	2	2	4.19	0.03	0.07	2	13
901RDS-98	2	91	4	37	0.4	11	7	207	4.53	2	2	1.89	0.02	0.08	1	11
901RDS-99	3	225	17	200	0.3	33	40	1130	5.95	27	2	3.75	0.09	0.14	3	43
901RDS-100	2	181	4	85	0.5	20	17	437	3.95	4	3	1.89	0.04	0.06	1	11
901RDS-101	1	265	33	210	0.5	35	38	1016	5.92	18	2	3.29	0.07	0.17	2	45
901RDS-102	1	236	110	251	0.4	33	39	1141	6.06	59	3	2.71	0.06	0.09	4	26
901RDS-103	1	315	5	166	0.4	40	40	1064	6.16	10	2	2.79	0.1	0.31	2	57
901RDS-104	1	336	10	181	0.5	42	45	1276	6.89	13	2	3.31	0.12	0.3	3	37
901RDS-105	1	191	7	129	0.3	28	31	895	5.38	13	2	2.92	0.12	0.2	2	87
90TDS-001	16	218	13	296	1.9	91	44	1903	8.79	26	3	3.16	0.02	0.07	1	28
90TDS-002	66	293	22	422	1.5	203	44	1618	9.91	47	4	2.06	0.02	0.09	1	22
90TDS-003	3	135	6	99	0.7	33	25	939	4.31	151	2	3.76	0.05	0.11	2	330
90TDS-004	1	273	229	574	2.5	35	46	1661	7.15	566	2	3.61	0.03	0.1	1	300

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Aut
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90TDS-005	1	188	3	149	0.2	38	36	1576	6.04	268	2	3.49	0.02	0.06	1	130
90TDS-006	1	431	2	107	0.5	42	79	1760	8.63	703	4	3.01	0.03	0.11	1	750
90TDS-007	1	128	6	106	0.1	40	37	1461	5.95	94	2	2.94	0.01	0.06	1	290
90TDS-008	1	240	7	119	0.1	47	46	2103	8.41	199	2	3.55	0.08	0.07	1	77
90TDS-009	2	396	2	81	0.8	50	44	1521	7.16	271	2	6.4	0.11	0.11	1	330
90TDS-010	2	345	2	132	0.8	46	62	1475	6.93	165	2	4.69	0.1	0.1	1	400
90TDS-011	2	408	2	131	0.7	65	59	2423	9.18	338	5	4.32	0.06	0.09	1	360
90TDS-012	12	418	2	134	0.5	78	38	1081	8.34	771	3	2.89	0.02	0.09	1	360
90TDS-013	6	289	6	143	0.7	66	35	840	5.94	134	3	3.25	0.02	0.1	1	1080
90TDS-014	22	255	9	169	0.9	56	38	1146	6.87	452	2	3.29	0.03	0.09	2	840
90TDS-015	9	239	7	252	1.3	93	31	1133	5.56	705	2	2.78	0.03	0.08	1	1680
90TDS-016	9	171	2	520	1.3	107	27	793	4.65	70	2	2.83	0.02	0.08	1	260
90TDS-017	4	133	19	242	1.1	50	17	638	3.68	73	2	2.09	0.02	0.05	1	590
90TDS-018	5	160	2	26	0.3	15	14	235	5.35	55	2	3.1	0.03	0.11	1	150
90-1RSS-001	8	243	5	74	0.1	28	21	870	6.67	8	2	2.1	0.03	0.17	1	36
90IQQS-063	2	169	11	208	1.1	54	25	812	5.18	16	6	5.82	0.01	0.11	1	10
90IQQS-064	1	166	12	222	1.2	43	31	1305	6.2	20	5	4.76	0.02	0.08	1	5
90IQQS-065	2	176	15	209	0.7	42	33	1488	8.36	65	4	3.87	0.02	0.08	1	25
90IQQS-066	2	157	2	182	0.6	40	33	1336	6.31	32	6	4.8	0.02	0.09	1	10
90IQQS-067	1	178	6	245	1.3	61	27	973	6.43	23	6	6.47	0.02	0.13	1	9
90IQQS-068	2	179	4	203	0.6	47	33	1204	7.51	42	7	4.81	0.02	0.09	1	19
90IQQS-069	3	267	7	274	1.1	67	42	1411	9.02	37	5	3.75	0.03	0.08	1	12
90IQQS-070	2	259	7	254	1	69	40	1539	8.21	53	4	4.38	0.02	0.09	1	22
90IQQS-071	2	239	4	275	1.1	70	38	1438	8.46	97	7	3.56	0.02	0.12	1	23
90IQQS-072	3	271	8	317	1.2	79	43	1616	8.86	35	10	4.51	0.02	0.09	1	11
90IQQS-073	4	211	11	195	0.6	48	45	1041	5.98	39	6	6.22	0.01	0.1	1	6
90IQQS-074	2	174	6	219	1.1	51	39	1497	7.8	64	4	5.37	0.02	0.11	1	20
90IQQS-075	2	115	5	180	0.4	31	29	1628	5.5	24	6	3.63	0.02	0.11	1	6
90IQQS-076	3	71	8	141	0.2	22	31	2828	3.95	14	3	2.55	0.01	0.08	2	4
90IQQS-077	1	162	3	170	0.7	34	35	1522	7.1	18	9	5.18	0.02	0.11	2	7
90IQQS-078	2	172	6	185	1	37	32	1437	6.76	11	6	4.69	0.02	0.1	1	6
90IQQS-080	3	40	5	155	0.4	26	12	1606	3.34	10	5	1.14	0.01	0.04	1	1
90IQQS-081	2	50	7	234	0.1	29	11	2182	3.59	13	2	1.26	0.01	0.03	1	2
90IQQS-082	3	47	9	150	0.1	28	13	1665	3.91	13	2	1.37	0.01	0.05	1	3
90IQQS-083	4	35	9	173	0.1	24	12	1710	4.34	16	2	2.03	0.01	0.04	2	2
90IQQS-084	3	26	6	123	0.1	25	9	878	3.94	15	2	1.82	0.01	0.03	1	4
90IQQS-085	4	45	5	159	0.1	35	19	1441	4.99	24	2	2.15	0.01	0.04	1	4
90IQQS-086	1	51	3	105	0.1	12	12	1143	3.34	7	5	1.31	0.01	0.07	1	3
90IQQS-087	1	79	4	120	0.1	15	19	1574	4.9	13	2	1.64	0.02	0.09	1	1
90IQQS-088	2	68	15	157	0.2	17	25	5623	4.47	12	2	1.37	0.01	0.08	2	5
90IQQS-089	1	82	7	147	0.2	17	22	3343	4.25	14	2	1.3	0.01	0.08	2	2
90IQQS-090	2	66	17	164	0.1	17	24	3660	4.11	14	5	1.41	0.01	0.07	2	3
90IQQS-091	1	32	2	120	0.2	14	9	1224	2.59	6	2	1.02	0.02	0.07	1	1
90IQQS-092	3	36	13	125	0.3	15	16	3839	2.94	10	3	0.88	0.01	0.08	2	1
90IQQS-093	1	40	10	102	0.2	11	10	1266	2.83	6	2	0.88	0.01	0.06	3	5
90IQQS-094	3	44	20	153	0.2	13	18	3530	2.86	2	2	0.98	0.01	0.1	4	2
90IQQS-095	1	37	2	158	0.1	14	8	1655	2.12	3	9	0.81	0.02	0.08	1	1
90IQQS-096	5	34	12	134	0.1	20	15	3810	3.29	10	2	0.93	0.01	0.05	1	1
90IQQS-097	4	25	7	150	0.1	25	9	882	5.34	18	7	1.66	0.01	0.05	1	2
90IQQS-098	3	28	7	132	0.1	39	12	613	6.62	22	3	3.33	0.01	0.04	1	1
90IQQS-099	4	29	11	134	0.1	36	12	683	5.88	32	2	2.4	0.01	0.05	1	2

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90IQQS-100	4	21	18	129	0.2	29	10	857	6.32	3	2	1.9	0.01	0.04	1	10
90IQQS-101	4	14	8	162	0.1	34	12	919	6.84	12	2	2.33	0.01	0.04	1	10
90IQQS-102	4	22	8	106	0.1	29	11	1022	6.03	12	2	1.84	0.01	0.04	1	6
90IQQS-103	4	30	9	127	0.1	44	13	906	5.99	15	2	2.25	0.01	0.04	1	10
90IQQS-104	3	28	9	175	0.1	41	18	1204	6.16	13	2	2.19	0.01	0.06	1	7
90IQQS-105	4	25	21	188	0.1	45	22	1505	6.79	19	2	2.89	0.01	0.06	1	8
90IQQS-106	4	28	15	130	0.1	33	12	1023	6.31	21	2	2.31	0.01	0.04	1	12
90IQQS-107	4	29	12	134	0.1	34	12	1035	5.37	15	2	2.1	0.01	0.04	1	7
90IQQS-108	4	40	10	166	0.2	45	17	1596	5.12	16	2	2	0.02	0.06	1	6
90IQQS-109	4	27	7	142	0.1	36	11	902	5.05	12	2	1.99	0.01	0.04	1	2
90IQQS-110	7	45	10	159	0.1	52	17	1219	6.82	9	2	1.33	0.01	0.03	1	1
90IQQS-111	4	33	4	158	0.1	39	14	853	5.26	9	2	1.73	0.01	0.06	1	1
90IQQS-112	50	137	48	516	2	199	55	4257	6.01	40	2	1.82	0.02	0.08	1	8
90IQQS-113	12	172	72	381	1.3	225	67	4120	7.69	13	2	1.77	0.03	0.09	1	4
90IQQS-114	6	110	62	243	0.8	124	50	3125	7.41	6	2	2.53	0.01	0.04	1	1
90IQQS-115	7	93	41	182	0.4	80	20	1666	5.69	9	2	1.62	0.01	0.04	1	1
90IQQS-116	2	39	23	106	0.2	35	16	1966	3.49	2	2	1.2	0.01	0.04	1	1
90IQQS-117	5	119	51	271	0.4	143	41	4206	6.79	11	2	1.98	0.02	0.06	1	6
90IQQS-118	7	40	28	92	0.5	41	13	773	3.1	9	2	0.85	0.01	0.04	1	4
90IQQS-119	4	53	19	204	0.2	24	14	2407	1.82	3	3	0.69	0.01	0.08	1	3
90IQQS-120	5	122	57	226	0.2	55	34	4290	5.07	10	2	1.97	0.01	0.06	1	1
90IQQS-121	14	147	35	222	0.2	76	28	1850	6.44	14	2	2.44	0.02	0.06	1	2
90IQQS-122	30	169	47	275	0.6	108	34	1720	8.54	24	2	2.32	0.03	0.07	1	3
90IQQS-123	30	162	40	281	0.6	107	34	1661	8.27	23	2	2.13	0.03	0.06	1	5
90IQQS-124	32	187	37	281	0.7	112	37	2096	8.51	28	2	2.35	0.03	0.06	1	6
90IQQS-125	24	186	51	270	0.4	94	36	2172	8.19	22	2	2.36	0.02	0.07	1	4
90IQQS-126	8	71	36	121	0.1	28	19	2262	4.38	8	2	1.59	0.01	0.04	1	6
90IQQS-127	13	171	46	227	0.2	105	35	2727	7.14	14	2	1.93	0.02	0.07	1	6
90IQQS-128	12	246	73	247	0.5	137	47	4697	7.93	13	2	2.24	0.02	0.06	1	14
90IQQS-129	15	184	48	246	0.4	140	43	2863	8.4	19	2	2	0.02	0.06	1	10
90IQQS-130	5	187	46	224	0.2	90	35	4030	6.07	9	2	1.71	0.01	0.06	1	8
90IQQS-131	8	147	50	199	0.2	94	33	2198	7.81	11	2	2.12	0.02	0.05	1	5
90IQQS-132	6	237	44	184	0.2	68	29	2650	6.84	16	2	2.15	0.02	0.06	1	10
90IQQS-133	3	278	21	157	0.2	32	27	1745	6.89	5	2	2.79	0.02	0.07	1	18
90IQQS-134	3	312	25	185	0.5	34	30	1807	7.23	10	2	2.71	0.03	0.1	1	11
90IQQS-135	3	317	21	156	0.3	28	24	1687	6.87	12	2	2.49	0.02	0.08	1	14
90IQQS-136	6	256	35	190	0.6	44	28	2607	7.11	10	2	2.5	0.02	0.07	1	12
90IQQS-137	8	204	42	226	0.4	53	29	1263	6.52	16	4	2.83	0.01	0.07	1	3
90IQQS-138	3	208	56	205	0.3	26	32	2192	6.84	7	2	3.25	0.01	0.07	1	1
90IQQS-139	5	101	20	199	0.3	35	32	3101	5.41	11	2	1.99	0.01	0.12	1	1
90IQQS-140	6	79	29	135	0.4	54	30	4514	5.45	6	3	1.91	0.01	0.07	1	1
90IQQS-141	4	69	37	152	0.5	39	29	3994	5.66	6	2	1.93	0.01	0.06	1	5
90IRDS-106	6	179	8	217	1	53	36	1461	7.51	34	4	3.98	0.04	0.07	2	9
90IRDS-107	4	280	13	254	2.3	64	40	1766	9.4	22	14	3.7	0.03	0.1	1	2
90IRDS-108	65	154	11	641	1.7	137	30	963	6.06	43	5	1.69	0.01	0.16	1	1
90IRDS-109	17	153	16	400	1.1	76	25	595	7.44	41	4	2.05	0.02	0.14	1	22
90IRDS-110	11	180	15	459	1.3	95	31	997	8.35	51	8	1.72	0.01	0.08	1	1
90IRDS-111	30	231	18	679	2.2	155	50	971	9.03	113	9	0.91	0.01	0.11	1	4
90IRDS-112	22	189	12	515	0.7	104	39	821	7.83	58	6	1.79	0.02	0.08	1	17
90IRDS-113	34	221	21	752	1.9	174	41	1161	8.84	51	6	1.54	0.02	0.13	1	51
90IRDS-114	13	110	15	240	0.8	48	18	936	5.26	46	7	1.05	0.01	0.19	1	1

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90IRDS-115	31	189	12	696	1.4	116	42	1409	8.1	58	11	1.29	0.02	0.1	1	8
90IRDS-116	34	153	9	495	0.4	83	37	924	7.07	66	6	1.82	0.01	0.1	1	10
90IRDS-117	129	841	21	1343	4.2	216	25	2562	8.59	68	7	1.26	0.01	0.12	1	7
90IRDS-118	110	224	15	841	1.8	119	31	1785	8.17	85	6	1.34	0.02	0.2	1	6
90IRDS-119	117	301	19	812	8.9	113	27	1701	6.76	100	8	1.53	0.02	0.17	1	5
90IRDS-120	44	183	13	565	1.1	104	32	910	7.4	60	11	1.79	0.02	0.11	1	5
90IRDS-121	36	328	17	701	1.6	111	77	1662	8.48	43	8	1.26	0.01	0.08	1	14
90IRDS-122	10	205	9	304	1.1	61	34	1347	8.02	34	6	3.88	0.04	0.09	1	1
90IRDS-123	14	241	19	383	1.3	93	39	1388	8.13	44	4	3.46	0.03	0.11	1	8
90IRDS-124	12	210	8	317	1	65	39	1444	8.32	37	15	4.3	0.03	0.1	1	1
90IRDS-125	21	137	10	268	0.9	56	31	1166	7.43	24	5	2.59	0.02	0.13	1	1
90IRDS-126	17	197	22	459	3.1	105	32	1167	7.24	39	13	2.26	0.01	0.12	1	1
90IRDS-127	21	221	15	523	4.9	126	33	1151	6.35	32	2	1.81	0.01	0.11	1	7
90IRDS-128	28	159	15	492	2.2	100	33	1287	6.35	30	8	1.94	0.01	0.13	1	5
90IRDS-129	7	188	2	284	0.8	60	25	1143	6.29	26	5	3.59	0.13	0.33	1	160
90IRDS-130	7	116	6	243	0.9	42	18	1041	5.33	21	2	4.27	0.06	0.15	1	1
90IRDS-131	8	97	2	270	0.4	42	13	962	5.94	14	2	3	0.02	0.14	1	8
90IRDS-132	11	129	2	344	1.1	54	12	587	4.97	31	3	5.63	0.03	0.12	1	5
90IRDS-133	7	127	6	245	0.8	45	18	1089	5.15	15	2	3.34	0.04	0.15	1	1
90IRDS-134	8	100	7	239	0.4	40	17	1377	5.95	16	3	3.29	0.03	0.3	1	1
90IRDS-135	19	158	8	321	0.6	79	24	1250	5.28	27	2	3.41	0.06	0.26	1	7
90IRDS-136	14	132	10	260	0.6	63	18	910	4.97	24	2	3.71	0.04	0.14	2	2
90IRDS-137	12	142	5	224	0.8	60	14	574	5.25	27	2	5.17	0.02	0.1	2	1
90IRDS-138	8	136	6	227	2.2	52	15	696	4.88	30	2	6.25	0.03	0.1	2	1
90IRDS-139	37	212	7	438	3.1	95	18	868	5.58	22	2	3.08	0.01	0.13	1	1
90IRDS-140	46	212	12	388	0.7	85	21	813	7.31	31	3	1.78	0.01	0.1	1	1
90IRDS-141	23	220	16	407	1	128	28	1875	6.13	33	2	2.21	0.04	0.24	1	2
90IRDS-142	17	91	12	252	0.8	51	12	710	5.35	22	7	1.94	0.02	0.1	1	35
90IRDS-143	22	144	14	308	1	92	26	1735	6.07	24	8	2.96	0.03	0.19	1	9
90IRDS-144	21	176	22	323	1	102	27	2097	5.88	27	8	3.19	0.02	0.13	1	1
90IRDS-145	20	113	31	417	0.4	81	27	1786	6.47	30	7	2.25	0.01	0.17	1	4
90IRDS-146	16	138	11	320	0.5	65	27	1470	6.45	20	2	3.77	0.03	0.19	1	4
90IRDS-147	22	211	10	379	0.6	101	30	1299	6.42	35	4	2.7	0.04	0.23	1	1
90IRDS-148	15	194	13	305	1	69	29	1343	7.09	42	3	3.6	0.03	0.14	1	1
90IRDS-149	12	145	9	262	0.8	43	23	1044	7.75	50	2	4.64	0.01	0.1	1	1
90IRDS-150	16	190	10	279	0.8	56	28	1319	6.78	44	3	3.36	0.02	0.17	1	10
90IRDS-151	22	190	12	309	1.1	58	33	1628	7.03	52	3	2.92	0.02	0.21	1	3
90IRDS-152	8	261	17	218	0.8	51	36	1463	7.38	37	2	4.5	0.02	0.2	1	1
90IRDS-153	4	166	2	185	0.3	36	30	1127	7.55	36	2	4.73	0.01	0.23	1	1
90IRDS-154	14	146	11	285	1.3	60	23	1080	6.09	19	6	4.22	0.02	0.14	1	8
90IRDS-155	4	246	6	194	0.4	32	40	1718	7.85	19	2	4.16	0.03	0.34	1	6
90IRDS-156	8	117	7	292	0.3	38	27	1548	6.02	15	2	3.68	0.02	0.24	1	8
90IRDS-157	2	54	5	136	0.2	27	16	469	4.82	14	2	3	0.03	0.16	1	33
90IRDS-158	3	45	15	151	0.1	19	15	707	5.37	14	3	1.89	0.03	0.09	1	13
90IRDS-159	5	34	13	163	0.1	14	12	401	5.62	11	2	1.97	0.02	0.08	1	2
90IRDS-160	2	83	11	144	0.6	41	16	555	4.55	22	2	2.85	0.06	0.12	1	250
90IRDS-161	2	77	9	141	0.2	35	17	986	4.72	25	2	2.49	0.07	0.15	1	4
90IRDS-162	5	72	11	106	0.8	19	13	1639	3.91	25	2	1.64	0.02	0.19	1	27
90IRDS-163	3	81	7	147	0.1	32	17	853	4.56	18	5	2.35	0.03	0.18	1	1
90IRDS-164	3	69	14	112	0.4	42	21	2558	3.82	10	2	1.74	0.02	0.18	1	1
90IRDS-165	3	88	16	213	0.3	62	22	1483	5.22	24	5	2.71	0.03	0.25	1	13

