GEOLOGICAL and GEOCHEMICAL REPORT

on the

FIZ PROPERTY

FIZ 1 (20 units)

FIZ 2 (20 units)

FIZ 3 (20 units)

Omineca Mining Division, B.C.

NTS 93E/15 and 16

Lat. 53°51'N, long. 126° 33'W

Owned and Operated by BP Minerals Limited

By: S.J. Hoffman and
A.R. Findlay

BPVR 81-44

February, 1982.

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FIGURES

APPENDICES

SUMMARY

The FIZ claims are characterized by a relatively continuous cover of grooved glacial till through which are exposed two outcrops, one of the Ootsa Lake volcanic group and another of quartz monzonite. Bedrock consists of rubbly weathering flow banded rhyolites and quartz monzonite. The area was evaluated to test a prominent INPUT anomaly.

The overburden has been interpreted to have an origin within 1 or 2 km of its present location and comprises till presumed to have an average thickness of between 10 and 20 metres. Under these conditions, a significant mineral prospect should be able to provide mechanically dispersed metal to the overburden downice, providing the source from which soil anomalies will develop. Weakly anomalous conditions for zinc and silver, in the 180 ppm and up to 1.0 ppm concentrations, respectively can be outlined within the grid area. These anomalies typically comprise less than 4 contiguous samples on the 50 X 100 metre grid sampling plan and would be considered to exhibit weak anomaly to background contrast ratios on a regional basis. The anomalous zones merit low consideration for followup in the absence of encouragement from underlying bedrock. The INPUT conductor does not appear to have a geochemical expression.

RECOMMENDATIONS

1. No further work is suggested at this time.

1. INTRODUCTION

LOCATION AND ACCESS

The FIZ property is situated on the north side of Ootsa Lake, about 60 km due south of Houston, B.C. (Figure 1). A four wheel drive logging road is open during the summer months to a washed-out culvert about one kilometre south of the property.

PROPERTY

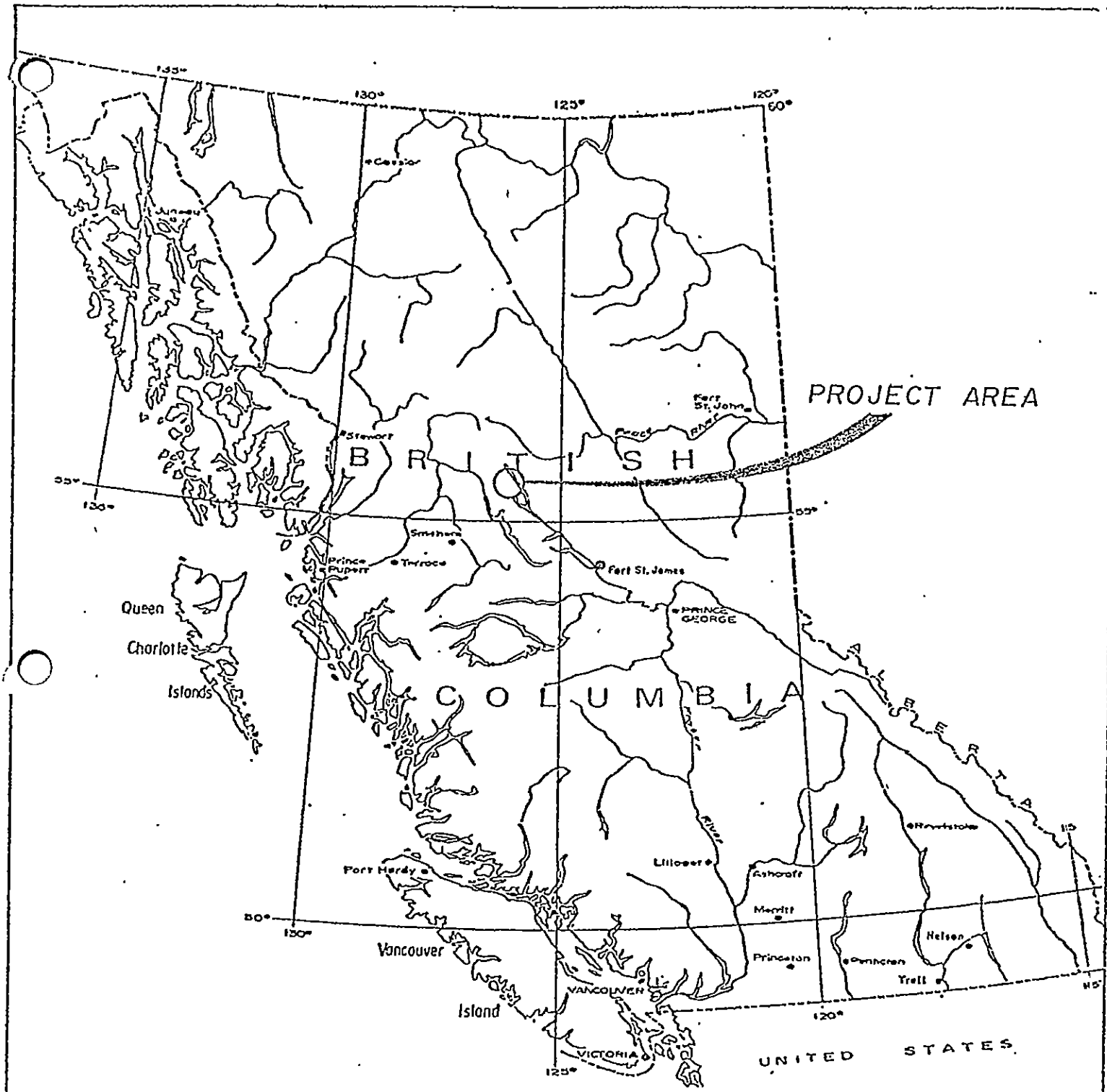
The FIZ property consists of the following claims:-

FIZ 1	20 units	record no.	3569	expires February 16, 1982
FIZ 2	20 units	record no.	3570	expires February 16, 1982
FIZ 3	20 units	record no.	3571	expires February 16, 1982

These claims are located within the Omineca Mining Division and are wholly owned by BP Minerals Limited. They were staked by BP Minerals in February 1981 to cover a prominent airborne EM anomaly discovered as a result of an INPUT survey flown in December 1980.

LANDSCAPE

The property is situated within the western part



0 100 200 300
Kilometres

BP Minerals Limited

LOCATION MAP
TAKLA LAKE PROJECT

SCALE		NTS 93 P/8	FIG 1
DWG No. 81-27	DATE FEB. 1981	PROJ 991	
To accompany report			

of the Nechako Plateau, about 30 km east of the border of the Coast Mountains. Most of the property and immediately surrounding area consists of gently undulating terrain, which is substantially covered by glacial drift. The property is covered by relatively open coniferous forest.

1981 PROGRAM

The 1981 program included linecutting, geological mapping, a soil geochemical survey and a pulse EM survey. The eleven line-kilometre cut grid and pulse EM survey were completed in May by contractors. Geological mapping and geochemical sampling were carried out in late May and June by A. Findlay and S. Hoffman, BP staff; and E. Lyngberg, senior assistant and D. Piquette and R. Kessler, junior assistants. This work was carried out as part of a larger program which involved evaluation of the nearby DAMBO property and reconnaissance within the surrounding area.

2. GEOLOGY

The regional geology of the Ootsa Lake area is described in the Report "Whitesail Lake Map-area B.C." by S. Duffel (G.S.C. Memoir 299, 1959). A more recent geology map has been compiled by G.J. Woodsworth (G.S.C. O.F. 708, 1980).

Felsic and lesser intermediate and mafic volcanics

of the Upper Cretaceous (?) and Lower Tertiary Ootsa Lake Group underlie an extensive area along the northern shore of Ootsa Lake in the vicinity of the FIZ claims. These volcanics overlie various Jurassic and Cretaceous volcanic and sedimentary formations, and are unconformably overlain by relatively undeformed subaerial basalt and andesite of the Eocene to Miocene Endako Group. The reader is referred to the BP assessment report "Geological, Geochemical and Geophysical report on the DAMBO property by A. Findlay et al., BPVR 81-21 (1981)" for information on the geology of the area around the FIZ property. This report includes a 1:15,000 scale geological map.

Only two small outcrops, of flow banded rhyolite and quartz monzonite, were recorded within the FIZ claims.

3. GEOCHEMISTRY

1. Introduction

A total of 227 soil samples were collected along 11 grid lines spaced 100 metres apart. A sample interval was 50 metres along each of the 1 km lines, samples being missed if an inorganic sample could not be taken easily. Figure 2A depicts the location of samples.

2. Copper (Figure 2B)

Copper values typically vary between 4 and 10 ppm. High values exceeding 18 ppm to a maximum of 39 ppm are found randomly distributed throughout the grid area. Anomalous zones are commonly defined by two, or at most three contiguous samples. A zone of enhanced background characterizes the northeast quarter of the grid.

3. Lead (Figure 2C)

Although most lead concentrations are between 8 and 16 ppm, enhanced values 18 ppm are widely distributed on the grid, also clustering in the northeast corner of the grid. The maximum lead concentration is 30 ppm.

4. Zinc (Figure 2D)

Zinc levels are above average in the northeast,

reaching a maximum of 174 ppm. A more homogeneous anomaly is found on the northern portion of the grid, where four contiguous values range from 172 ppm to 192 ppm. No lead accompanies this zinc anomaly. Two values exceeding 200 ppm zinc are isolated in the west, also in lead-poor samples. Zinc enrichment is notably lacking on the southern two thirds of the grid.

5. Iron (Figure 2E)

Iron contents are weakly enhanced in the northeast. Iron concentrations commonly vary from 1.3% to 2.2%, reaching maximum levels of 2.7% to 2.9% with a high value of 3.3% in the southwest. These levels of iron are not likely to abnormally scavenge base metasl or lead to formation of false anomalies.

6. Manganese (Figure 2F)

Manganese levels vary between 140 and 275 ppm over the grid area. Enhanced manganese contents to 1,240 ppm are widely distributed, perhaps clustering in the northeast. The manganese distribution is also not suggestive of zones of unusual metal concentration relating to the geochemical environment.

7. Silver (Figure 2G)

The statistical anomaly threshold for silver is established at 0.4 ppm (mean plus two standard deviations). In this regard, six samples exceed this value with a clustering of enhanced values in the northeast. Isolated high values are also found in the southwest.

8. Gold (Figure 2H)

Gold anomalies equalling or exceeding an arbitrary threshold of 20 ppb number eight on the grid, to a maximum of 225 ppb. Only two values exceed 40 ppm and both are isolated occurrences. The northeast corner of the grid is not reflected by gold enrichment. The 225 ppb gold value lies immediately north of the zinc anomaly.