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90IRDS-166	2	68	6	184	0.4	36	19	1306	4.08	24	3	2.46	0.03	0.23	1	38
90IRDS-167	2	64	10	315	0.2	26	19	1596	4.15	16	3	2.36	0.02	0.12	1	2
90IRDS-168	3	143	3	173	0.4	42	31	1851	6.45	19	2	2.8	0.01	0.07	1	2
90IRDS-169	3	50	7	133	0.6	53	17	524	3.88	20	5	2.01	0.07	0.08	1	16
90IRDS-170	3	68	2	105	0.4	40	17	667	4.32	7	2	2.89	0.03	0.05	1	1
90IRDS-171	4	70	4	125	0.3	32	15	505	5.54	13	2	3.23	0.01	0.05	1	15
90IRDS-172	4	83	11	85	0.5	25	11	297	4.27	8	3	3.63	0.02	0.04	1	11
90IRDS-173	3	109	9	131	0.1	37	18	915	4.67	14	2	2.4	0.03	0.09	1	23
90IRDS-174	3	56	14	78	0.6	31	12	317	5.04	10	2	3.45	0.01	0.03	1	30
90IRDS-175	5	53	9	117	0.1	45	17	470	6.17	23	2	2.41	0.01	0.04	1	3
90IRDS-176	4	49	8	140	0.2	30	16	1026	5.35	12	2	1.81	0.01	0.07	1	6
90IRDS-177	70	194	7	424	3.5	172	56	1687	11.23	202	2	1.09	0.01	0.08	1	3
90IRDS-178	3	40	13	66	0.6	29	7	198	7.1	23	5	1.75	0.01	0.02	1	20
90IRDS-179	2	62	6	99	0.8	41	11	445	4.4	12	7	3.8	0.01	0.04	1	8
90IRDS-180	3	37	9	97	0.5	31	10	346	4.93	16	6	2.29	0.01	0.05	1	1
90IRDS-181	2	49	18	101	0.6	42	14	322	5.43	36	6	3.12	0.01	0.02	1	1
90IRDS-182	2	61	9	84	0.7	24	8	276	5.06	23	7	2.2	0.01	0.03	1	3
90IRDS-183	4	68	11	145	1	72	21	551	6.76	39	5	3.38	0.01	0.07	1	7
90IRDS-184	4	40	11	135	0.9	44	15	891	5.09	22	6	1.62	0.01	0.06	1	14
90IRDS-185	3	53	9	118	0.9	50	18	472	5.25	23	6	2.48	0.01	0.05	1	1
90IQQS-001	1	39	5	162	0.3	17	10	1843	2.31	13	13	0.67	0.01	0.05	1	11
90IQQS-002	1	75	10	160	0.5	23	17	1415	4.87	13	9	1.06	0.01	0.08	1	2
90IQQS-003	2	20	6	146	0.5	27	7	633	2.36	8	8	0.89	0.01	0.04	1	1
90IQQS-004	1	25	5	116	0.1	15	8	1655	1.86	4	10	0.61	0.01	0.03	2	2
90IQQS-005	2	80	15	126	0.7	37	17	1145	4.33	25	9	1.73	0.02	0.14	1	1
90IQQS-006	1	50	10	109	0.7	36	14	773	4.05	18	8	2.22	0.02	0.15	2	1
90IQQS-007	1	64	14	102	1.1	38	15	970	3.87	22	8	2.1	0.05	0.2	1	5
90IQQS-008	1	170	8	150	0.5	27	26	1825	5.88	25	6	2.47	0.02	0.11	1	1
90IQQS-009	1	94	9	119	0.6	38	19	1170	4.72	23	7	2.63	0.02	0.2	1	1
90IQQS-010	2	34	148	92	2.5	32	11	778	3.72	24	9	2.86	0.06	0.1	6	2
90IQQS-011	1	56	21	115	0.7	33	14	1247	3.77	30	7	2.23	0.02	0.19	1	1
90IQQS-012	1	42	15	161	0.4	31	13	1174	3.94	23	9	2.41	0.02	0.19	2	2
90IQQS-013	2	79	11	320	0.7	41	18	2207	4.17	14	8	2.43	0.01	0.18	1	2
90IQQS-014	1	38	8	113	0.5	32	13	794	4.1	12	8	2.84	0.03	0.08	1	2
90IQQS-015	2	48	12	195	0.5	30	18	1702	4.86	21	7	3.09	0.01	0.07	1	1
90IQQS-016	2	46	8	188	0.6	41	19	1434	4.85	19	7	3.2	0.02	0.1	1	1
90IQQS-017	1	49	9	124	0.6	35	14	852	4.05	21	8	2.54	0.03	0.21	1	4
90IQQS-018	2	58	9	174	0.4	30	19	1908	4.22	17	13	2.3	0.03	0.16	1	6
90IQQS-019	1	75	10	104	0.9	32	14	707	3.93	18	8	2.34	0.1	0.17	1	1
90IQQS-020	1	70	8	92	1.1	37	13	625	3.48	18	9	2.9	0.19	0.15	1	1
90IQQS-021	1	43	8	190	0.5	47	21	1164	6.04	24	8	3.38	0.12	0.09	1	1
90IQQS-022	1	33	8	166	0.4	40	12	757	3.49	19	9	2.49	0.05	0.06	1	11
90IQQS-023	1	51	4	130	0.5	38	23	1059	6.85	21	5	4.49	0.01	0.04	1	1
90IQQS-024	2	49	10	206	0.4	31	23	1540	7.09	19	5	2.64	0.02	0.04	1	1
90IQQS-025	1	73	8	128	0.7	92	23	895	5.1	21	8	2.58	0.03	0.29	1	7
90IQQS-026	1	33	11	111	0.4	28	12	666	4.25	18	9	2.18	0.04	0.08	1	1
90IQQS-027	1	42	10	175	0.7	48	20	869	4.64	20	9	2.85	0.05	0.08	1	1
90IQQS-028	1	71	16	120	0.9	41	18	1601	4.42	27	11	1.86	0.05	0.33	1	1
90IQQS-029	2	43	21	239	0.7	44	26	2041	4.53	44	10	1.6	0.01	0.22	1	2
90IQQS-030	1	50	17	319	0.7	63	32	2558	4.87	36	9	1.84	0.01	0.15	1	13
90IQQS-031	1	71	15	341	0.8	98	54	2060	5.45	24	9	1.44	0.01	0.23	1	3

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90IQQS-032	1	41	12	151	0.7	59	19	989	4.43	31	9	1.87	0.01	0.14	1	10
90IQQS-033	5	104	12	249	0.9	44	33	1871	5.11	26	8	2.08	0.01	0.07	1	2
90IQQS-034	3	303	8	376	1.4	118	79	3110	10.94	62	2	3.54	0.01	0.07	1	34
90IQQS-035	3	239	7	276	1.6	72	43	1566	9.49	40	2	3.49	0.02	0.08	1	34
90IQQS-036	3	239	9	285	1.4	73	42	1669	9.17	129	2	3.17	0.01	0.09	1	27
90IQQS-037	7	276	7	340	1.7	96	51	1784	10.46	64	2	3.57	0.01	0.08	2	21
90IQQS-038	4	275	10	311	1.5	92	56	1513	9.75	23	2	3.38	0.01	0.08	1	30
90IQQS-039	7	303	12	322	1.5	93	46	1401	9.45	45	2	3.1	0.02	0.07	1	9
90IQQS-040	23	196	24	481	1.9	144	35	1747	6.6	27	6	1.72	0.02	0.08	1	15
90IQQS-041	5	258	7	302	1.3	84	41	1353	9.44	49	2	3.19	0.01	0.1	1	4
90IQQS-042	7	294	8	333	1.5	102	49	1339	9.22	39	2	2.99	0.01	0.06	1	2
90IQQS-043	23	226	30	415	3.2	124	43	2251	8.29	47	4	3.19	0.02	0.08	1	1
90IQQS-044	9	531	16	565	1.8	219	92	1786	11.01	23	2	2.81	0.02	0.06	1	2
90IQQS-045	5	309	12	295	1.8	82	51	1443	9.22	23	3	3.02	0.01	0.07	1	23
90IQQS-046	5	224	9	263	1.3	76	35	1325	8.84	14	3	3.18	0.02	0.06	1	20
90IQQS-047	12	184	13	307	1.8	88	33	1284	7.56	28	5	2.48	0.02	0.06	1	17
90IQQS-048	10	175	12	294	1.8	79	30	1197	7.53	28	5	2.62	0.02	0.06	1	20
90IQQS-049	6	170	8	270	1.3	69	31	1249	7.94	32	4	2.94	0.02	0.06	1	51
90IQQS-050	6	223	8	340	1.3	101	42	1666	9.18	32	2	3.2	0.02	0.07	1	13
90IQQS-051	5	210	8	255	1.2	67	54	1952	9.12	71	2	3.8	0.01	0.07	1	150
90IQQS-052	1	85	4	103	1	21	24	756	3.05	6	9	3.64	0.01	0.07	1	10
90IQQS-053	1	101	2	138	1	27	23	944	4.51	14	8	4.4	0.01	0.11	1	4
90IQQS-054	1	113	3	147	1	29	24	1039	5.88	10	9	3.7	0.02	0.07	1	5
90IQQS-055	1	105	4	132	1	27	22	988	4.86	11	8	3.19	0.01	0.07	1	13
90IQQS-056	1	115	4	156	0.9	28	24	1252	4.67	16	10	2.85	0.02	0.13	1	17
90IQQS-057	2	111	8	150	0.8	25	30	1914	4.67	16	11	2.76	0.01	0.1	1	31
90IQQS-058	1	171	7	198	1.3	45	31	1217	7.21	16	5	3.65	0.02	0.07	1	37
90IQQS-059	1	116	5	167	1	33	23	1007	5.94	5	7	3.75	0.01	0.06	1	20
90IQQS-060	2	160	4	199	0.8	47	31	1166	7.37	17	5	4.67	0.01	0.06	1	14
90IQQS-061	1	103	5	166	0.6	33	30	1241	6.87	17	6	5.01	0.02	0.11	1	11
90IQQS-062	1	129	8	156	0.8	28	27	1070	6.36	16	14	3.97	0.02	0.07	2	9
90IRDS-186	3	172	14	216	0.3	53	38	2230	8.31	17	3	5.01	0.03	0.14	1	9
90IRDS-187	6	253	18	340	1.1	81	47	2014	7.97	12	6	3.91	0.04	0.12	1	6
90IRDS-188	14	173	14	419	0.9	86	28	1258	6.77	15	5	3.99	0.08	0.11	1	6
90IRDS-189	3	214	15	190	0.3	94	40	1272	6.24	18	2	3.94	0.04	0.04	1	9
90IRDS-190	2	232	16	166	0.7	73	35	1261	7.45	17	3	3.55	0.06	0.04	1	9
90IRDS-191	3	189	9	192	0.8	61	33	1571	5.69	12	3	3.32	0.05	0.09	1	11
90IRDS-192	3	131	16	178	0.4	45	28	1615	5.96	14	3	4.39	0.03	0.11	1	4
90IRDS-193	4	82	11	142	0.2	31	21	1067	4.71	5	5	2.71	0.03	0.05	1	4
90IRDS-194	8	103	8	203	0.6	50	19	1066	5.44	9	2	3.66	0.02	0.07	1	8
90IRDS-195	54	337	21	1124	5.5	264	30	944	6.56	31	5	1.66	0.02	0.25	1	21
90IRDS-196	27	226	25	435	2.4	119	31	1439	7.21	28	4	3.23	0.04	0.15	1	10
90IRDS-197	10	108	14	338	0.6	95	27	694	3.4	10	2	0.61	0.01	0.06	1	8
90IRDS-198	7	107	17	226	0.5	42	35	2142	5.96	13	4	3.63	0.02	0.1	1	3
90IRDS-199	4	103	11	178	0.4	36	18	729	5.56	12	4	4.98	0.02	0.05	1	6
90IRDS-200	30	538	20	1243	9	425	123	10565	7.92	21	2	1.79	0.01	0.1	1	8
90IRDS-201	6	83	17	180	0.2	167	31	1264	9.44	6	2	4.41	0.01	0.21	1	2
90IRDS-202	7	110	24	210	0.7	44	20	1229	6.93	19	3	4.06	0.01	0.06	1	4
90IRDS-203	16	88	11	269	1	50	25	1682	5.69	22	2	2.89	0.02	0.09	1	17
90IRDS-204	32	105	24	300	1.1	67	18	425	6.05	43	2	2.2	0.01	0.08	1	15
90IRDS-205	4	70	27	264	0.2	22	22	2843	5.16	9	2	1.83	0.02	0.14	1	5