9. Mercury (Figure 2I)

Mercury values are between 20 and 46 ppb, reaching a maximum of 140 ppb in the south in an isolated sample. Higher values in the order of 50 to 60 ppb cluster in the northeast. Patterns are not indicative of outstanding anomalies.

10. Soil pH (Figure 3J)

Soils on the Cache grid are weakly to moderately acidic. More alkaline soils characterize the soil zinc anomaly

and part of the northeastern base metal-rich zone. A weak alignment of higher values in a northeasterly direction may reflect overburden characteristics or topography, as this direction is parallel to prominent glacial landforms along this orientation.

4. DISCUSSION OF RESULTS

The landscape surface on the Cache grid is grooved, reflecting glacial processes. Two outcrops are exposed within the grid area, and these consist of rubble zones testifying to the readily weatherable nature of the Ootsa Lake volcanic units underlying the grid. Rounded rock fragments in proximity to bedrock exposures negates the use of pebble angularily observations to gauge proximity of overburden to source or thickness of surficial deposits above bedrock. Nevertheless, despite these negative aspects, and impression of a relatively local origin to the overburden was gained following field inspection. Relatively local is used to indicate a source for the surficial deposits probably lies within 1 or 2 km of its present location. In view of the appearance of outcrops, depth to bedrock could be in the range of 10 or 20 metres over most of the claim group.

If these interpretations are correct, an exposure of a mineral occurrence of sufficient size at the

bedrock-overburden interface would be expected to be reflected in the soils down-ice. The geochemical survey has not identified a prominent anomaly. The INPUT conductor lies upice of the northeast corner of the grid which is weakly base metal-rich, but this distribution is suggested to reflect only a change in underlying bedrock in the upice direction.

Genesis of zones of zinc and weak silver enhancement is unknown. Maximum concentrations of both metals are not indicative of high grades of metal exposed immediately beneath the overburden. If, however, the interpretation of overburden origin proves incorrect, or a minor prospect at the bedrock surface represents the upper portion of a major deposit at depth, the anomalies would assume greater importance. The provenance of the overburden could be assessed by an experienced Pleistocene geologist on a consulting basis. Depth to bedrock can be determined by deep overburden drilling which would test the bedrock proper, also checking the latter hypothesis using lithogeochemistry. Both recommendations are probably not warranted at this time.

5. CONCLUSIONS

The geochemical survey has indicated very weak

base metal enrichment in the northeast thought to reflect a change of geology in the source area of the overburden. Low contrast zinc and silver anomalies have not been explained but are not sufficiently noteworthy to be further evaluated. The INPUT conductor does not appear to have a positive geochemical signature.

APPENDIX 1

Statement of Costs

STATEMENT OF COSTS

A. LABOUR COSTS

A. Findlay	-	3 days @ $200/day	May 29,30 February 8, 1982.	$ 600
S. Hoffman	-	3 days @ $200/day	June 1,3 February 4, 1982	600
E. Lyngberg	-	6 days @ $90/day	May 29,30,31 June 6,7,15	540
D. Piquette	-	6 days @ $70/day	May 29,30,31 June 1,2,4	420
R. Kessler	-	6 days @ $70/day	May 29,30,31 June 1,2,4	420
				$ 2,580

B. FOOD AND ACCOMMODATION

A. Findlay	-	2 days @ $24/day	$ 48
E. Lyngberg	-	6 days @ $24/day	144
D. Piquette	-	6 days @ $24/day	144
R. Kessler	-	6 days @ $24/day	144
S. Hoffman	-	1 day @ $24/day	24
			$ 504

C. TRANSPORTATION

Vehicle Rental	-		$ 250
Gasoline	-		58
			$ 308

D. MATERIALS AND SUPPLIES

Maps, Soil envelopes, Flagging etc. $ 70

E. ANALYSIS (Acme Analytical Laboratories)		
227 soils @ $12.40 per sample		$ 2,814
F. DATA PROCESSING (UBC Centre, Elan Datamakers)		416
G. LINECUTTING		
11.5 km @ $475/km		5,462
	TOTAL:	$12,154

APPENDIX 2

Analytical Methods

ACME ANALYTICAL LABORATORIES LTD
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone: 253-3158

GEOCHEMICAL LABORATORY METHODOLOGY - 1981

SAMPLE PREPARATION

1. Soil samples are dried at 60°C and sieved to -80 mesh.
2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis for Ag*, Bi*, Cd*, Co, Cu, Fe, Mn, Mo, Ni, Pb, Sb*, V, Zn

0.5 gram samples are digested hot dilute aqua regia in a boiling water bath and diluted to 10 ml with dimineralized water.

All the above elements are determined in the acid solution by Atomic Absorption.

* demotes background correction.

Geochemical Analysis for Au

10.0 gram samples that have been ignited overnite at 600°C are digested with hot dilute aqua regia, and the clear solution obtained is extracted with Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 5 ppb direct AA and 1 ppb graphite AA.)

Geochemical Analysis for Au, Pd, Pt, Rh

10.0 - 30.0 gram samples are subjected to Fire assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au, Pd, Pt, and Rh are determined in the solution by Atomic Absorption.

Geochemical Analysis for As

0.5 gram samples are digested with hot dilute aqua regia and diluted to 10 ml.

As is determined in the solution by Graphite Furnace Atomic Absorption.

ACME ANALYTICAL LABORATORIES LT
Assaying & Trace Analysis
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Telephone : 253 - 3158

Geochemical Analysis of Hg

Digestion

A .50 gram sample is digested with aqua regia and diluted with 20% HCl.

Determination

Hg in the solution is determinated by cold vapour AA using F & J Scientific Hg assembly. An aliquot is added to stannous chloride-hydrochloric acid solution. The reduced Hg is swept out of the solution and passed into the Hg cell where it determined by AA.

Oxalic Acid Leach of Rock, Soil & Silt Samples

A .50 gram sample is digested hot with 10 mls 5% oxalic acid solution. The oxalic acid will dissolve Fe and Mn from their oxided of M - 1 fraction (but not from magnetite & ilmenite) limonites and clays. The following metals are analysed by atomic absorption : Cu, Zn, Pb, Ni, Mo, Fe & Mn.

Cold HCl Acid Extraction

A .50 gram sample is leached with 10 ml 5% HCl solution at room temperature for 2 hours with ocasional shaking. Copper is dissolved from the organic and surface layers of clay fractions.

EDTA Extraction

A .50 gram sample is leached at room temperature for 4 hours with 10 mls of 2.5% EDTA solution.

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Multi Element Analysis by ICP

Digestion of Sample

0.5 gram samples are digested with hot aqua regia for one hour and the sample is diluted to 10 ml. The diluted sample is aspirated by ICP and the analytical results are printed by Telex, either in percent or ppm as shown.

Please Note : This digestion is partial for Al, Ca, La, Mg, P Ti, W and very little Ba is dissolved.

Report Format

HO/22N 385ØW
EGC

BURN # 1 GE16 15:46 3FEB1981

IS
1357

MO	CU	PB	ZN	AG	NI	CO	MN	FE%	AS
3.92	41.5	9.ØØ	136	.332	15.3	5.7Ø	312	3.167	5.73
U	IS	TH	IS	CD	SB	BI	V	CA%	P%
4.11	.371	.424	1Ø73	.96Ø	1.94	4.51	52.7	1.1Ø7	.2Ø6
LA	IN	MG%	BA%	TI%	B	AL%	IS	IS	W
22.1	3.5Ø	.2589	.Ø184	.ØØ14	-.Ø5	1.72Ø	Ø	3.Ø6	.276

*O/M1
EGC

BURN # 1 GE16 15:48 3FEB1981

1358

.563	29.3	34.6	171	.154	33.4	11.5	794	2.536	8.77
3.57	.Ø44	2.79	765	1.Ø8	.635	4.25	54.8	.6452	.1Ø9
6.42	2.88	.6ØØ8	.Ø252	.Ø753	-.37	1.944	Ø	2:32	-.61

Code :

HO, *O, EGC	Computer Intructions.
/22N 3850 W	Sample Number.
/M1	ACME Geochem standard for quality control.
15:46 3FEB1981	Time and Date of Analysis.
BURN # 1 GE16	Geochem Computer Program.
IS	Internal Standard.

ACME ANALYTICAL LABORATORIES LT
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
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Interpretation of Results

Stamdard M-1 is a certified geochem standard used to monitor the results. M-1 has the following analysis.

1.	Mo	:	in ppm	M1	2. ppm
2.	Cu	:	in ppm	M1	28. ppm
3.	Pb	:	in ppm	M1	38. ppm
4.	Zn	:	in ppm	M1	180. ppm
5.	Ag	:	in ppm	M1	0.3 ppm
6.	Ni	:	in ppm	M1	32. ppm
7.	Co	:	in ppm	M1	12. ppm
8.	Mn	:	in ppm	M1	800. ppm
9.	Fe	:	in %	M1	2.5 %
10.	As	:	in ppm	M1	8. ppm
11.	U	:	in ppm	M1	3. ppm
12.	IS	:	Internal Standard.		
13.	Th	:	in ppm	M1	3. ppm
14.	IS	:	Internal Standard.		
15.	Cd	:	in ppm	M1	2. ppm
16.	Sb	:	in ppm	M1	3. ppm
17.	Bi	:	in ppm	M1	2. ppm
18.	V	:	in ppm	M1	54. ppm
19.	Ca	:	in %	M1	0.62 %
20.	P	:	in %	M1	0.11 %
21.	La	:	in ppm	M1	8. ppm
22.	In	:	in ppm	M1	2. ppm
23.	Mg	:	in %	M1	0.67 %
24.	Ba	:	in %	M1	0.023 %
25.	Ti	:	in %	M1	0.07 %
26.	B	:	in ppm	M1	12. ppm
27.	Al	:	in %	M1	1.9 %
28.	IS	:	Internal Standard. — Cr		
29.	IS	:	Internal Standard. — Nb		
30.	W	:	in ppm	M1	1. ppm

Notes:

1. Zinc over 5000 ppm interferes on W channel.
2. Iron over 1. % interferes on In and Sb channel.

Monitoring of Results:

If analysis of standard M-1 is different than the certification, then compensate (add or subtract) samples appropriately.

Standardization:

Complete set of USGS standards, Canadian Certified Reference Materials and 72 specpure metals from Johnson Matthey.