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90IRDS-206	5	288	24	333	1.6	106	55	3013	10.23	21	4	4.75	0.01	0.08	1	27
90IRDS-207	6	183	26	288	0.4	59	44	2657	8.97	12	2	4.7	0.01	0.1	1	15
90IRDS-208	36	350	22	902	6.1	205	48	1308	8.17	30	2	2.53	0.01	0.14	1	22
90IRDS-209	15	115	19	370	0.4	61	32	1784	7.4	18	3	3.37	0.01	0.08	1	8
90IRDS-210	2	36	4	127	0.2	41	13	776	3.44	17	3	1.99	0.01	0.08	1	2
90IRDS-211	5	31	10	125	0.1	55	11	375	4.2	16	2	2.03	0.01	0.06	1	2
90IRDS-212	3	36	9	132	0.2	40	11	648	3.34	14	2	1.54	0.01	0.08	1	2
90IRDS-213	2	25	10	129	0.1	28	13	1069	3.53	9	2	1.6	0.02	0.08	1	3
90IRDS-214	6	44	9	126	0.3	61	16	723	4.35	24	2	1.67	0.02	0.14	1	9
90IRDS-215	1	82	14	97	0.2	39	16	685	4.52	19	4	2.74	0.09	0.17	1	32
90IRDS-216	6	60	15	91	0.1	51	21	524	5.03	10	2	2.17	0.02	0.1	1	1
90IRDS-217	3	46	10	154	0.1	67	16	361	4.29	20	2	1.16	0.02	0.1	1	1
90IRDS-218	4	44	2	171	0.1	70	18	452	3.22	13	2	1.4	0.02	0.13	1	1
90IRDS-219	6	53	13	190	0.2	70	17	580	3.9	15	3	1.5	0.02	0.16	1	7
90IRDS-220	5	49	11	214	0.2	60	14	783	3.64	15	3	1.54	0.02	0.14	1	1
90IRDS-221	4	72	12	162	0.4	40	14	654	3.81	22	4	1.2	0.01	0.1	1	5
90IRDS-222	7	101	17	152	0.2	41	15	716	3.97	28	2	1.27	0.01	0.07	1	6
90IRDS-223	17	164	8	289	0.9	73	26	1286	5.88	32	3	1.94	0.02	0.09	1	9
90IRDS-224	15	216	3	294	0.6	69	32	1512	6.93	36	4	2.5	0.02	0.08	1	19
90IRDS-225	3	261	2	144	0.1	31	30	1798	5.93	26	2	3.08	0.01	0.1	1	20
90IRDS-226	4	94	12	262	0.1	67	20	827	4.42	22	2	2.46	0.01	0.17	1	3
90IRDS-227	4	115	18	289	0.1	62	19	940	4.89	18	7	2.7	0.01	0.19	1	4
90IRDS-228	4	100	11	210	0.2	53	19	879	4.28	16	2	2.33	0.02	0.21	1	7
90IRDS-229	1	38	3	135	0.1	36	14	403	3.61	9	2	2.77	0.02	0.16	1	4
90IRDS-230	2	33	2	104	0.1	29	13	399	3.51	11	2	2.16	0.02	0.12	1	4
90IRDS-231	2	37	3	113	0.4	25	14	473	3.81	12	3	2.22	0.02	0.13	1	4
90IRDS-232	2	83	8	123	0.3	41	17	641	3.9	13	2	2.35	0.05	0.23	1	8
90IRDS-233	6	113	7	202	0.2	62	22	914	4.57	19	2	2.17	0.02	0.15	1	5
90IRDS-234	5	79	2	168	0.1	64	15	635	3.94	13	5	2.11	0.02	0.15	1	2
90IRDS-235	3	82	3	124	0.3	37	14	636	3.61	11	4	2	0.05	0.22	1	3
90IRDS-236	6	120	3	158	0.5	56	22	611	5.09	19	2	3.06	0.02	0.16	1	17
90IRDS-237	2	57	7	156	0.4	27	18	1018	3.85	6	2	2.34	0.02	0.12	1	3
90IRDS-238	2	76	2	135	0.4	37	17	537	4.36	15	2	3.05	0.03	0.16	1	3
90IRDS-239	2	24	10	97	0.2	33	9	454	2.73	4	4	1.51	0.01	0.08	1	2
90TGS-001	154	129	74	1310	2.7	205	26	966	4.61	128	4	0.66	0.01	0.08	1	67
90TGS-002	17	138	12	310	0.7	73	27	1357	5.43	42	2	1.66	0.01	0.04	1	25
90TGS-003	17	89	30	274	0.3	73	22	1229	3.98	27	4	1.15	0.01	0.02	1	9
90TGS-004	201	240	16	1929	7.8	375	32	1813	5.12	64	5	0.73	0.01	0.13	1	22
90TGS-005	33	259	22	549	2.3	139	42	1493	9.48	60	2	1.75	0.03	0.06	1	23
90TGS-006	14	40	11	338	0.5	42	17	937	3.98	8	2	1.11	0.01	0.07	1	7
90TGS-007	62	189	10	404	1.4	169	26	842	5.64	41	3	1.23	0.01	0.07	1	14
90TGS-008	3	237	2	244	0.7	62	38	1408	7.14	10	2	4.36	0.04	0.12	1	21
90TGS-009	1	96	2	40	0.4	13	16	626	1.76	46	5	8.02	0.1	0.12	1	11
90TGS-010	4	434	18	176	1.1	108	64	1698	8.12	141	2	4.06	0.05	0.1	1	130
90TGS-012	6	532	2	86	1	119	64	1004	9.06	69	2	5.17	0.04	0.12	1	76
90TGS-013	18	319	16	291	2	178	38	1160	6.97	80	2	3.86	0.04	0.1	1	110
90TGS-014	5	232	5	226	0.7	45	27	776	5.75	167	2	4.6	0.05	0.06	1	54
90TGS-015	6	192	13	177	0.8	41	21	476	4.87	45	5	3.13	0.04	0.13	1	150
90TGS-016	11	403	13	57	1.7	47	40	503	7.96	13	2	5.92	0.03	0.06	1	160
90TGS-017	3	174	16	154	0.8	39	20	542	2.99	21	6	4.32	0.03	0.08	1	410
90TGS-018	1	75	2	57	0.3	13	21	655	1.84	13	5	4.79	0.03	0.13	1	130

SOILS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90TGS-019	3	207	28	406	1.5	54	26	881	4.93	13	15	3.77	0.02	0.08	1	1270
90TGS-020	2	139	9	113	0.5	23	26	983	3.62	7	4	3.81	0.02	0.09	1	550
90TGS-021	2	261	2	96	0.6	31	43	774	5.43	20	2	4.34	0.15	0.13	1	830
90TGS-022	2	314	8	127	0.7	33	53	1101	6.43	43	2	3.99	0.05	0.13	1	540
90TGS-023	3	230	2	49	0.4	27	27	472	5.47	13	3	2.4	0.1	0.06	1	160
90TGS-024	3	245	2	99	0.6	29	38	1204	6.16	32	2	2.34	0.12	0.06	1	110
90TGS-025	4	184	11	137	1.1	52	24	788	4.35	22	2	5	0.03	0.09	1	280
90TGS-026	2	187	2	102	0.6	25	22	764	3.83	30	3	5.92	0.03	0.12	1	140
90TGS-027	2	370	3	138	0.9	39	48	1163	5.67	86	4	4.58	0.05	0.14	1	170
90TGS-028	5	191	3	138	0.9	69	20	649	4.15	179	5	2.72	0.09	0.05	1	210
90TGS-029	5	242	13	703	1.1	83	33	1071	4.89	71	2	3.16	0.02	0.05	1	42

ROCKS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90 PCR 030	1	125	6	55	0.1	31	22	564	4.73	9	2	2.53	0.14	0.06	1	10
90 PCR 027	7	142	3	52	0.2	28	5	149	2.39	11	3	0.73	0.05	0.21	1	100
90 PCR 028	7	152	6	29	0.3	42	21	212	3.5	2	2	1.32	0.17	0.07	1	19
90 PCR 029	4	125	8	38	0.6	53	28	174	4.5	2	3	1.88	0.15	0.07	1	44
90 PGR 008	2	172	4	40	0.2	4	4	352	1.89	10	2	0.5	0.04	0.16	1	37
90 PGR 009	1	315	4	144	0.6	44	39	155	5.1	11	3	1.89	0.3	0.32	1	53
90 PGR 010	1	106	6	31	2.4	13	31	236	10.09	93789	2	0.77	0.04	0.07	1	11320
90 PGR 011	2	16	5	29	0.1	4	7	437	3.92	58	2	2.1	0.19	0.09	1	34
90 PGR 012	24	184	2	7	0.3	80	19	78	5.2	79	5	0.26	0.05	0.01	1	21
90 PGR 013	7	130	5	35	1.2	43	9	113	2.54	11	3	1.27	0.17	0.14	1	107
90 PGR 014	2	84	3	98	0.7	22	13	662	3.04	18	2	1.6	0.16	0.07	1	27
90 PIR 017	1	465	5	15	0.1	33	15	390	3.45	3	2	0.73	0.06	0.05	1	17
90 PIR 018	8	49	2	40	0.1	9	9	355	3.73	3	3	0.78	0.09	0.1	1	4
90 PIR 019	2	71	10	51	0.1	12	13	407	3.82	11	4	1.29	0.05	0.09	1	5
90 PIR 020	1	76	10	102	0.1	15	14	1029	4.47	15	2	2.09	0.02	0.1	1	21
90 PIR 021	1	48	4	69	0.1	12	8	811	3.38	10	5	1.57	0.03	0.07	1	155
90 PZR 002	5	179	8	51	0.3	7	9	689	3.78	18	3	1.08	0.38	0.19	1	89
90 PZR 007	3	263	12	23	0.3	8	6	478	1.93	5	2	0.5	0.05	0.12	1	14
90 PZR 015	3	399	10	8	1.4	5	3	140	3.08	10	2	0.19	0.01	0.08	4	260
90 PZR 016	7	999	18	57	21	9	30	19	17.97	4	2	0.03	0.01	0.05	1	6380
90 PCR-061	4	352	9	33	2.6	16	24	192	25.01	6	8	0.21	0.04	0.1	2	118
90 PCR-062	2	166	4	30	0.2	10	9	333	3.37	12	10	0.45	0.08	0.08	1	44
90 PCR-063	2	22	8	52	0.3	7	6	436	2.38	2	15	0.88	0.16	0.34	1	9
90 PCR-064	2	257	9	33	1.6	11	71	561	21.07	18	7	1.19	0.08	0.08	1	44
90 PCR-065	9	648	2	38	0.6	65	36	289	6.38	2	8	0.26	0.03	0.02	1	21
90 PCR-066	3	252	8	27	0.6	16	18	219	4.68	2	8	1.28	0.1	0.37	1	26
90 PCR-067	2	1071	8	10	3.7	7	5	189	2.33	4	14	0.08	0.02	0.04	1	128
90 PGR-037	1	89	4	31	0.3	11	7	1358	2.95	22	2	0.46	0.01	0.12	1	10
90 PGR-038	1	39	2	25	0.3	4	6	2228	2.36	156	2	0.22	0.01	0.09	1	8
90 PGR-039	5	82	4	136	0.4	24	7	772	1.93	23	6	0.71	0.02	0.11	1	1
90 PGR-040	6	106	4	146	0.6	56	6	319	2.11	7	11	0.73	0.04	0.03	1	2
90 PGR-041	5	45	2	9	0.4	15	7	1429	3.63	72	2	0.35	0.02	0.09	1	32
90 PGR-042	3	100	5	33	0.2	8	6	400	2.7	14	10	0.38	0.06	0.06	1	12
90 PGR-043	4	95	4	31	0.8	16	9	837	5.68	33	5	0.27	0.01	0.09	1	5
90 PGR-044	4	143	3	146	0.2	29	13	435	3.14	13	35	1.06	0.05	0.01	1	1
90 PGR-045	9	54	5	331	0.3	42	6	730	1.79	11	3	0.6	0.01	0.07	1	1
90 PGR-046	4	52	8	37	0.2	24	8	110	0.96	2	13	0.23	0.01	0.01	2	1
90 PGR-047	8	15	12	1	0.6	28	3	84	6.86	22	7	0.02	0.01	0.01	1	16
90 PGR-048	2	12	10	24	0.1	16	3	662	1.2	2	6	0.43	0.01	0.02	1	1
90 PGR-049	3	28	9	23	0.2	27	4	178	0.79	3	8	0.16	0.01	0.01	1	1
90 PGR-050	2	6	2	28	0.1	14	1	711	0.65	4	6	0.03	0.01	0.01	1	1
90 PGR-051	14	686	5	26	1.4	9	45	295	10.5	6	7	0.99	0.02	0.1	1	1
90 PGR-051A	5	76	3	109	0.2	24	11	382	9	13	5	2.01	0.04	0.12	1	3
90 PGR-052	16	127	15	55	1	35	17	669	6.03	22	6	1.85	0.06	0.61	1	69
90 PGR-053	4	889	8	26	3.4	50	95	378	13.65	6	4	1.46	0.05	0.13	1	65
90 PGR-054	5	357	11	14	4.2	16	36	212	15.92	16	4	1.24	0.05	0.17	1	94
90 PGR-055	9	4240	2	366	1.1	50	31	1630	5	12	4	1.67	0.04	0.03	1	30
90 PGR-056	1	183	11	165	0.5	5	8	737	3.18	3	9	1.06	0.03	0.11	1	14
90 PGR-057	2	155	9	196	0.4	7	8	1307	3.61	2	5	1.33	0.04	0.1	1	2
90 PGR-058	14	1661	19	30	3.8	82	90	493	35.4	65	2	2.11	0.01	0.03	1	26
90 PGR-059	1	580	9	138	0.2	8	9	1246	4.2	2	11	1.31	0.03	0.11	2	1
90 PIR-027	2	655	7	49	0.5	12	16	451	4.95	2	10	1.13	0.05	0.03	2	2

ROCKS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90 PIR-028	10	251	7	177	1.6	125	21	492	11.1	25	4	0.64	0.01	0.03	1	1
90 PIR-030	4	748	5	63	1	43	21	480	7.34	7	10	1.06	0.07	0.04	1	11
90 PIR-035	5	32765	81	868	37.3	49	28	1696	6.39	12	4	1.05	0.04	0.04	1	1110
90 PIR-036	7	2043	23	44	3.7	78	58	769	30.89	65	4	2.35	0.01	0.03	1	68
90 PIR 029	12	1876	12	13	2.4	13	35	203	24.66	19	3	0.86	0.02	0.07	1	50
90 PIR 031	9	132	26	21	1	35	46	71	19.31	18	8	0.15	0.03	0.13	1	11
90 PIR 032	10	890	9	21	17.5	13	8	47	7.83	21	8	0.06	0.03	0.11	2	9880
90 PIR 034	26	636	8	55	1.2	42	34	529	6.4	13	4	1.86	0.09	1.3	2	24
90TSR-001	1	1766	18	75	4	37	174	250	43.7	1140	4	0.11	0.01	0.01	2	180
90TSR-002	5	1292	14	24	1.9	114	34	696	23.36	44	6	0.81	0.04	0.03	2	430
90TSR-003	1	4	12	13	0.3	16	255	440	0.72	4271	4	0.47	0.04	0.08	2	210
90IRSR-001	22	210	295	3	2.4	29	14	79	3.7	212	2	0.41	0.07	0.09	1	11
90IGR-005	3	136	2	82	0.5	19	8	372	1.22	18	5	0.49	0.01	0.24	1	12
90IGR-006	1	13	2	3	0.4	2	1	927	1.67	36	2	0.09	0.01	0.03	1	31
90IGR-007	1	9	3	1	0.4	1	1	1121	0.89	33	2	0.06	0.01	0.04	1	53
90IGR-008	1	72	3	20	0.4	6	4	1123	1.83	28	2	0.54	0.01	0.05	1	7
90IGR-009	1	12	2	2	0.6	3	4	1089	1.3	56	2	0.12	0.01	0.05	1	76
90IGR-010	1	43	2	56	0.1	14	7	725	3.22	45	2	0.51	0.01	0.1	1	12
90IGR-011	1	81	2	59	0.1	10	7	1119	5.32	7	2	0.26	0.01	0.08	1	4
90IGR-012	1	20	2	51	0.1	8	6	1043	3.09	2	2	1.75	0.02	0.02	1	7
90IGR-013	2	17	2	40	0.3	3	4	1118	3.3	3	2	0.27	0.02	0.13	1	1
90IGR-014	1	21	2	15	0.2	10	10	633	4.53	12	2	0.34	0.03	0.08	1	4
90IGR-015	2	23	2	35	0.3	13	6	535	2.79	29	2	0.55	0.04	0.12	1	7
90IGR-016	6	48	2	192	0.1	121	9	107	8.18	5	2	2.76	0.01	0.14	1	3
90IGR-017	8	34	2	7	0.1	18	1	40	0.41	2	2	0.03	0.01	0.01	1	1
90IGR-018	4	19	20	23	0.2	20	5	215	3.82	9	2	0.53	0.01	0.05	1	2
90IGR-019	2	101	2	119	0.1	8	12	1616	5.51	2	2	1.83	0.06	0.12	1	3
90IRSR-009	7	153	3	190	0.6	64	7	172	2.47	2	2	0.56	0.01	0.03	1	3
90IGR-001	1	1	2	11	0.1	2	1	489	0.37	2	7	0.2	0.01	0.01	1	2
90IGR-002	1	8	9	35	0.1	9	5	446	2.02	4	2	0.98	0.01	0.01	1	1
90IGR-003	1	27	2	43	0.2	6	5	125	0.77	5	27	2	0.01	0.01	1	24
90IGR-004	2	11	2	52	0.2	5	9	559	3.46	7	5	1.19	0.04	0.12	1	1
90IRSR-002	1	33	4	30	0.3	8	5	221	1.49	6	3	2.92	0.01	0.01	1	1
90IRSR-003	2	14	12	32	0.8	5	2	20	1.21	23	2	0.32	0.05	0.17	1	4
90IRSR-004	1	54	8	123	0.6	33	14	1165	3.49	5	2	1.02	0.04	0.13	1	1
90IRSR-005	4	112	7	40	0.4	5	4	211	2.4	23	2	0.35	0.05	0.09	1	8
90IRSR-006	13	61	15	235	0.3	22	6	76	4.93	42	2	0.41	0.03	0.1	1	5
90IRSR-007	3	16	2	4	0.1	12	4	62	3	4	2	0.11	0.01	0.01	1	4
90IRSR-008	1	22	2	102	0.1	6	13	661	3.7	5	4	0.56	0.05	0.18	1	2
90 PQQR-010	5	121	9	27	0.5	54	25	272	4.29	44	9	2.25	0.3	0.32	1	5
90 PQQR-012	3	305	7	18	0.5	8	12	157	3.89	16	5	0.72	0.05	0.07	1	1
90 PQQR-013	3	67	4	14	0.1	8	14	191	3.92	3	8	0.75	0.07	0.08	1	17
90 PQQR-014	13	397	12	439	1.1	53	27	1051	6.4	31	3	1.42	0.07	0.12	5	3
90 PDR 005	2	153	33	57	0.2	9	12	277	3.77	11	10	1.83	0.31	0.27	1	44
90 PDR 006	10	145	12	46	0.2	8	13	382	3.96	15	7	2.27	0.38	0.32	1	25
90 PDR 007	52	189	5	14	0.4	119	24	143	6.47	11	2	0.54	0.07	0.06	1	20
90 PDR 008	4	99	3	40	0.2	13	10	244	3.32	7	5	1.25	0.07	0.09	1	7
90 PDR 009	3	291	6	25	0.7	5	15	207	4.61	7	4	1.01	0.06	0.09	1	27
90 PDR 010	39	260	10	100	0.5	92	14	192	4.18	6	2	0.98	0.1	0.13	1	15
90 PDR 011	3	211	4	67	0.4	37	19	636	5.25	3	3	1.76	0.08	0.83	1	18
90 PDR 012	27	174	8	21	2.1	8	7	226	7.76	2	3	0.29	0.08	0.23	1	380
90TGR-001	1	160	9	9	0.3	33	16	137	2.52	9	2	1	0.14	0.03	1	13

ROCKS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90TGR-002	1	1224	8	13	2.4	30	113	354	30.33	6	2	0.95	0.01	0.07	1	27
90TGR-003	14	37	3	21	0.6	13	2	101	1.42	21	2	0.95	0.01	0.03	1	4
90TGR-004	5	192	4	60	0.6	31	16	630	3.64	3	2	2.57	0.24	0.05	1	19
90TGR-005	2	59	3	9	0.4	8	3	158	2	7	2	1.8	0.02	0.03	1	96
90TGR-006	14	142	8	24	0.9	12	12	129	3.55	4	3	1.31	0.13	0.05	1	26
90TGR-007	1	90	2	52	0.1	13	8	847	3.41	20	2	1.38	0.01	0.03	1	13
90TGR-008	1	71	2	39	0.3	9	8	853	3.57	11	2	0.96	0.01	0.02	1	4
90TGR-009	1	80	4	81	0.4	19	9	604	3.74	12	2	1.04	0.01	0.03	1	16

SILTS IR

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb
90 PIL 001	1	158	7	72	0.3	18	17	642	4.06	20	2	1.68	0.06	0.2	1	27
90 PIL 002	5	148	10	190	0.3	41	18	796	4.9	24	6	2	0.13	0.14	1	9
90 PIL 003	5	260	12	175	0.4	41	23	1081	6.11	35	5	1.73	0.03	0.12	1	18
90 PIL 004	6	279	10	126	0.4	33	22	858	5.13	9	4	2.01	0.03	0.22	2	25
90 PIL 005	5	331	7	109	0.3	27	19	752	4.56	11	3	1.88	0.03	0.15	1	10
90 PIL 006	9	344	6	105	0.2	37	21	606	4.94	18	2	2.19	0.02	0.19	1	9
90 PIL 007	10	216	9	144	0.1	64	25	430	4.84	29	2	3.29	0.04	0.06	1	21
90 PIL 008	5	275	7	96	0.2	26	17	578	4.29	13	4	2	0.03	0.08	2	32
90 PIL 009	9	485	8	74	0.3	15	11	545	4.03	8	3	1.68	0.02	0.06	1	8
90 PIL 010	7	330	15	82	0.3	20	17	717	5.4	8	5	2.57	0.02	0.1	1	42
90 PIL 011	2	196	8	142	0.6	31	21	803	4.89	30	3	2.54	0.1	0.18	1	31
90 PIL 012	6	209	11	250	0.9	47	25	651	5.57	84	9	2.44	0.1	0.11	1	33
90 PIL 013	6	229	11	273	1	54	27	736	5.92	81	10	2.48	0.1	0.11	1	26
90 PIL 014	4	112	10	131	0.3	31	14	582	3.62	24	4	2.04	0.08	0.11	1	13
90 PIL 015	2	140	5	141	0.3	33	15	583	3.76	22	3	2.11	0.07	0.08	1	17
90 PIL 016	16	107	12	241	0.9	50	12	566	4.03	45	5	1.67	0.07	0.12	1	19
90 PCL 003	4	113	5	109	0.3	24	12	542	3.59	15	3	1.7	0.09	0.1	1	6
90 PCL 004	2	112	13	70	0.2	15	13	446	3.41	16	8	1.15	0.04	0.09	1	240
90 PCL-007	7	819	9	125	0.6	89	27	1140	6.47	4	12	1.9	0.03	0.5	1	27
90 PCL-008	7	631	5	93	0.6	75	22	931	5.6	13	14	1.66	0.02	0.55	1	10
90 PCL-009	17	412	11	116	0.7	33	33	1042	5.45	16	5	2.31	0.03	0.16	12	23
90 PIL 010A	4	470	14	151	1.1	39	32	1182	7.66	9	8	2.41	0.03	0.39	1	70
90 PIL 011A	2	392	6	114	0.7	29	19	1104	5.42	2	9	1.94	0.03	0.05	2	17
90 PIL 012A	5	343	5	78	0.5	24	14	777	3.89	9	9	1.08	0.05	0.16	1	10
90 PIL 013A	5	362	5	112	0.7	28	16	798	4.71	2	8	1.45	0.05	0.13	1	15
90 PIL 014A	9	415	7	173	0.6	45	28	886	4.64	9	17	1.69	0.03	0.11	3	18
90 PIL 015A	20	209	9	248	0.7	39	15	440	4.74	12	25	2.3	0.03	0.07	3	91
901RSL-001	12	435	11	98	0.3	27	29	1049	6.52	8	2	2.54	0.02	0.1	11	23
90TDL-001	6	137	21	138	0.4	34	14	417	5.06	72	4	2.46	0.04	0.12	1	220
90TDL-002	6	136	18	137	0.6	36	16	497	5.13	130	4	2.61	0.04	0.13	2	270
90IRSL-002	7	158	2	245	0.9	60	23	918	5.82	13	6	2.62	0.08	0.21	1	8
90IRSL-003	15	150	10	287	0.8	64	21	894	5.55	17	2	1.97	0.04	0.2	1	6
90IRSL-004	19	132	13	383	1.2	107	21	861	4.8	28	2	1.43	0.02	0.15	1	11
90IRSL-005	14	171	11	310	1.5	68	27	981	6.21	40	2	2.15	0.02	0.16	1	8
90IRSL-006	5	55	9	138	0.5	48	18	864	4.31	24	2	1.05	0.02	0.06	1	3
90IQQL-001	5	64	15	150	0.2	43	26	1275	6.07	22	2	3	0.09	0.1	1	6
90IQQL-002	4	80	13	146	0.1	50	26	969	5.88	23	4	3.33	0.14	0.13	1	12
90IQQL-003	1	19	6	54	0.1	16	6	311	1.52	9	4	0.73	0.03	0.03	1	3
90 PDL 002	12	224	14	259	0.4	60	24	882	6.76	37	8	1.71	0.03	0.07	1	37
90 PDL 003	7	1326	3	169	0.1	91	24	1005	5.94	2	5	1.46	0.02	0.51	1	51
90 PDL 004	8	682	12	120	0.3	45	25	1242	7.62	8	3	1.68	0.02	0.36	1	33
90 PGL 001	2	127	6	112	0.3	20	15	722	4.07	20	7	2.17	0.11	0.18	1	20
90 PGL 002	3	173	10	160	0.3	33	21	5.18	4.64	22	4	2.83	0.04	0.1	1	27
90 PGL 003	2	77	6	54	0.2	11	12	451	3.96	35	3	2.05	0.07	0.08	4	430
90 PGL 004	4	212	4	100	0.3	28	24	624	5.2	100	3	2.87	0.09	0.15	1	66

SILT H.M.C.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Na	K	W	Au*	HMC(%)	HMC(gm)
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppb		
"90 PIH-004"	5	185	16	114	.6	24	19	544	6.14	21	.09	.08	1	19	5.62	25.83
"90 PIH-005"	31	260	25	435	1.8	76	31	1029	12.15	39	.08	.14	1	110	3.16	9.15
"90 PIH-006"	19	242	20	344	1.5	70	27	883	11.00	26	.09	.12	1	87	1.96	3.72
"90 PIH-007"	11	180	19	193	1.1	46	24	770	9.62	19	.08	.12	1	15	3.14	8.49
"90 PIH-008"	31	328	31	529	3.4	112	40	1100	15.03	58	.06	.16	1	1992	2.24	5.38
"90 PIH-009"	16	155	21	272	1.1	70	27	927	10.26	24	.12	.16	1	58	2.09	3.13

APPENDIX IV

Rock Sample Descriptions

Abbreviations used in rock descriptions

G=GRAB C=CHIP F=FLOAT CH=CHANNEL

aggs.	aggregates
alt.	altered
aspy.	arsenopyrite
assoc.	associated
blk.	black
brecc.	breccia\brecciated
carb.	pyritic, pyrite
chl.	chloritic
cpy.	chalcopyrite
diop.	diopside
diss.	disseminated
dk.	dark
epi.	epidotised
Fe Ox	iron oxides
ferr.	ferruginous
frag.	fragments
gal.	galena
gr.	grained
hbl.	hornblende
hem.	hematite
K-spar	potassium feldspar
lamp.	lamprophyre
lam.	laminated
mag.	magnetite
mass.	massive
max.	maximum
min.	mineralised
Mn Ox	manganese oxides
n.v.m.	no visible mineralisation
para.	parallel
phenos.	phenocrysts
po.	pyrrohtite
qtz.	quartz
sil.	siliceous
sulp.	sulphides
tex.	texture
tr.	trace
var.	variable
vert.	vertical
v.f.g.	very fine grained
wth.	with
xtall.	crystalline
xtic.	crystic

SAMPLE NUMBER	GOLD(PPB)	SAMPLE TYPE	ROCK TYPE	DESCRIPTION
90 PCR 030	10	F	INTRUSIVE	Diss.py.
90 PCR 027	100	F	HORNFELS	Chert, diss. py.,tr.cpy.
90 PCR 028	19	F	HORNFELS	Sil.,banded, wth.diss.pyr.
90 PCR 029	44	F	HORNFELS	Diss. py.in sil.hornfels
90 PGR 006	37	F	PEGMATITE	Pink large K-spar phenos.Tr malachite after py.
90 PGR 009	53	F	QTZ.VEIN	Brecc.,wth diss.py.also in veinlets.and blebs
90 PGR 010	11320	F	SIL.SILTSTONE	Stringers of py.,tr. cpy.,chl.
90 PGR 011	34	F	DIORITE	Hbl.diorite wth.5% diss.py.,cpy.on fracs.
90 PGR 012	21	F	SILTSTONE	Diss.py.
90 PGR 013	107	F	SHALE	Finely lam.wth.up to 10% diss.py.
90 PGR 014	27	C	SHALE	4m. wide shear zone.,subvert.30m.long.Calc.vnlets.,diss.py.
90 PIR 017	17	F	SHALE	20% py.
90 PIR 018	4	F	GRANITE	Tr. py.
90 PIR 019	5	F	GRANITE	Tr. py.
90 PIR 020	21	C	FAULT GOUGE	Rusty
90 PIR 021	155	C	SILTSTONE	Py.,tr cpy.
90 PIR 002	89	C	WACKE	Sil. py.
90 PIR 007	14	C	WACKE	Sil. py.
90 PIR 015	260	F	QTZ	Trans.partly vuggy, massive
90 PIR 016	6380	F	QTZ	Massive qtz. wth.course py.
90 PCR-061	118	F	EPID?	Diss.py.
90 PCR-062	44	F	QTZ ALT?	Fracs.wth.py.fillings
90 PCR-063	3	F	MEGAXTIC SYENITE	Diss.sulps.
90 PCR-064	44	F	MEGAXTIC SYENITE	Qx.frac.wth.diss.py.
90 PCR-065	21	F	CHL SIL?	Diss.py.,po.
90 PCR-066	26	F	CHL SIL?	Poss.vein, wth.py.
90 PCR-067	128	G	QTZ.VEIN	Visible py.and po.Up to 3% sulps.
90 PGR-037	10	C	QTZ-CARB.VEIN	12cm. wide. N.V.M.
90 PGR-038	8	C	QTZ-CARB.VEIN	As 90PGR-037 but up to 5% patchy py.
90 PGR-039	1	C	METASED.	Sil.cherty wth.tr.py.
90 PGR-040	2	C	SHALE	Strongly pyritised,in contact with 90PGR-039
90 PGR-041	32	C	QTZ-CARB.BRECC.	1m. wide zone N.V.M.
90 PGR-042	12	C	FELS.POR.INT.	5% py.
90 PGR-043	5	F	QTZ-CARB.BRECC.	With 10% sulps. Azurite stained.
90 PGR-044	1	C	FAULT BRECCIA	20cm. wide fault fill N.V.M.
90 PGR-045	1	C	FAULT BRECCIA	20cm. wide fault fill,5% py.
90 PGR-046	1	F	METASED.	Sil. cherty metased.,wth. py.in veinlets
90 PGR-047	16	F	METASED.	Sil.,cherty,wth.py.in veinlets.Up to 15% diss. sulps.
90 PGR-048	1	F	METASED.	Sil.,cherty,wth.py.in veinlets.Up to 5% sulps.Strong sil.
90 PGR-049	1	C	METASED.	Py.,cherty.Folded, amp=3-6m.Hinge zone sample,sil.and py.
90 PGR-050	1	C	QTZ-CARB.VEIN	1m. wide cuts 90PGR-049 as fault fill. Trends 020\70SE.
90 PGR-051	1	F	METASED.	Cherty, epidotised, 5% diss. sulps.
90 PGR-051A	3	C	FAULT BRECCIA.	Several m. wide in blck. argillites. Strongly pyritic
90 PGR-052	69	C	SHALE	Sil. in contact wth. por. syenite. Strongly py.
90 PGR-053	65	C	FAULT FILL	30% sulps. in a brecc. shear zone, trends 060, width 20cm.
90 PGR-054	94	C	GOSSAN	Vuggy,limonitic on 90PGR-053
90 PGR-055	30	C	ARGILLITE	Py.,blck. As xenos in pink syenite.Malachite stained,rotted
90 PGR-056	14	C	SYENITE	Pink xtalline rotted.
90 PGR-057	2	C	SYENITE	As 90PGR-056 but wth. epidote alt.and tr. malachite,5%py.
90 PGR-058	26	C	ARGILLITE	Contact wth.syenite. Rusty,calcite intro.,up to 10% sulps.
90 PGR-059	1	C	SYENITE	Deep salmon pink,weathered, epidote alt.
90 PIR-027	2	F	CHERT	5% py., po.

SAMPLE NUMBER	GOLD(PPB)	SAMPLE TYPE	ROCK TYPE	DESCRIPTION
90 PIR-026	1	F	GOSSAN	Vuggy, limonitic qtz-carb. gossan, on fault fill?
90 PIR-030	11	F	WACKE	Pyritic, 30% sulps.
90 PIR-035	1110	C	ARGILLITE	Malachite stained black shale.
90 PIR-036	66	F	GOSSAN	Limonitic , strongly py.
90 PIR 023	50	F	MASS.SULP.	60% sulps, coarse gr. py.
90 PIR 031	11	F	CHERT	Sil.chert wth. 40% sulps.
90 PIR 032	9000	F	QTZ.	Grey, milky, 30% sulps. inc. tr. cpy.
90 PIR 034	24	F	SYENITE	Pink alt. syenite wth. up to 10% sulps.
90TSR-001	100	F	WACKE	Weakly hornfelsed, mixed py. po.
90TSR-002	430	G	?FERRICRETE	Locally banded po. and py., vein or replacement.
90TSR-003	210	G	VEIN MAT.	Cream coloured vein of qtz. and minor dolomite. 4spy.
90IRSR-001	11	C	SEDIMENTARY.	Bleached, wth. rusty patches up to 5% py.
90IGR-005	12	CH	QTZ-CARB VEIN	10cm. wide limonitic
90IGR-006	31	CH	QTZ-CARB VEIN	70cm. wide , brecciated.
90IGR-007	53	CH	QTZ-CARB VEIN	80cm. wide
90IGR-008	7	CH	QTZ-CARB VEIN	40cm. wide
90IGR-009	76	CH	QTZ-CARB VEIN	40cm. wide
90IGR-010	12	CH	QTZ-CARB VEIN	60cm. wide
90IGR-011	4	CH	CARB.WACKE	75cm. wide brecciated zone , carbonated
90IGR-012	7	CH	QTZ-CARB.VNLET.	6cm. wide calcite vnlet., sil.and hem.
90IGR-013	1	C	WACKE	Limonitic
90IGR-014	4	C	BRECCIA	Calcite and qtz. veining
90IGR-015	7	C	BRECCIA	Limonitic
90IGR-016	3	F	SILTSTONE?	Alt., py.
90IGR-017	1	F	QTZ.VEIN	Milky white, hem. stained
90IGR-018	2	F	CHERT	Grey, sil.wth. 10% diss. py.
90IGR-019	3	F	SYENITE	Megaxtic, ep. alt., tr. py.and cpy.
90IRSR-009	3	C	SHALE	10cm. wide bed of orange shale? Lim. and qtz. vnlets.
90IGR-001	2	F	QTZ-CARB.	Ferr., tr. py.
90IGR-002	1	F	QTZ.BRECC.	Clasts of qtz. and argillite, tr py.
90IGR-003	24	C	CARB.-QTZ.VEIN	Fe-stained, cm. sized
90IGR-004	1	C	DIORITE	Med. gr. feld.por., ferr.and carb.
90IRSR-002	1	C	SILTSTONE	Grey-green, lam., sil., rusty, po.blebs
90IRSR-003	4	C	FELSIC DYKE	Light grey in bleached siltstone
90IRSR-004	1	C	? DYKE	Bleached, py.and po., 4% diss. Fe-carb.
90IRSR-005	8	C	FAULT GOUGE	Rotten, rusty, wth., qtz.and py. vein mat.
90IRSR-006	5	C	FAULT MAT.	As 90IRSR-005 but brittle and shattered
90IRSR-007	4	C	CHERT?	Rusty up to 10% v.f.g. diss. py.
90IRSR-008	2	C	SEDIMENTARY	Qtz. veinlets, tr. py. in zone
90 PQGR-010	5	F	TUFF	Wth. diss. po.
90 PQGR-012	1	F	WACKE	Wth sulps.
90 PQGR-013	17	F	WACKE	Wth sulps.
90 PQGR-014	3	F	ALT.WACKE	Wth. sulps., dense
90 PDR 005	44	F		No description
90 PDR 006	25			No description
90 PDR 007	20	C		No description
90 PDR 008	7			No description
90 PDR 009	27			No description
90 PDR 010	15			No description
90 PDR 011	18	F		No description
90 PDR 012	380			No description
90TGR-001	13	C	SILTSTONE	Grey-green, lam., wth. 1% py. and po.