APPENDIX 3

Geochemical Data

GENERAL

1,2 SAMPLE TYPE
- 10. Stream sediment
- 11. Stream water
- 20. Seepage (spring) sediment
- 21. Seepage (spring) water
- 30. Lake sediment - lake center
- 31. Lake water
- 32. Lake sediment - near shore
- 40. Bog-upper 100 cm
- 41. Bog-stagnant water
- 42. Bog-below 100 cm
- 43. Bog-organic material at mineral horizon interface
- 44. Bog-mineral horizon
- 50. Soil-top of the B horizon (or top of the C horizon if B horizon absent)
- 51. Soil-other horizons (organic-rich samples or when 2 samples taken at same hole)
- 52. Frost boil
- 53. Seepage boil
- 55. Deep overburden sample
- 56. Intermediate overburden
- 57. Sample (depth determined in field)
- 58.
- 59.
- 60. Talus fines-mid slope
- 61. Talus fine-in gully
- 62. Talus fines-base of slope
- 63. Talus blocks-hand sample
- 64. Talus block-chips
- 70. Biogeochemical
- 75. Radon-track etch
- 76. Radon-Alpha Meters
- 77. Radon-emanometers
- 80. Bedrock hand sample
- 81. Bedrock chips ± hand sample
- 82. Float hand sample
- 83. Float chips ± hand sample
- 84. Drill core specimens
- 85. Channel sample
- 86. Drill sludge
- 87. Drill chips
- *89. High grade sample
- *90. Special sample-specify *clearly label if high grade

Special note
For keypunchers benefit, 7's should be crossed ⫽ and O's (letter) should be slashed ∅

3,4 YEAR

PROJECT NUMBER

8-39 PROJECT IDENTIFICATION
Blank reconnaissance
A, B, C, etc. = properties, anomalies (List 6)

9 DUPLICATE SAMPLES
*Star both samples (collect 1 in 30)

10,11 SAMPLER IDENTIFICATION
-12 (List 7)

12-15 SAMPLE NUMBER
or
13-15 leave out all numbers ending in 00 and 50

17,18 UTM ZONE
see NTS map sheets; for properties use
ZZ Property-feet
YY Property-meters
ZZ Property-other

19-24 EAST COORDINATE

25-31 NORTH COORDINATE

34-35 MAP SHEET NUMBER

STREAM SEDIMENTS

40 SAMPLE ENVIRONMENT
1. Next to bank
2. Behind boulders
3. Among roots below stream bank
4. Middle of stream
5. Among grass or reeds of creek bed
6. Bar in creek
7. Middle-very wide, shallow creek
8. Base of slope
C. Composite across stream
S. Soil

42 PRECIPITATE
R. Record colour (report presence of precipitate in immediate vicinity in stream bed. If heavy precipitate, sample separately).

43 OVERBURDEN TRANSPORT
L. Local — M. Mixed local
E. Extensive — & extensive
U. Unknown

45 OVERBURDEN ORIGIN
1. Till-angular boulders
2. Outwash-sandy, rounded boulders
3. Lake sediment-sand/silt
4. Alluvium-stream deposit
5. Peat-bog
6. Colluvium
7. Lake sediment-clay
8. Talus
9. Residual
A. Frost boil* — *use only if
B. Seepage boil* — former origin
C. Boulder field* — cannot be
D. Gravel* — identified
E. Soil*

46 BEDROCK
M. Mineralized
P. Present within 100m-200m upslope
D. Present within 100m-200m downslope
B. Underlies sample site
G. Gossan
F. Fe surface stains
R. Radioactivity

47,48 pH

49 SAMPLE TEXTURE
0. Organic-decomposed
1. Clay
2. Silt and fine sand
3. Sand
4. Gravel
5. Frozen
6. Cemented
7. Precipitate
8. Twigs or undecomposed organic matter

50-52 AVERAGE WIDTH OF STREAM-M
decimal point in col 51 (or col 52 if stream > 10 m wide)

53-55 AVERAGE DEPTH OF STREAM-CM

56 STREAM VELOCITY
1. Dry
2. Stagnant
3. Slow
4. Moderate
5. Fast
6. Turbulent

57 INDICATE AS TRIBUTARY
R. Stream enters on right looking down main stream
L. Stream enters on left looking down main stream

58-60 LOCAL BEDROCK COMPOSITION
Estimate-use lists 1-4

61 COLOUR-STREAM SEDIMENTS
1. Colour noted in information

63-66 CONDUCTIVITY-WATER

67 CONTAMINATION
Blank-none
P. possible
D. definite

68 ORGANIC FRACTION
1. Minor amount of undecomposed twigs, leaves, etc.
2. Large amount of undecomposed twigs, leaves, etc.
3. Minor amount of well-decomposed vegetation
4. Large amount of well-decomposed vegetation
5. Mosses
6. Some sediment grains coated in organic matter
7. All sediment grains coated in organic matter
8. Looks like lake sediment material

69 MINERAL FRACTION
1. Primarily light coloured silicate minerals
2. Primarily carbonate sand
3. Minor, but notable content of mafic minerals, resistates etc.
4. High proportion of mafics, resistates

71 GAMMA SOLID ANGLE
1. Ridge — 5. A
2. Flat surface (2π) — 6. B
3. Base of section (3π) — 7. C
4. Deep gullies (4π) — 8. D

72-75 GAMMA COUNT AT SAMPLE SITE

76 ROCK
*If bedrock is influencing scint counts

77,78 APPROXIMATE SLOPE ANGLE

79,80 APPROXIMATE SLOPE DIRECTION

SOILS

40 SITE TOPOGRAPHY
1. Hill Top
2. Gentle slope
3. Steep slope > 20°
4. Base of slope
5. Valley floor
6. Depression
7. Level
8. Rolling
9. Bog