SAMPLE NUMBER	GOLD(PPB)	SAMPLE TYPE	ROCK TYPE	DESCRIPTION
90TGR-002	27	C	MASS.SULP.	Pod 2m.by 1m. max.in epid.alt wacke. Mainly py. and po.
90TGR-003	4	C	ARGILLITE	Py.,rusty,at contact wth.gndiorite.dyke
90TGR-004	19	C	GOSSAN	Origin argillite,sheared,rusty pods,calcite vnlets.
90TGR-005	96	C	GOSSAN	Limonitic,rotten,carb.,py.
90TGR-006	26	C	QTZ.-CARB.BRECC.	Consists of siltstone,chert,lmst.,limonitic staining
90TGR-007	13	CH	QTZ.-CARB.VEIN	1.8m. wide,brecciated.
90TGR-008	4	CH	QTZ.-CARB.VEIN	80cm.wide,limonitic
90TGR-009	16	CH	QTZ.-CARB.VEIN	3.1m.,limonitic

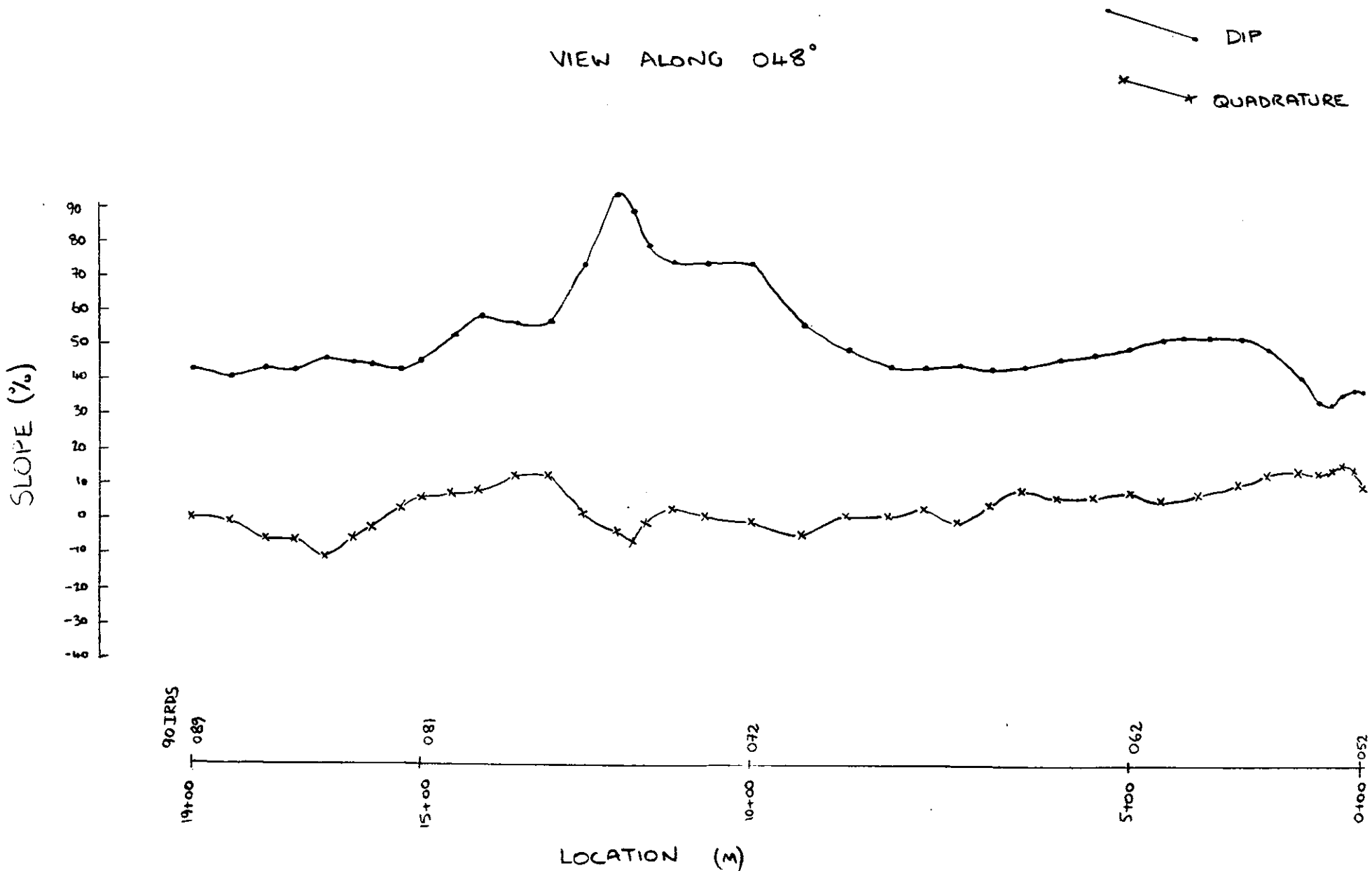
APPENDIX V

Geophysical Data

VLF PROFILE ON SOIL LINE I.R. # 1

(24.8 kHz Seattle) 90 IRDS 052 to 089 OCT-90

VIEW ALONG 048°



VLF PROFILE on SOIL LINE

(24.8 kHz Seattle)

90-IRDS-022 to 032

90-IRDS-041 to 050

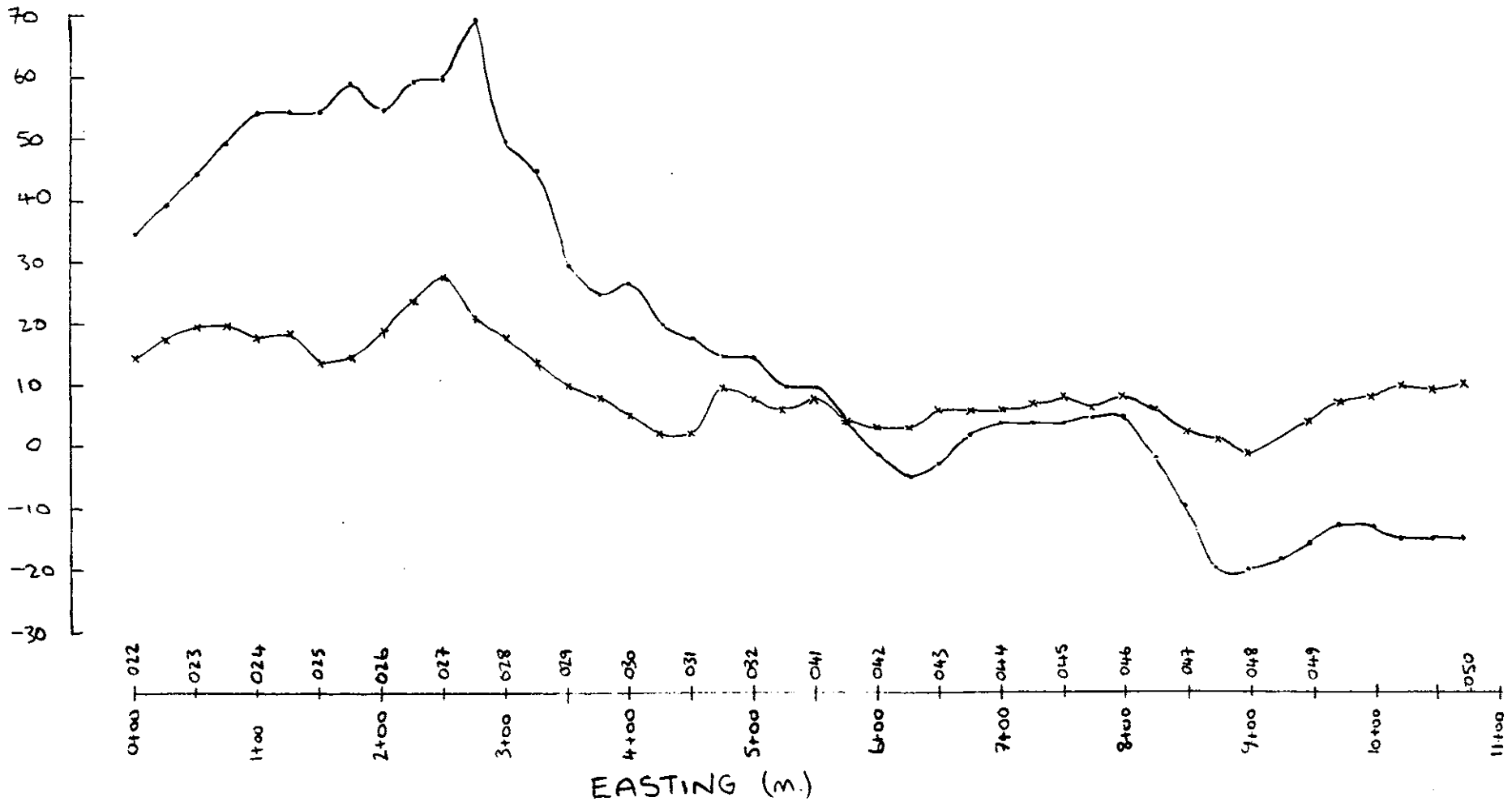
I.R. #1

OCT-90

DIP

QUADRATURE

VIEW ALONG 010°



VLF PROFILE

(24.8 kHz Seattle)

ON SOIL LINE

90 IRDS - 129 to 156

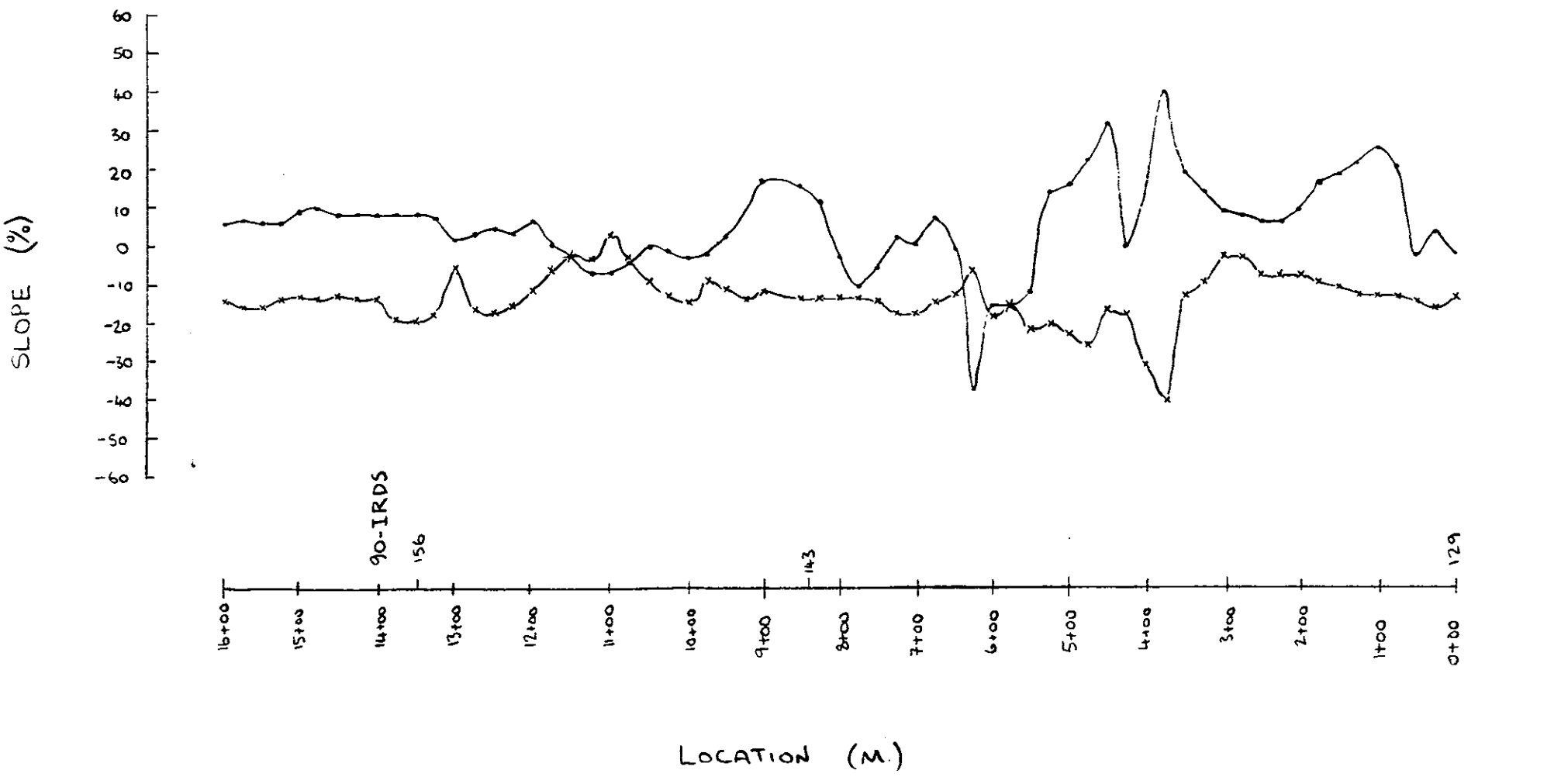
VIEW TO NORTH

IR # 8

OCT - 90

DIP

QUADRATURE



APPENDIX VI

Statistical Data

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = COPPER Unit = PPM N = 674

Mean =	206.709	Min =	14.000	1st Quartile =	104.000
Std. Dev. =	172.725	Max =	2191.000	Median =	183.000
CV % =	83.559	Skewness =	4.308	3rd Quartile =	259.000

%	cum %	cls int	(# of bins = 29 - bin size = 77.750)	
0.00	0.07	-24.875		
11.28	11.33	52.875	******************************	
22.85	34.15	130.625	****************************** -->	58
25.82	59.93	208.375	****************************** -->	66
20.92	80.81	286.125	****************************** -->	53
9.35	90.15	363.875	************************	
4.30	94.44	441.625	**********	
1.93	96.37	519.375	*****	
1.04	97.41	597.125	***	
0.45	97.85	674.875	*	
0.30	98.15	752.625	*	
0.59	98.74	830.375	**	
0.45	99.19	908.125	*	
0.30	99.48	985.875	*	
0.15	99.63	1063.625		
0.00	99.63	1141.375		
0.00	99.63	1219.125		
0.00	99.63	1296.875		
0.00	99.63	1374.625		
0.00	99.63	1452.375		
0.00	99.63	1530.125		
0.00	99.63	1607.875		
0.00	99.63	1685.625		
0.15	99.78	1763.375		
0.00	99.78	1841.125		
0.00	99.78	1918.875		
0.00	99.78	1996.625		
0.00	99.78	2074.375		
0.00	99.78	2152.125		
0.15	99.93	2229.875		

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

14:10:08 IR SOILS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = COPPER Unit = PPM N = 674

Mean =	2.2001	Min =	1.1461	1st Quartile =	2.0170
Std. Dev. =	0.3300	Max =	3.3406	Median =	2.2625
CV % =	15.0005	Skewness =	-0.4171	3rd Quartile =	2.4133

Anti-Log Mean = 158.543 Anti-Log Std. Dev. : (-) 74.151
(+) 338.986

%	cum %	antilog	cls int	(# of bins = 29 - bin size = 0.0784)
0.00	0.07	12.792	1.1069	
0.15	0.22	15.322	1.1853	
0.00	0.22	18.352	1.2637	
0.30	0.52	21.982	1.3421	*
1.04	1.56	26.329	1.4204	***
1.34	2.89	31.537	1.4988	***
2.52	5.41	37.774	1.5772	******
3.41	8.81	45.245	1.6556	*********
3.26	12.07	54.193	1.7339	********
1.48	13.56	64.911	1.8123	****
3.86	17.41	77.749	1.8907	**********
4.45	21.85	93.126	1.9691	**********
6.53	28.37	111.544	2.0474	**********
6.38	34.74	133.605	2.1258	**********
7.12	41.85	160.029	2.2042	**********
12.76	54.59	191.678	2.2826	**********
12.02	66.59	229.588	2.3609	**********
11.72	78.30	274.994	2.4393	**********
9.20	87.48	329.382	2.5177	**********
4.45	91.93	394.525	2.5961	**********
3.12	95.04	472.553	2.6745	********
2.08	97.11	566.013	2.7528	*****
0.74	97.85	677.956	2.8312	**
0.74	98.59	812.039	2.9096	**
0.89	99.48	972.641	2.9880	**
0.15	99.63	1165.006	3.0663	
0.00	99.63	1395.416	3.1447	
0.00	99.63	1671.395	3.2231	
0.15	99.78	2001.956	3.3015	
0.15	99.93	2397.895	3.3798	

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

14:11:39 IR SOILS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = LEAD Unit = PPM N = 674

Mean =	16.869	Min =	2.000	1st Quartile =	7.000
Std. Dev. =	43.437	Max =	1022.000	Median =	11.000
CV % =	257.492	Skewness =	18.953	3rd Quartile =	17.000

%	cum %	cls int	(# of bins = 29 - bin size = 36.429)
0.00	0.07	-16.214	
83.38	83.33	20.214	********** --> 212
13.95	97.26	56.643	*******
1.48	98.74	93.071	****
0.45	99.19	129.500	*
0.15	99.33	165.929	
0.15	99.48	202.357	
0.30	99.78	238.786	*
0.00	99.78	275.214	
0.00	99.78	311.643	
0.00	99.78	348.071	
0.00	99.78	384.500	
0.00	99.78	420.929	
0.00	99.78	457.357	
0.00	99.78	493.786	
0.00	99.78	530.214	
0.00	99.78	566.643	
0.00	99.78	603.071	
0.00	99.78	639.500	
0.00	99.78	675.929	
0.00	99.78	712.357	
0.00	99.78	748.786	
0.00	99.78	785.214	
0.00	99.78	821.643	
0.00	99.78	858.071	
0.00	99.78	894.500	
0.00	99.78	930.929	
0.00	99.78	967.357	
0.00	99.78	1003.786	
0.15	99.93	1040.214	

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = LEAD Unit = PPM N = 674

Mean =	1.0273	Min =	0.3010	1st Quartile =	0.8451
Std. Dev. =	0.3724	Max =	3.0095	Median =	1.0414
CV % =	36.2489	Skewness =	0.2288	3rd Quartile =	1.2304

Anti-Log Mean = 10.649 Anti-Log Std. Dev. : (-) 4.518
(+) 25.101

%	cum %	antilog	cls int	(# of bins = 29 - bin size = 0.0967)
0.00	0.07	1.789	0.2527	
8.31	8.37	2.236	0.3494	**********
0.00	8.37	2.793	0.4461	
3.26	11.63	3.490	0.5429	********
3.56	15.19	4.361	0.6396	*********
3.71	18.89	5.449	0.7363	*********
4.01	22.89	6.808	0.8330	**********
11.13	34.00	8.507	0.9298	**********
11.87	45.85	10.629	1.0265	**********
15.43	61.26	13.281	1.1232	**********
12.17	73.41	16.594	1.2200	**********
9.94	83.33	20.734	1.3167	**********
5.79	89.11	25.907	1.4134	**********
2.52	91.63	32.370	1.5101	******
2.67	94.30	40.446	1.6069	*******
2.23	96.52	50.536	1.7036	******
1.19	97.70	63.144	1.8003	***
0.74	98.44	78.898	1.8971	**
0.30	98.74	98.581	1.9938	*
0.45	99.19	123.175	2.0905	*
0.15	99.33	153.905	2.1873	
0.15	99.48	192.301	2.2840	
0.30	99.78	240.276	2.3807	*
0.00	99.78	300.220	2.4774	
0.00	99.78	375.119	2.5742	
0.00	99.78	468.704	2.6709	
0.00	99.78	585.636	2.7676	
0.00	99.78	731.740	2.8644	
0.00	99.78	914.295	2.9611	
0.15	99.93	1142.393	3.0578	

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

14:13:38 IR SOILS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = ZINC Unit = PPM N = 674

Mean =	195.815	Min =	19.000	1st Quartile =	106.000
Std. Dev. =	179.968	Max =	2389.000	Median =	150.000
CV % =	91.907	Skewness =	5.804	3rd Quartile =	226.000

%	cum %	cls int	(# of bins = 29 - bin size = 84.643)	
0.00	0.07	-23.321		
2.67	2.74	61.321	*******	
45.55	48.22	145.964	**********	--> 116
27.74	75.93	230.607	**********	--> 71
12.91	88.81	315.250	**********	
4.60	93.41	399.893	**********	
2.52	95.93	484.536	******	
1.63	97.56	569.179	****	
0.30	97.85	653.821	*	
0.59	98.44	738.464	**	
0.30	98.74	823.107	*	
0.30	99.04	907.750	*	
0.00	99.04	992.393		
0.00	99.04	1077.036		
0.15	99.19	1161.679		
0.15	99.33	1246.321		
0.15	99.48	1330.964		
0.15	99.63	1415.607		
0.00	99.63	1500.250		
0.00	99.63	1584.893		
0.00	99.63	1669.536		
0.00	99.63	1754.179		
0.00	99.63	1838.821		
0.00	99.63	1923.464		
0.15	99.78	2008.107		
0.00	99.78	2092.750		
0.00	99.78	2177.393		
0.00	99.78	2262.036		
0.00	99.78	2346.679		
0.15	99.93	2431.321		

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

14:13:55 IR SOILS 11/19/90

##

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = ZINC Unit = PPM N = 674

Mean =	2.2041	Min =	1.2788	1st Quartile =	2.0253
Std. Dev. =	0.2534	Max =	3.3782	Median =	2.1761
CV % =	11.4990	Skewness =	0.6785	3rd Quartile =	2.3541

Anti-Log Mean = 159.993 Anti-Log Std. Dev. : (-) 89.259
(+) 286.780

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%	cum %	antilog	cls int	(# of bins = 29 - bin size = 0.0750)
0.00	0.07	17.429	1.2413	
0.15	0.22	20.713	1.3162	
0.00	0.22	24.616	1.3912	
0.15	0.37	29.255	1.4662	
0.00	0.37	34.769	1.5412	
0.45	0.81	41.321	1.6162	*
0.45	1.26	49.108	1.6911	*
0.89	2.15	58.362	1.7661	**
2.37	4.52	69.360	1.8411	******
4.45	8.96	82.431	1.9161	**********
9.20	18.15	97.965	1.9911	**********
11.28	29.41	116.427	2.0661	**********
15.73	45.11	138.367	2.1410	********** --> 40
12.91	58.00	164.442	2.2160	**********
10.24	68.22	195.431	2.2910	**********
7.72	75.93	232.260	2.3660	**********
7.42	83.33	276.030	2.4410	**********
6.82	90.15	328.048	2.5159	**********
3.12	93.26	389.868	2.5909	********
2.23	95.48	463.339	2.6659	******
1.63	97.11	550.655	2.7409	****
0.74	97.85	654.425	2.8159	**
0.74	98.59	777.752	2.8908	**
0.45	99.04	924.319	2.9658	*
0.00	99.04	1098.506	3.0408	
0.30	99.33	1305.519	3.1158	*
0.30	99.63	1551.544	3.1908	*
0.00	99.63	1843.932	3.2657	
0.15	99.78	2191.421	3.3407	
0.15	99.93	2604.393	3.4157	

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0 1 2 3 4

Each "*" represents approximately 2.6 observations.

##

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = SILVER Unit = PPM N = 674

Mean =	0.648	Min =	0.100	1st Quartile =	0.200
Std. Dev. =	0.813	Max =	9.000	Median =	0.500
CV % =	125.587	Skewness =	5.689	3rd Quartile =	0.800

%	cum %	cls int	(# of bins = 29 - bin size = 0.318)	
0.00	0.07	-0.059		
27.45	27.48	0.259	********** -->	70
30.42	57.85	0.577	********** -->	77
21.51	79.33	0.895	********** -->	55
10.39	89.70	1.212	**********	
4.01	93.70	1.530	**********	
2.23	95.93	1.848	******	
0.89	96.81	2.166	**	
0.89	97.70	2.484	**	
0.45	98.15	2.802	*	
0.30	98.44	3.120	*	
0.30	98.74	3.437	*	
0.15	98.89	3.755		
0.00	98.89	4.073		
0.15	99.04	4.391		
0.00	99.04	4.709		
0.15	99.19	5.027		
0.00	99.19	5.345		
0.15	99.33	5.662		
0.00	99.33	5.980		
0.15	99.48	6.298		
0.00	99.48	6.616		
0.00	99.48	6.934		
0.00	99.48	7.252		
0.00	99.48	7.570		
0.15	99.63	7.887		
0.00	99.63	8.205		
0.00	99.63	8.523		
0.00	99.63	8.841		
0.30	99.93	9.159	*	

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

14:14:49 IR SOILS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = SILVER Unit = PPM N = 674

Mean =	-0.3634	Min =	-1.0000	1st Quartile =	-0.6990
Std. Dev. =	0.3810	Max =	0.9542	Median =	-0.3010
CV % =	104.8480	Skewness =	0.1102	3rd Quartile =	-0.0969

Anti-Log Mean = 0.433 Anti-Log Std. Dev. : (-) 0.180
(+) 1.041

%	cum %	antilog	cls int	(# of bins = 29 - bin size = 0.0698)
0.00	0.07	0.092	-1.0349	
13.50	13.56	0.108	-0.9651	**********
0.00	13.56	0.127	-0.8953	
0.00	13.56	0.149	-0.8255	
0.00	13.56	0.176	-0.7557	
13.95	27.48	0.206	-0.6859	**********
0.00	27.48	0.242	-0.6161	
0.00	27.48	0.284	-0.5463	
10.09	37.56	0.334	-0.4765	**********
0.00	37.56	0.392	-0.4067	
11.57	49.11	0.460	-0.3370	**********
8.75	57.85	0.541	-0.2672	**********
8.16	66.00	0.635	-0.1974	**********
7.86	73.85	0.745	-0.1276	**********
5.49	79.33	0.875	-0.0578	**********
7.12	86.44	1.028	0.0120	**********
3.26	89.70	1.207	0.0818	********
2.97	92.67	1.418	0.1516	********
1.78	94.44	1.665	0.2214	*****
1.93	96.37	1.955	0.2912	*****
0.89	97.26	2.296	0.3610	**
0.74	98.00	2.696	0.4308	**
0.45	98.44	3.166	0.5006	*
0.45	98.89	3.719	0.5704	*
0.15	99.04	4.367	0.6402	
0.15	99.19	5.128	0.7100	
0.15	99.33	6.022	0.7798	
0.15	99.48	7.072	0.8496	
0.15	99.63	8.305	0.9193	
0.30	99.93	9.753	0.9891	*

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

14:15:47 IR SOILS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = ARSENIC Unit = PPM N = 674

Mean =	27.352	Min =	2.000	1st Quartile =	9.000
Std. Dev. =	61.697	Max =	771.000	Median =	15.000
CV % =	225.571	Skewness =	8.543	3rd Quartile =	25.000

%	cum %	cls int	(# of bins = 29 - bin size = 27.464)	
0.00	0.07	-11.732		
50.89	50.89	15.732	**********	--> 130
38.72	89.56	43.196	**********	--> 99
5.79	95.33	70.661	**********	
1.48	96.81	98.125	****	
0.30	97.11	125.589	*	
0.89	98.00	153.054	**	
0.45	98.44	180.518	*	
0.30	98.74	207.982	*	
0.00	98.74	235.446		
0.00	98.74	262.911		
0.30	99.04	290.375	*	
0.00	99.04	317.839		
0.15	99.19	345.304		
0.00	99.19	372.768		
0.00	99.19	400.232		
0.00	99.19	427.696		
0.15	99.33	455.161		
0.00	99.33	482.625		
0.00	99.33	510.089		
0.00	99.33	537.554		
0.00	99.33	565.018		
0.15	99.48	592.482		
0.00	99.48	619.946		
0.00	99.48	647.411		
0.00	99.48	674.875		
0.00	99.48	702.339		
0.30	99.78	729.804	*	
0.00	99.78	757.268		
0.15	99.93	784.732		

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

14:16:03 IR SOILS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = ARSENIC Unit = PPM N = 674

Mean =	1.1802	Min =	0.3010	1st Quartile =	0.9542
Std. Dev. =	0.4182	Max =	2.8871	Median =	1.1761
CV % =	35.4351	Skewness =	0.3988	3rd Quartile =	1.3979

Anti-Log Mean = 15.142 Anti-Log Std. Dev. : (-) 5.781
(+) 39.664

%	cum %	antilog	cls int	(# of bins = 29 - bin size = 0.0924)
0.00	0.07	1.798	0.2549	
4.30	4.37	2.224	0.3472	**********
0.00	4.37	2.751	0.4396	
2.82	7.19	3.403	0.5319	*******
3.12	10.30	4.210	0.6243	********
2.52	12.81	5.208	0.7166	******
4.15	16.96	6.442	0.8090	**********
4.30	21.26	7.968	0.9014	**********
6.08	27.33	9.856	0.9937	**********
13.65	40.96	12.192	1.0861	**********
9.94	50.89	15.081	1.1784	**********
8.16	59.04	18.655	1.2708	**********
12.17	71.19	23.075	1.3631	**********
7.12	78.30	28.543	1.4555	**********
6.82	85.11	35.307	1.5479	**********
4.45	89.56	43.674	1.6402	**********
3.12	92.67	54.023	1.7326	********
2.08	94.74	66.825	1.8249	*****
1.48	96.22	82.660	1.9173	****
0.74	96.96	102.248	2.0097	**
0.15	97.11	126.477	2.1020	
0.89	98.00	156.448	2.1944	**
0.45	98.44	193.521	2.2867	*
0.30	98.74	239.379	2.3791	*
0.30	99.04	296.103	2.4714	*
0.15	99.19	366.270	2.5638	
0.15	99.33	453.064	2.6562	
0.00	99.33	560.425	2.7485	
0.15	99.48	693.227	2.8409	
0.45	99.93	857.499	2.9332	*

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

14:16:39 IR SOILS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = GOLD Unit = PPB N = 674

Mean =	44.865	Min =	1.000	1st Quartile =	5.000
Std. Dev. =	163.255	Max =	2040.000	Median =	12.000
CV % =	363.882	Skewness =	8.358	3rd Quartile =	25.000

%	cum %	cls int	(# of bins = 29 - bin size = 72.821)
0.00	0.07	-35.411	
85.61	85.56	37.411	********** --> 218
8.61	94.15	110.232	**********
1.63	95.78	183.054	****
0.45	96.22	255.875	*
0.74	96.96	328.696	**
0.74	97.70	401.518	**
0.15	97.85	474.339	
0.30	98.15	547.161	*
0.59	98.74	619.982	**
0.00	98.74	692.804	
0.15	98.89	765.625	
0.15	99.04	838.446	
0.15	99.19	911.268	
0.00	99.19	984.089	
0.00	99.19	1056.911	
0.15	99.33	1129.732	
0.00	99.33	1202.554	
0.15	99.48	1275.375	
0.00	99.48	1348.196	
0.00	99.48	1421.018	
0.00	99.48	1493.839	
0.00	99.48	1566.661	
0.00	99.48	1639.482	
0.15	99.63	1712.304	
0.00	99.63	1785.125	
0.00	99.63	1857.946	
0.00	99.63	1930.768	
0.15	99.78	2003.589	
0.15	99.93	2076.411	

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = GOLD Unit = PPB N = 674

Mean =	1.0761	Min =	0.0000	1st Quartile =	0.6990
Std. Dev. =	0.6132	Max =	3.3096	Median =	1.0792
CV % =	56.9831	Skewness =	0.4426	3rd Quartile =	1.3979

Anti-Log Mean = 11.916 Anti-Log Std. Dev. : (-) 2.903
(+) 48.902

(# of bins = 29 - bin size = 0.1182)

%	cum %	antilog	cls int	
0.00	0.07	0.873	-0.0591	
9.64	9.70	1.146	0.0591	**************************
0.00	9.70	1.504	0.1773	
0.00	9.70	1.975	0.2955	
4.75	14.44	2.592	0.4137	**********
3.26	17.70	3.403	0.5319	********
4.15	21.85	4.468	0.6501	**********
3.71	25.56	5.866	0.7683	*********
6.82	32.37	7.700	0.8865	*****************
12.46	44.81	10.109	1.0047	**********************************
8.75	53.56	13.271	1.1229	**********************
9.20	62.74	17.423	1.2411	************************
9.20	71.93	22.872	1.3593	************************
8.46	80.37	30.027	1.4775	**********************
6.23	86.59	39.420	1.5957	*****************
2.37	88.96	51.751	1.7139	******
2.67	91.63	67.939	1.8321	*******
1.63	93.26	89.190	1.9503	****
0.89	94.15	117.090	2.0685	**
1.04	95.19	153.716	2.1867	***
0.59	95.78	201.800	2.3049	**
0.59	96.37	264.924	2.4231	**
0.89	97.26	347.795	2.5413	**
0.59	97.85	456.588	2.6595	**
0.89	98.74	599.412	2.7777	**
0.15	98.89	786.912	2.8959	
0.30	99.19	1033.065	3.0141	*
0.30	99.48	1356.215	3.1323	*
0.15	99.63	1780.449	3.2505	
0.30	99.93	2337.387	3.3687	*

0 1 2 3 4

Each "*" represents approximately 2.6 observations.