41 SAMPLE ENVIRONMENT
1. Tundra-hummocky
2. Tundra-dry
3. Tundra-swampy
4. Grassland, meadows
5. Peat mounds
6. Bog in depression
7. Forest-coniferous
8. Forest-deciduous
9. Forest-mixed
A. Alder or willows
B. Cultivated land
C. Desert, semi-arid
D. Barren
E. Talus fan
F. Bank soil-stream
G. Bank soil-lake
H. Road cut

42 SITE DRAINAGE
1. Dry
2. Moist
3. Wet
4. Saturated

43 OVERBURDEN TRANSPORT
L. Local
E. Extensive
U. Unknown
M. Mixed - two sources

44 WATER MOVEMENT
S. Seepage

45 OVERBURDEN ORIGIN
1. Till-angular boulders
2. Outwash-sandy, rounded boulders
3. Lake sediment-sand/silt
4. Alluvium-stream deposit
5. Peat-bog
6. Colluvium
7. Lake sediment-clay
8. Talus
9. Residual
A. Frost boil* — *Use only if
B. Seepage boil* — formed origin
C. Boulder field* — cannot be
D. Gravel* — identified

46 BEDROCK
M. Mineralized
P. Present within 100m-200m upslope
D. Present within 100m-200m downslope
B. Underlies sample site
G. Gossan
F. Fe surface stains
R. Radioactivity

48 pH

49 SAMPLE TEXTURE
0 Organic muck
1. Fibrous, peaty organic matter
2. Very sandy
3. Sandy
4. Sand-silt
5. Sand-silt-clay
6. Silt
7. Silt-clay
8. Clay
9. Gravel

50,51 TOP OF SAMPLE INTERVAL-CM

52-54 BOTTOM OF SAMPLE INTERVAL-CM

55,56 SOIL HORIZON
LH. Leaf, humus layer, undecomposed vegetation lying on the ground surface (do not sample)
AH. Dark grey to black, organic-rich mineral horizon usually no deeper than 15 cm from the surface (do not sample)
AE. Grey to white (occasionally brown) leached mineral horizon near ground surface, usually sandy; accompanied by BF or BT horizon at depth (do not sample)
BH. Black, organic-rich mineral horizon at depths greater than 15 cm (do not sample)
BF. Red brown, iron-rich horizon
BT. Brown, clay-rich horizon
BG. Horizon which is water-saturated most of the year, identified by red brown mottles
BM. Brown horizon which is only slightly different in appearance from underlying parent material
C1, C2, C3, etc.-Parent material for soil
CA. White calcium carbonate precipitate in C horizon
B1, B2, B3 etc.-Bog samples at various depths
TF. Talus fines

57 SOIL TYPE
C. Chernozem-prairie soil usually under grassland or meadow, thick Ah >10cm, CA horizon at depth
S. Solonetz-saline soil, high content of NaCl
L. Luvisol-BT horizon diagnostic
P. Podzol-BF horizon diagnostic
B. Brunisol-BM horizon is only B horizon of profile
R. Regosol-little or no soil development. No B soil horizon, only LH (maybe) and C horizon
G. Gleysol-BG horizon diagnostic
O. Organic soil-bog vegetation-no mineral matter

58-60 LOCAL BEDROCK COMPOSITION
Estimate-use lists 1-4

61-66 COLOUR
Munsell notation or abbreviation

67 CONTAMINATION
Blank-none
P. possible
D. definite

68-69 % COARSE FRAGMENTS

70 SHAPE OF COARSE FRAGMENTS
A. Angular
R. Rounded
S. Subrounded, subangular
M. Mixed above types

71 GAMMA SOLID ANGLE
1. Ridge — 5. A
2. Flat surface (2π) — 6. B
3. Base of section (3π) — 7. C
4. Deep gullies (4π) — 8. D

72-75 GAMMA COUNT AT SAMPLE SITE
Scint reading at ground level over hole

76 ROCK
*If bedrock is influencing scint counts

77,78 APPROXIMATE SLOPE ANGLE

79,80 APPROXIMATE SLOPE DIRECTION

LIST 1

1-- INTRUSIVE ROCKS
- -1- QUARTZ RICH
- --1 Granite
- --2 Quartz Monzonite
- --3 Granodiorite
- --4 Quartz diorite
- -2- INTERMEDIATE
- --1 Syenite
- --2 Monzonite
- --3 Diorite
- --4 Gabbro
- -3- FELDSPATHOID RICH
- --1 Nepheline syenite
- --2 Nepheline monzonite
- -40 ULTRABASIC
- -50 CARBONATITES
- -60 SPECIAL TYPES
- --1 Pegmatite
- --2 Aplite
- --3 Lamprophyre
- --4 Trap
- --5 Felsite
- --6 Intrusion breccia
- --7 Diabase

LIST 2

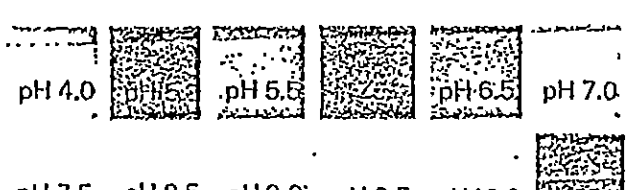
2-- VOLCANIC ROCKS
- -0- UNDIFFERENTIATED
- -1- BASALT
- -2- ANDESITE
- -3- DACITE
- -4- RHYOLITE
- -5- QUARTZ LATITE
- -6- LATITE
- -7- TRACHYTE
- -8- PHONOLITE
- -9- NEPHELINE LATITE
- --1 Fine grained flows
- --2 Porphyritic flows
- --3 Crystal tuffs
- --4 Ash tuffs
- --5 Lapilli tuffs
- --6 Agglomerate
- --7 Lapilli breccia
- --8 Block breccia
- --9 Turbidite