14:18:33 IR SILTS 11/19/90

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SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = COPPER Unit = PPM N = 45

Mean =	276.778	Min =	19.000	1st Quartile =	135.000
Std. Dev. =	234.793	Max =	1326.000	Median =	209.000
CV % =	84.831	Skewness =	2.381	3rd Quartile =	343.250

%	cum %	cls int	(# of bins = 17 - bin size = 81.687)
0.00	1.09	-21.844	
4.44	5.43	59.844	**
26.67	31.52	141.531	**********
24.44	55.43	223.219	**********
11.11	66.30	304.906	*****
11.11	77.17	386.594	*****
8.89	85.87	468.281	****
4.44	90.22	549.969	**
2.22	92.39	631.656	*
2.22	94.57	713.344	*
0.00	94.57	795.031	
2.22	96.74	876.719	*
0.00	96.74	958.406	
0.00	96.74	1040.094	
0.00	96.74	1121.781	
0.00	96.74	1203.469	
0.00	96.74	1285.156	
2.22	98.91	1366.844	*

0 1 2 3 4

##########

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = COPPER Unit = PPM N = 45

Mean =	2.3203	Min =	1.2788	1st Quartile =	2.1303
Std. Dev. =	0.3368	Max =	3.1225	Median =	2.3201
CV % =	14.5171	Skewness =	-0.3123	3rd Quartile =	2.5356

Anti-Log Mean = 209.097 Anti-Log Std. Dev. : (-) 96.272
(+) 454.146

(# of bins = 17 - bin size = 0.1152)

%	cum %	antilog	cls int	
0.00	1.09	16.639	1.2211	
2.22	3.26	21.696	1.3364	*
0.00	3.26	28.288	1.4516	
0.00	3.26	36.885	1.5668	
0.00	3.26	48.093	1.6821	
2.22	5.43	62.708	1.7973	*
6.67	11.96	81.763	1.9126	***
0.00	11.96	106.609	2.0278	
17.78	29.35	139.005	2.1430	********
15.56	44.57	181.245	2.2583	*******
15.56	59.78	236.322	2.3735	*******
6.67	66.30	308.135	2.4887	***
13.33	79.35	401.770	2.6040	******
11.11	90.22	523.859	2.7192	*****
4.44	94.57	683.048	2.8345	**
2.22	96.74	890.611	2.9497	*
0.00	96.74	1161.248	3.0649	
2.22	98.91	1514.126	3.1802	*

0 1 2 3 4

14:19:08 IR SILTS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = LEAD Unit = PPM N = 45

Mean =	9.356	Min =	2.000	1st Quartile =	6.000
Std. Dev. =	3.972	Max =	21.000	Median =	9.000
CV % =	42.460	Skewness =	0.559	3rd Quartile =	11.250

%	cum %	cls int	(# of bins = 17 - bin size = 1.188)
0.00	1.09	1.406	
2.22	3.26	2.594	*
2.22	5.43	3.781	*
2.22	7.61	4.969	*
22.22	29.35	6.156	**********
8.89	38.04	7.344	****
4.44	42.39	8.531	**
8.89	51.09	9.719	****
11.11	61.96	10.906	*****
17.78	79.35	12.094	********
6.67	85.87	13.281	***
4.44	90.22	14.469	**
4.44	94.57	15.656	**
0.00	94.57	16.844	
2.22	96.74	18.031	*
0.00	96.74	19.219	
0.00	96.74	20.406	
2.22	98.91	21.594	*

0 1 2 3 4

14:19:16 IR SILTS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = LEAD Unit = PPM N = 45

Mean =	0.9284	Min =	0.3010	1st Quartile =	0.7782
Std. Dev. =	0.2052	Max =	1.3222	Median =	0.9542
CV % =	22.0980	Skewness =	-0.7044	3rd Quartile =	1.0508

Anti-Log Mean = 8.480 Anti-Log Std. Dev. : (-) 5.287
(+) 13.600

%	cum %	antilog	cls int	(# of bins = 17 - bin size = 0.0638)
0.00	1.09	1.858	0.2691	
2.22	3.26	2.152	0.3329	*
0.00	3.26	2.493	0.3968	
0.00	3.26	2.888	0.4606	
2.22	5.43	3.345	0.5244	*
0.00	5.43	3.875	0.5882	
2.22	7.61	4.488	0.6521	*
11.11	18.48	5.199	0.7159	*****
11.11	29.35	6.022	0.7797	*****
0.00	29.35	6.975	0.8435	
13.33	42.39	8.079	0.9074	******
8.89	51.09	9.358	0.9712	****
11.11	61.96	10.840	1.0350	*****
17.78	79.35	12.556	1.0988	********
11.11	90.22	14.543	1.1627	*****
4.44	94.57	16.845	1.2265	**
2.22	96.74	19.512	1.2903	*
2.22	98.91	22.601	1.3541	*

0 1 2 3 4

14:19:43 IR SILTS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = ZINC Unit = PPM N = 45

Mean =	151.111	Min =	54.000	1st Quartile =	103.750
Std. Dev. =	73.462	Max =	383.000	Median =	134.000
CV % =	48.614	Skewness =	1.166	3rd Quartile =	170.000

%	cum %	cls int	(# of bins = 17 - bin size = 20.562)
0.00	1.09	43.719	
4.44	5.43	64.281	**
11.11	16.30	84.844	*****
11.11	27.17	105.406	*****
17.78	44.57	125.969	********
20.00	64.13	146.531	*********
6.67	70.65	167.094	***
6.67	77.17	187.656	***
2.22	79.35	208.219	*
0.00	79.35	228.781	
6.67	85.87	249.344	***
4.44	90.22	269.906	**
4.44	94.57	290.469	**
2.22	96.74	311.031	*
0.00	96.74	331.594	
0.00	96.74	352.156	
0.00	96.74	372.719	
2.22	98.91	393.281	*

0 1 2 3 4

14:19:49 IR SILTS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = ZINC Unit = PPM N = 45

Mean =	2.1339	Min =	1.7324	1st Quartile =	2.0159
Std. Dev. =	0.1990	Max =	2.5832	Median =	2.1270
CV % =	9.3242	Skewness =	0.1664	3rd Quartile =	2.2304

Anti-Log Mean = 136.124 Anti-Log Std. Dev. : (-) 86.092
(+) 215.231

%	cum %	antilog	cls int	(# of bins = 17 - bin size = 0.0532)
0.00	1.09	50.793	1.7058	
4.44	5.43	57.409	1.7590	**
0.00	5.43	64.887	1.8122	
4.44	9.78	73.339	1.8653	**
6.67	16.30	82.891	1.9185	***
2.22	18.48	93.688	1.9717	*
8.89	27.17	105.891	2.0249	****
13.33	40.22	119.683	2.0780	******
8.89	48.91	135.272	2.1312	****
20.00	68.48	152.892	2.1844	*********
4.44	72.83	172.806	2.2376	**
6.67	79.35	195.315	2.2907	***
0.00	79.35	220.755	2.3439	
6.67	85.87	249.508	2.3971	***
6.67	92.39	282.007	2.4503	***
4.44	96.74	318.739	2.5034	**
0.00	96.74	360.256	2.5566	
2.22	98.91	407.180	2.6098	*

0 1 2 3 4

14:20:47 IR SILTS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = SILVER Unit = PPM N = 45

Mean =	0.489	Min =	0.100	1st Quartile =	0.300
Std. Dev. =	0.321	Max =	1.500	Median =	0.350
CV % =	65.591	Skewness =	1.097	3rd Quartile =	0.625

%	cum %	cls int	(# of bins = 17 - bin size = 0.088)
0.00	1.09	0.056	
8.89	9.78	0.144	****
11.11	20.65	0.231	*****
28.89	48.91	0.319	**********
8.89	57.61	0.406	****
0.00	57.61	0.494	
4.44	61.96	0.581	**
11.11	72.83	0.669	*****
8.89	81.52	0.756	****
2.22	83.70	0.844	*
6.67	90.22	0.931	***
2.22	92.39	1.019	*
2.22	94.57	1.106	*
0.00	94.57	1.194	
2.22	96.74	1.281	*
0.00	96.74	1.369	
0.00	96.74	1.456	
2.22	98.91	1.544	*

0 1 2 3 4

14:20:55 IR SILTS 11/19/90

##
SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = SILVER Unit = PPM N = 45

Mean =	-0.4034	Min =	-1.0000	1st Quartile =	-0.5229
Std. Dev. =	0.2972	Max =	0.1761	Median =	-0.4604
CV % =	73.6712	Skewness =	-0.2431	3rd Quartile =	-0.2051

Anti-Log Mean = 0.395 Anti-Log Std. Dev. : (-) 0.199
(+) 0.783

%	cum %	antilog	cls int	(# of bins = 17 - bin size = 0.0735)
0.00	1.09	0.092	-1.0368	
8.89	9.78	0.109	-0.9632	****
0.00	9.78	0.129	-0.8897	
0.00	9.78	0.153	-0.8162	
0.00	9.78	0.181	-0.7427	
11.11	20.65	0.214	-0.6692	*****
0.00	20.65	0.254	-0.5957	
28.89	48.91	0.300	-0.5222	**********
0.00	48.91	0.356	-0.4487	
8.89	57.61	0.422	-0.3752	****
0.00	57.61	0.499	-0.3017	
4.44	61.96	0.591	-0.2282	**
20.00	81.52	0.700	-0.1547	*********
2.22	83.70	0.830	-0.0812	*
6.67	90.22	0.982	-0.0077	***
4.44	94.57	1.164	0.0658	**
2.22	96.74	1.378	0.1393	*
2.22	98.91	1.632	0.2128	*

0 1 2 3 4

##

14:21:19 IR SILTS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = ARSENIC Unit = PPM N = 45

Mean =	26.178	Min =	2.000	1st Quartile =	9.000
Std. Dev. =	27.032	Max =	130.000	Median =	17.500
CV % =	103.264	Skewness =	2.147	3rd Quartile =	28.250

%	cum %	cls int	(# of bins = 17 - bin size = 8.000)
0.00	1.09	-2.000	
8.89	9.78	6.000	****
31.11	40.22	14.000	**********
15.56	55.43	22.000	*******
20.00	75.00	30.000	*********
8.89	83.70	38.000	****
4.44	88.04	46.000	**
0.00	88.04	54.000	
0.00	88.04	62.000	
0.00	88.04	70.000	
2.22	90.22	78.000	*
4.44	94.57	86.000	**
0.00	94.57	94.000	
2.22	96.74	102.000	*
0.00	96.74	110.000	
0.00	96.74	118.000	
0.00	96.74	126.000	
2.22	98.91	134.000	*

0 1 2 3 4

14:21:25 IR SILTS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = ARSENIC Unit = PPM N = 45

Mean =	1.2368	Min =	0.3010	1st Quartile =	0.9542
Std. Dev. =	0.4136	Max =	2.1139	Median =	1.2429
CV % =	33.4423	Skewness =	-0.2380	3rd Quartile =	1.4510

Anti-Log Mean = 17.250 Anti-Log Std. Dev. : (-) 6.655
(+) 44.708

%	cum %	antilog	cls int	(# of bins = 17 - bin size = 0.1133)
0.00	1.09	1.755	0.2444	
6.67	7.61	2.279	0.3577	***
0.00	7.61	2.958	0.4710	
0.00	7.61	3.840	0.5843	
2.22	9.78	4.984	0.6976	*
0.00	9.78	6.470	0.8109	
8.89	18.48	8.399	0.9242	****
11.11	29.35	10.902	1.0375	*****
11.11	40.22	14.152	1.1508	*****
11.11	51.09	18.371	1.2641	*****
13.33	64.13	23.848	1.3774	******
13.33	77.17	30.957	1.4908	******
8.89	85.87	40.185	1.6041	****
2.22	88.04	52.164	1.7174	*
0.00	88.04	67.714	1.8307	
6.67	94.57	87.899	1.9440	***
2.22	96.74	114.101	2.0573	*
2.22	98.91	148.114	2.1706	*

0 1 2 3 4

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = GOLD Unit = PPB N = 45

Mean =	46.689	Min =	3.000	1st Quartile =	10.000
Std. Dev. =	82.786	Max =	430.000	Median =	19.500
CV % =	177.314	Skewness =	3.156	3rd Quartile =	32.250

%	cum %	cls int	(# of bins = 17 - bin size = 26.687)
0.00	1.09	-10.344	
37.78	38.04	16.344	**********
44.44	81.52	43.031	**********
4.44	85.87	69.719	**
4.44	90.22	96.406	**
0.00	90.22	123.094	
0.00	90.22	149.781	
0.00	90.22	176.469	
0.00	90.22	203.156	
2.22	92.39	229.844	*
2.22	94.57	256.531	*
2.22	96.74	283.219	*
0.00	96.74	309.906	
0.00	96.74	336.594	
0.00	96.74	363.281	
0.00	96.74	389.969	
0.00	96.74	416.656	
2.22	98.91	443.344	*

0 1 2 3 4

14:22:04 IR SILTS 11/19/90

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SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = GOLD Unit = PPB N = 45

Mean =	1.3414	Min =	0.4771	1st Quartile =	1.0000
Std. Dev. =	0.4807	Max =	2.6335	Median =	1.2899
CV % =	35.8359	Skewness =	0.7716	3rd Quartile =	1.5085

Anti-Log Mean = 21.950 Anti-Log Std. Dev. : (-) 7.256
(+) 66.398

(# of bins = 17 - bin size = 0.1348)

%	cum %	antilog	cls int	
0.00	1.09	2.569	0.4097	
4.44	5.43	3.504	0.5445	**
0.00	5.43	4.778	0.6793	
6.67	11.96	6.517	0.8141	***
6.67	18.48	8.888	0.9488	***
15.56	33.70	12.123	1.0836	*******
4.44	38.04	16.534	1.2184	**
15.56	53.26	22.550	1.3531	*******
15.56	68.48	30.755	1.4879	*******
11.11	79.35	41.945	1.6227	*****
4.44	83.70	57.207	1.7575	**
4.44	88.04	78.023	1.8922	**
2.22	90.22	106.413	2.0270	*
0.00	90.22	145.133	2.1618	
0.00	90.22	197.943	2.2965	
4.44	94.57	269.967	2.4313	**
2.22	96.74	368.199	2.5661	*
2.22	98.91	502.174	2.7009	*

0 1 2 3 4

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14:23:24 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = COPPER Unit = PPM N = 112

Mean =	586.500	Min =	1.000	1st Quartile =	48.000
Std. Dev. =	3116.883	Max =	32765.000	Median =	125.000
CV % =	531.438	Skewness =	9.927	3rd Quartile =	260.000

%	cum %	cls int	(# of bins = 21 - bin size = 1638.200)	
0.00	0.44	-818.100		
89.29	88.94	820.100	**********	--> 71
8.93	97.79	2458.300	*******	
0.00	97.79	4096.500		
0.89	98.67	5734.700	*	
0.00	98.67	7372.900		
0.00	98.67	9011.100		
0.00	98.67	10649.300		
0.00	98.67	12287.500		
0.00	98.67	13925.700		
0.00	98.67	15563.900		
0.00	98.67	17202.100		
0.00	98.67	18840.300		
0.00	98.67	20478.500		
0.00	98.67	22116.700		
0.00	98.67	23754.900		
0.00	98.67	25393.100		
0.00	98.67	27031.300		
0.00	98.67	28669.500		
0.00	98.67	30307.700		
0.00	98.67	31945.900		
0.89	99.56	33584.100	*	

0 1 2 3 4

14:23:35 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = COPPER Unit = PPM N = 112

Mean =	2.0567	Min =	0.0000	1st Quartile =	1.6812
Std. Dev. =	0.6807	Max =	4.5154	Median =	2.0969
CV % =	33.0968	Skewness =	0.2190	3rd Quartile =	2.4150

Anti-Log Mean = 113.941 Anti-Log Std. Dev. : (-) 23.768
(+) 546.230

%	cum %	antilog	cls int	(# of bins = 21 - bin size = 0.2258)
0.00	0.44	0.771	-0.1129	
0.89	1.33	1.297	0.1129	*
0.00	1.33	2.181	0.3387	
0.00	1.33	3.668	0.5644	
1.79	3.10	6.169	0.7902	*
1.79	4.87	10.375	1.0160	*
8.04	12.83	17.448	1.2417	******
7.14	19.91	29.343	1.4675	******
8.04	27.88	49.349	1.6933	******
12.50	40.27	82.995	1.9190	**********
14.29	54.42	139.579	2.1448	**********
17.86	72.12	234.742	2.3706	**********
8.93	80.97	394.785	2.5964	*******
6.25	87.17	663.944	2.8221	*****
5.36	92.48	1116.611	3.0479	****
4.46	96.90	1877.900	3.2737	****
0.89	97.79	3158.224	3.4994	*
0.89	98.67	5311.454	3.7252	*
0.00	98.67	8932.724	3.9510	
0.00	98.67	15022.922	4.1768	
0.00	98.67	25265.327	4.4025	
0.89	99.56	42490.851	4.6283	*

0 1 2 3 4

14:24:10 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = LEAD Unit = PPM N = 112

Mean =	10.143	Min =	2.000	1st Quartile =	3.000
Std. Dev. =	28.570	Max =	295.000	Median =	5.000
CV % =	281.674	Skewness =	9.067	3rd Quartile =	9.000

%	cum %	cls int	(# of bins = 21 - bin size = 14.650)
0.00	0.44	-5.325	
76.79	76.55	9.325	********** --> 61
19.64	96.02	23.975	**********
1.79	97.79	38.625	*
0.00	97.79	53.275	
0.00	97.79	67.925	
0.89	98.67	82.575	*
0.00	98.67	97.225	
0.00	98.67	111.875	
0.00	98.67	126.525	
0.00	98.67	141.175	
0.00	98.67	155.825	
0.00	98.67	170.475	
0.00	98.67	185.125	
0.00	98.67	199.775	
0.00	98.67	214.425	
0.00	98.67	229.075	
0.00	98.67	243.725	
0.00	98.67	258.375	
0.00	98.67	273.025	
0.00	98.67	287.675	
0.89	99.56	302.325	*

0 1 2 3 4

14:24:19 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = LEAD Unit = PPM N = 112

Mean =	0.7485	Min =	0.3010	1st Quartile =	0.4771
Std. Dev. =	0.3743	Max =	2.4698	Median =	0.6990
CV % =	50.0008	Skewness =	1.0962	3rd Quartile =	0.9542

Anti-Log Mean = 5.604 Anti-Log Std. Dev. : (-) 2.367
(+) 13.267

(# of bins = 21 - bin size = 0.1084)

%	cum %	antilog	cls int	
0.00	0.44	1.765	0.2468	
23.21	23.45	2.266	0.3552	**********
0.00	23.45	2.909	0.4637	
8.93	32.30	3.734	0.5721	*******
11.61	43.81	4.793	0.6806	*********
10.71	54.42	6.152	0.7890	********
3.57	57.96	7.897	0.8974	***
23.21	80.97	10.136	1.0059	**********
8.04	88.94	13.011	1.1143	******
2.68	91.59	16.702	1.2228	**
3.57	95.13	21.439	1.3312	***
1.79	96.90	27.520	1.4396	*
0.89	97.79	35.325	1.5481	*
0.00	97.79	45.345	1.6565	
0.00	97.79	58.206	1.7650	
0.00	97.79	74.714	1.8734	
0.89	98.67	95.906	1.9818	*
0.00	98.67	123.107	2.0903	
0.00	98.67	158.024	2.1987	
0.00	98.67	202.844	2.3072	
0.00	98.67	260.377	2.4156	
0.89	99.56	334.227	2.5240	*

0 1 2 3 4

14:24:41 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = ZINC Unit = PPM N = 112

Mean =	66.857	Min =	1.000	1st Quartile =	21.000
Std. Dev. =	104.865	Max =	868.000	Median =	35.000
CV % =	156.849	Skewness =	4.841	3rd Quartile =	63.000

%	cum %	cls int	(# of bins = 21 - bin size = 43.350)
0.00	0.44	-20.675	
25.89	26.11	22.675	**********
50.00	75.66	66.025	********** --> 40
8.93	84.51	109.375	*******
6.25	90.71	152.725	*****
4.46	95.13	196.075	****
0.89	96.02	239.425	*
0.00	96.02	282.775	
0.00	96.02	326.125	
1.79	97.79	369.475	*
0.00	97.79	412.825	
0.89	98.67	456.175	*
0.00	98.67	499.525	
0.00	98.67	542.875	
0.00	98.67	586.225	
0.00	98.67	629.575	
0.00	98.67	672.925	
0.00	98.67	716.275	
0.00	98.67	759.625	
0.00	98.67	802.975	
0.00	98.67	846.325	
0.89	99.56	889.675	*

0 1 2 3 4

14:24:51 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = ZINC Unit = PPM N = 112

Mean =	1.5531	Min =	0.0000	1st Quartile =	1.3222
Std. Dev. =	0.4993	Max =	2.9385	Median =	1.5441
CV % =	32.1461	Skewness =	-0.3713	3rd Quartile =	1.7993

Anti-Log Mean = 35.734 Anti-Log Std. Dev. : (-) 11.319
(+) 112.807

%	cum %	antilog	cls int	(# of bins = 21 - bin size = 0.1469)
0.00	0.44	0.844	-0.0735	
1.79	2.21	1.184	0.0735	*
0.00	2.21	1.661	0.2204	
0.89	3.10	2.330	0.3673	*
1.79	4.87	3.268	0.5142	*
0.89	5.75	4.583	0.6612	*
0.00	5.75	6.428	0.8081	
5.36	11.06	9.016	0.9550	****
1.79	12.83	12.646	1.1019	*
8.04	20.80	17.737	1.2489	******
10.71	31.42	24.877	1.3958	********
16.96	48.23	34.892	1.5427	**********
13.39	61.50	48.938	1.6896	**********
15.18	76.55	68.640	1.8366	**********
3.57	80.09	96.272	1.9835	***
6.25	86.28	135.029	2.1304	*****
6.25	92.48	189.388	2.2774	*****
3.57	96.02	265.631	2.4243	***
1.79	97.79	372.567	2.5712	*
0.89	98.67	522.553	2.7181	*
0.00	98.67	732.920	2.8651	
0.89	99.56	1027.975	3.0120	*

0 1 2 3 4

14:25:24 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = SILVER Unit = PPM N = 112

Mean =	1.394	Min =	0.100	1st Quartile =	0.200
Std. Dev. =	4.324	Max =	37.300	Median =	0.400
CV % =	310.263	Skewness =	6.460	3rd Quartile =	0.900

%	cum %	cls int	(# of bins = 21 - bin size = 1.860)
0.00	0.44	-0.830	
78.57	78.32	1.030	********** --> 62
13.39	91.59	2.890	**********
5.36	96.90	4.750	****
0.00	96.90	6.610	
0.00	96.90	8.470	
0.00	96.90	10.330	
0.00	96.90	12.190	
0.00	96.90	14.050	
0.00	96.90	15.910	
0.89	97.79	17.770	*
0.00	97.79	19.630	
0.89	98.67	21.490	*
0.00	98.67	23.350	
0.00	98.67	25.210	
0.00	98.67	27.070	
0.00	98.67	28.930	
0.00	98.67	30.790	
0.00	98.67	32.650	
0.00	98.67	34.510	
0.00	98.67	36.370	
0.89	99.56	38.230	*

0 1 2 3 4

14:25:32 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = SILVER Unit = PPM N = 112

Mean =	-0.3403	Min =	-1.0000	1st Quartile =	-0.6990
Std. Dev. =	0.5344	Max =	1.5717	Median =	-0.3979
CV % =	157.0422	Skewness =	0.9939	3rd Quartile =	-0.0458

Anti-Log Mean = 0.457 Anti-Log Std. Dev. : (-) 0.133
(+) 1.564

%	cum %	antilog	cls int	(# of bins = 21 - bin size = 0.1286)
0.00	0.44	0.086	-1.0643	
18.75	19.03	0.116	-0.9357	**********
0.00	19.03	0.156	-0.8071	
14.29	33.19	0.210	-0.6785	**********
0.00	33.19	0.282	-0.5500	
13.39	46.46	0.379	-0.4214	**********
15.18	61.50	0.510	-0.2928	**********
9.82	71.24	0.685	-0.1642	********
4.46	75.66	0.921	-0.0356	****
6.25	81.86	1.239	0.0930	*****
3.57	85.40	1.666	0.2216	***
1.79	87.17	2.239	0.3501	*
4.46	91.59	3.011	0.4787	****
4.46	96.02	4.049	0.6073	****
0.89	96.90	5.444	0.7359	*
0.00	96.90	7.320	0.8645	
0.00	96.90	9.842	0.9931	
0.00	96.90	13.233	1.1217	
0.89	97.79	17.793	1.2502	*
0.89	98.67	23.924	1.3788	*
0.00	98.67	32.167	1.5074	
0.89	99.56	43.252	1.6360	*

0 1 2 3 4

14:25:58 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = ARSENIC Unit = PPM N = 112

Mean =	903.232	Min =	2.000	1st Quartile =	4.000
Std. Dev. =	8865.698	Max =	93789.000	Median =	11.000
CV % =	981.552	Skewness =	10.360	3rd Quartile =	22.000

%	cum %	cls int	(# of bins = 21 - bin size = 4689.350)
0.00	0.44	-2342.675	
98.21	97.79	2346.675	********** --> 78
0.89	98.67	7036.025	*
0.00	98.67	11725.375	
0.00	98.67	16414.725	
0.00	98.67	21104.075	
0.00	98.67	25793.425	
0.00	98.67	30482.775	
0.00	98.67	35172.125	
0.00	98.67	39861.475	
0.00	98.67	44550.825	
0.00	98.67	49240.175	
0.00	98.67	53929.525	
0.00	98.67	58618.875	
0.00	98.67	63308.225	
0.00	98.67	67997.575	
0.00	98.67	72686.925	
0.00	98.67	77376.275	
0.00	98.67	82065.625	
0.00	98.67	86754.975	
0.00	98.67	91444.325	
0.89	99.56	96133.675	*

0 1 2 3 4

14:26:07 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = ARSENIC Unit = PPM N = 112

Mean =	1.0549	Min =	0.3010	1st Quartile =	0.6021
Std. Dev. =	0.6788	Max =	4.9722	Median =	1.0414
CV % =	64.3448	Skewness =	2.3989	3rd Quartile =	1.3424

Anti-Log Mean = 11.348 Anti-Log Std. Dev. : (-) 2.378
(+) 54.162

%	cum %	antilog	cls int	(# of bins = 21 - bin size = 0.2336)
0.00	0.44	1.528	0.1843	
15.18	15.49	2.617	0.4178	**********
12.50	27.88	4.481	0.6514	**********
16.07	43.81	7.672	0.8849	**********
18.75	62.39	13.136	1.1185	**********
15.18	77.43	22.492	1.3520	**********
8.93	86.28	38.511	1.5856	*******
7.14	93.36	65.939	1.8191	******
1.79	95.13	112.902	2.0527	*
0.89	96.02	193.311	2.2863	*
0.89	96.90	330.988	2.5198	*
0.00	96.90	566.721	2.7534	
0.00	96.90	970.343	2.9869	
0.89	97.79	1661.427	3.2205	*
0.00	97.79	2844.705	3.4540	
0.89	98.67	4870.722	3.6876	*
0.00	98.67	8339.682	3.9211	
0.00	98.67	14279.256	4.1547	
0.00	98.67	24449.032	4.3883	
0.00	98.67	41861.787	4.6218	
0.00	98.67	71676.016	4.8554	
0.89	99.56	122724.127	5.0889	*

0 1 2 3 4

14:26:37 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = GOLD Unit = PPB N = 112

Mean =	290.661	Min =	1.000	1st Quartile =	4.000
Std. Dev. =	1527.111	Max =	11320.000	Median =	14.000
CV % =	525.393	Skewness =	6.192	3rd Quartile =	44.000

%	cum %	cls int	(# of bins = 21 - bin size = 565.950)	
0.00	0.44	-281.975		
94.64	94.25	283.975	**********	--> 75
1.79	96.02	849.925	*	
0.89	96.90	1415.875	*	
0.00	96.90	1981.825		
0.00	96.90	2547.775		
0.00	96.90	3113.725		
0.00	96.90	3679.675		
0.00	96.90	4245.625		
0.00	96.90	4811.575		
0.00	96.90	5377.525		
0.00	96.90	5943.475		
0.89	97.79	6509.425	*	
0.00	97.79	7075.375		
0.00	97.79	7641.325		
0.00	97.79	8207.275		
0.00	97.79	8773.225		
0.00	97.79	9339.175		
0.89	98.67	9905.125	*	
0.00	98.67	10471.075		
0.00	98.67	11037.025		
0.89	99.56	11602.975	*	

0 1 2 3 4

14:26:46 IR ROCKS 11/19/90

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = GOLD Unit = PPB N = 112

Mean =	1.1449	Min =	0.0000	1st Quartile =	0.6021
Std. Dev. =	0.8482	Max =	4.0538	Median =	1.1461
CV % =	74.0863	Skewness =	0.9035	3rd Quartile =	1.6435

Anti-Log Mean = 13.961 Anti-Log Std. Dev. : (-) 1.980
(+) 98.430

(# of bins = 21 - bin size = 0.2027)

%	cum %	antilog	cls int	
0.00	0.44	0.792	-0.1013	
15.18	15.49	1.263	0.1013	**********
5.36	20.80	2.014	0.3040	****
4.46	25.22	3.212	0.5067	****
9.82	34.96	5.122	0.7094	********
5.36	40.27	8.168	0.9121	****
9.82	50.00	13.026	1.1148	********
9.82	59.73	20.773	1.3175	********
13.39	73.01	33.128	1.5202	**********
6.25	79.20	52.831	1.7229	*****
5.36	84.51	84.251	1.9256	****
6.25	90.71	134.360	2.1283	*****
2.68	93.36	214.270	2.3310	**
0.89	94.25	341.707	2.5337	*
1.79	96.02	544.937	2.7363	*
0.00	96.02	869.038	2.9390	
0.89	96.90	1385.897	3.1417	*
0.00	96.90	2210.158	3.3444	
0.00	96.90	3524.647	3.5471	
0.00	96.90	5620.927	3.7498	
0.89	97.79	8963.967	3.9525	*
1.79	99.56	14295.277	4.1552	*

0 1 2 3 4

131°55'

57°45'

LIMPOKE CREEK

WATERFALL #1

PROSPECTIVE AREA

VLF SURVEY LINE

IR #8

IR #2

IR #1

IR #6

IR #5

IR #7

TARGET #1

WIMPSON CREEK

MT. MUTCHENER

Glacier

EXPANDED PLAN X×3

PROSPECTIVE AREA

VLF SURVEY LINE

VLF SURVEY LINE

7500

7000

6500

6000

5500

5000

4500

4000

3500

3000

2500

2000

1500

0 200 400 600 800 1000m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,725

DRYDEN RESOURCE CORPORATION

IR PROPERTY

SAMPLE LOCATIONS

× ROCK SAMPLE

· SOIL SAMPLE

SILT SAMPLE

HMC SAMPLE

DATE: NOV. 1990	NTS: 104G/13W,12W
PROJECT: IR	BY: NCA, AB, DMS
SCALE: 1:10,000	
Keewatin Engineering Inc.	MAP No. 1.

131°55'

LIMPOKE CREEK

WATERFALL #1

IR #8

IR #2

IR #1

IR #6

IR #5

IR #7

TARGET #1

WIMPSON CREEK

MITCHENER GLACIER

57°45'

90PJS-010 RESAMPLED 29,0.2 21,0.4

90PJS-006 RESAMPLED 21,0.2

90PJS-005 RESAMPLED 2040,0.7 54,0.3

EXPANDED PLAN 0×3

0 200 400 600 800 1000m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,725

N. C. ASPINALL
BRITISH COLUMBIA
ENGINEER

DRYDEN RESOURCE CORPORATOIN

IR PROPERTY

GEOCHEMICAL RESULTS

GOLD (PPB), SILVER (PPM)

X ROCK · SOIL — SILT — HMC.

DATE: NOV. 1990	NTS: 104G/13W,12W
PROJECT: IR	BY: NCA. AB. DMS.
SCALE: 1:10,000	
Keewatin Engineering Inc.	MAP No. 2.

131°55'

LIMPOKE CREEK

WATERFALL #1

MITCHENER GLACIER

WIMPSON CREEK

IR #8

IR #2

IR #1

TARGET #1

IR #7

IR #6

IR #5

RESAMPLED 203,6 161,13

RESAMPLED 212,10

RESAMPLED 120,2 151,2

EXPANDED PLOT 2 x 3

7500 7000 6500 6000 5500 5000 4500 4000 3500 3000 2500 2000 1500

57°45'

0 200 400 600 800 1000m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,725

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
N. C. ASPINALL

DRYDEN RESOURCE CORPORATOIN

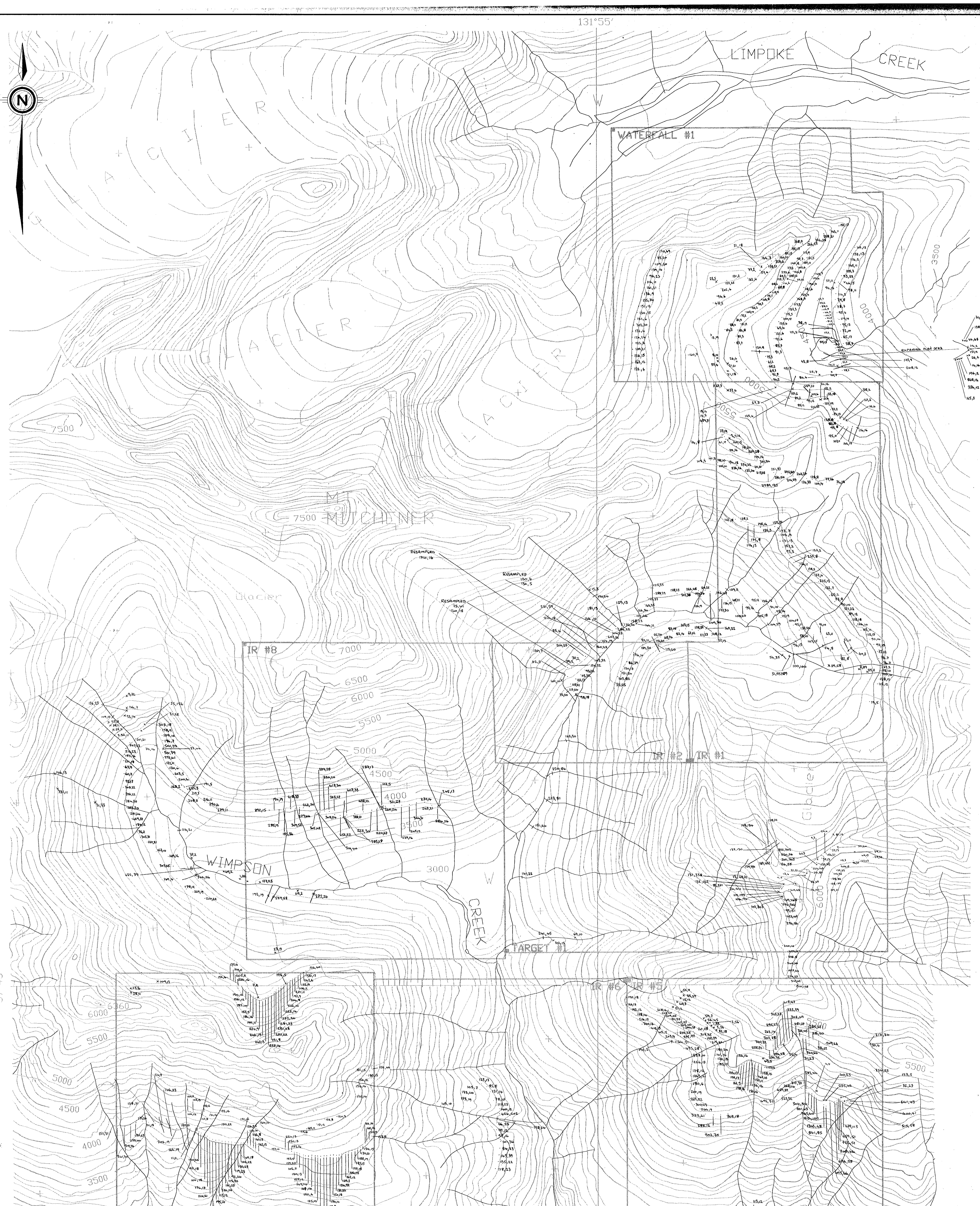
IR PROPERTY

GEOCHEMICAL RESULTS

COPPER (PPM) , LEAD (PPM)

X ROCK · SOIL — SILT — HMC

DATE: NOV. 1990	NTS: 104G/13W,12W
PROJECT: IR	BY: NCA. AB. DMS.
SCALE: 1:10,000	
Keewatin Engineering Inc.	MAP No. 3.



0 200 400 600 800 1000m

DRYDEN RESOURCE CORPORATOIN

IR PROPERTY

GEOCHEMISTRY RESULTS

Zinc (ppm) , Arsenic (ppm)

X ROCK · SOIL —+— SILT —#— HMC

DATE: NOV. 1990	NTS: 104G/13W,12W
PROJECT: IR	BY: NCA. AB. DMS.
SCALE: 1:10,000	
Keewatin Engineering Inc.	MAP No. 4.