LIST 3

3-- SEDIMENTARY ROCKS
- -1- ARENACEOUS
- --1 Siltstone
- --2 Mudstone
- --3 Greywake
- --4 Sandstone
- --5 Quartzite
- --6 Conglomerate
- -2- ARGILLACEOUS
- --1 Shale
- --2 Argillite
- -3- CALCAREOUS
- --1 Limestone
- --2 Dolomite
- -4- CHEMICAL PRECIPITATE
- --1 Chert
- --2 Marble
- --3 Iron formation

LIST 4

4-- METAMORPHIC ROCKS
- -1- FINE GRAINED CONTACT
- -2- PHANERITIC
- --1 Meta quartzite
- --2 Marble
- --3 Soapstone
- --4 Hornfels
- --5 Serpentine
- --6 Skarn
- --7 Amphibolite
- --8 Eclogite
- -3- MECHANICAL
- --1 Mylonite
- --2 Flaser
- --3 Augen
- --4 Ultramylonite
- -40 SLATE
- -50 PHYLLITE
- -60 SCHIST
- -70 GNEISS*
- -80 MIGMATITE*
- --1 *Granite
- --2 Monzonite
- --3 Granodiorite
- --4 Conglomerate
- --5 Sandstone
- --6 Augen
- --7 Granulite
- --8 Quartz diorite
- --9 Diorite
- --0 Amphibolite



STREAM & SEEPAGE SEDIMENT SAMPLE CODING KEY

RECORD NUMBER	SAMPLE TYPE / YEAR / PROJECT CODE / PROPERTY CODE 1 / DUPLICATE ROTATION	SAMPLE NUMBER	ZONE	UTM EAST	UTM NORTH	NTS MAP SHEET	PROPERTY CODE 2 / SAMPLE ENVIRONMENT	PRECIPITATE / OVERBURDEN TRANSPORT	OVERBURDEN ORIGIN / BEDROCK	pH	SAMPLE TEXTURE	AVERAGE WIDTH OF STREAM-M	AVERAGE DEPTH OF STREAM-CM	STREAM VELOCITY / INDICATE AS TRIBUTARY	GEOLOGY / COLOUR-STREAM SEDIMENTS	CONDUCTIVITY-WATER	CONTAMINATION / ORGANIC FRACTION / MINERAL FRACTION	GAMMA SOLID ANGLE	SCINTILLOMETER READING-cps	OUTCROP	DIRECTION AND SLOPE OF STREAM FLOW	ppm U	ppm Cu	ppm Pb	ppm Co	ppm Ni	ppm Mo	ppm Mn	% Fe
1	1C794126	235280	YY	573592	7416454	86J14	09	L	8P	6.62		4	14		111BX		42	2	140		2 S	10.5	132	110	35	70			
2	1C794126	235281	YY	573588	7416436	86J14	09	L	8P	6.92		7	14		111ER		43	2	120		2SW	16.0	170	140	43	72			
3	1C794126	235282	YY	573566	7416400	86J14	85	L	8P	6.82		4	14		111DR		43	2	95		2SW	10.5	185	65	22	72			
4	1C794126	235283	YY	573549	7416379	86J14	85	L	8P	6.71		4	12		111RS		41	2	80		2SW	17.5	220	88	28	80			
5	1C794126	235284	YY	573567	7416378	86J14	85	L	8P	6.9		4	13		111		43	2	130		2SW	24.0	175	120	35	85			
6	1C794126	236077	YY	573069	7416380	86J14	85	1G	1P		31	4	134		2141		33				1A	0.5	14	32		64			

SOIL SAMPLE CODING KEY

RECORD NUMBER	SAMPLE TYPE / YEAR / PROJECT CODE / PROPERTY CODE 1 / DUPLICATE ROTATION	SAMPLE NUMBER	ZONE	UTM EAST	UTM NORTH	NTS MAP SHEET	PROPERTY CODE 2 / SITE TOPOGRAPHY / SAMPLE ENVIRONMENT / SITE DRAINAGE / OVERBURDEN TRANSPORT / WATER MOVEMENT / OVERBURDEN ORIGIN / BEDROCK EXPOSURE	pH	SAMPLE TEXTURE / TOP OF SAMPLE INTERVAL-CM	BOTTOM OF SAMPLE INTERVAL-CM / SOIL HORIZON / SOIL TYPE	GEOLOGY	SOIL COLOUR	CONTAMINATION / % COARSE FRAGMENTS / SHAPE OF COARSE FRAGMENTS / GAMMA SOLID ANGLE	SCINTILLOMETER READING-cps	OUTCROP	SLOPE ANGLE & DIRECTION	ppm U	ppm Cu	ppm Pb	ppm Co	ppm Ni	ppm Mo	ppm Mn	% Fe
1937	5C794127	221290	YY	546970	7388390	86J12	0721VU1	7.75	20	30C1P		GYBR	40S2	110			.3	30	25		39			
1938	5C794122	221291	YY	546840	7388390	86J12	0721VU1	7.95	20	30C1R		GY	30S2	100			.3	30	27		38			
1939	5C794127	221292	YY	546690	7388380	86J12	0721VU1	7.54	20	30C1R		GY	20S2	100			.2	22	26		40			
1940	5C794122	221293	YY	546540	7388370	86J12	0721VU1	7.45	20	30C1R		GYGR	10S2	100			.1	20	25		36			
1941	5C794122	221294	YY	546390	7388370	86J12	0721VU1	7.24	15	25C1R		GY	10K2	100			.4	24	25		39			
1942	5C794122	221295	YY	546240	7388370	86J12	0721VU1	7.25	20	30C1R		GY	10S2	100			.3	20	25		36			
1943	5C794122	221296	YY	546050	7388360	86J12	0721NU1	7.64	20	30C1R		GY	15S2	90			.2	27	25		34			

DWG NO. 00-110

	TYPE	YEAR	PROJECT	PROPERTY	ID	EASTING	NORTHING	NTS	pH						Mo	Cu	Pb	Zn	Ni	U	Mn
15	10	81	524	1	622036			93E16 1 L	1B5.420 1 153			2		E	1	7	5	36	9	2	173
16	50	81	524	1	622001	664425	5974259	93E16 772U	1 5.45		MBR	10S			0	9	16	60	12	0	185
17	50	81	524	1	622002	664375	5974269	93E16 774U	1 5.35		LGYBR	20S			0	10	14	58	10	0	203
18	50	81	524	1	622003	664326	5974278	93E16 774U	1 5.05		MGY	20S			0	7	12	43	8	0	167
19	50	81	524	1	622004	664278	5974288	93E16 773U	1 4.65		MGYBR	15S			0	6	9	54	9	0	178
20	50	81	524	1	622005	664230	5974298	93E16 774U	1 4.75			20S			0	7	12	50	8	0	165
21	50	81	524	1	622006	664180	5974307	93E16 774U	4.75		MGYBR	25S			0	5	11	47	6	1	132
22	50	81	524	1	622007	664132	5974317	93E15 773U	1 4.75		MGYBR	10S			0	4	9	44	6	0	112
23	50	81	524	1	622008	664082	5974328	93E15 772U	1 4.94		MBR	10S			0	12	14	113	16	1	187
24	50	81	524	1	622009	664034	5974338	93E15 974U	1 5.47		LGY	5S			0	22	17	82	14	1	334
25	50	81	524	1	622010	663984	5974345	93E15 774U	1 5.15		LGY	8S			0	5	9	45	9	0	173
26	50	81	524	1	622011	663935	5974356	93E15 774U	1 5.07		MGYBR	05S			0	7	11	49	9	1	166
27	50	81	524	1	622012	663887	5974365	93E15 772U	1 5.25		MGYBR	10S			0	3	8	40	5	2	137
28	50	81	524	1	622013	663837	5974377	93E15 773U	1 5.15		MBRGY	10S			0	3	5	43	5	1	143
29	50	81	524	1	622014	663465	5974551	93E15 964	1 5.20		MBRGY	00			2	22	26	153	16	3	625
30	50	81	524	1	622015	663513	5974541	93E15 774U	1 5.27		LGYBR	10			0	5	13	61	9	1	204
31	50	81	524	1	622016	663563	5974532	93E15 772U	1 5.25		MGYBR	15S			0	7	13	66	9	0	192
32	50	81	524	1	622017	663611	5974522	93E15 973U	1 5.0		BL	00			0	3	1	11	0	3	46
33	50	81	524	1	622018	663662	5974513	93E15 973U	1 5.05		LBR	5			1	12	16	99	13	0	189
34	50	81	524	1	622019	663710	5974502	93E15 573U	1 5.05		MBR	10			0	6	16	87	9	0	201
35	50	81	524	1	622020	663760	5974493	93E15 472U	1 5.35		MBR	05S			0	6	12	53	7	0	188
36	50	81	524	1	622021	663808	5974484	93E15 964U	1 5.20		MBR	000			1	17	25	120	14	5	1241
37	50	81	524	1	622022	663907	5974465	93E15 774U	1 5.45		MBR	25S			0	4	12	58	10	0	177
38	50	81	524	1	622023	663954	5974455	93E15 774U	1 5.45		DGY	30S			1	16	23	128	14	2	848
39	50	81	524	1	622024	664004	5974446	93E15 774U	1 5.55		MGYBR	10S			0	3	9	43	5	0	115
40	50	81	524	1	622025	664052	5974437	93E15 774U	1 5.05		MGYBR	10S			0	5	9	54	7	1	218
41	50	81	524	1	622026	664102	5974426	93E15 774U	1 5.25		MBRGY	10S			1	8	15	86	13	0	212
42	50	81	524	1	622027	664151	5974416	93E15 774U	1 5.55		MGY	20S			0	7	13	93	10	1	519
43	50	81	524	1	622028	664200	5974406	93E16 774U	1 5.45		MGYBR	40S			0	3	10	49	6	0	128
44	50	81	524	1	622029			93E16 A1U	1P4.9725 30BMB	2		1A	1510		2	9	15	80	13	2	171
45	50	81	524	1	622030			93E16 141U	1 5.8930 35BMB			10S	15GO		2	11	28	163	13	2	543
46	50	81	524	1	622031			93E16 41U	8 5.3520 25BMB212GN			10S	30 S		1	8	17	85	13	1	231
47	50	81	524	1	622033			93E16 171U	1B5.5530 35BFP			5S	50 E		0	9	7	45	9	1	218
48	50	81	524	1	622034			93E16 242U	1B5.3530 35BFP			15S	010S		0	13	7	35	11	2	177
49	50	81	524	1	622035			93E16 242U	2B5.1530 35BFP			20	03SW		0	9	7	44	9	2	178
50	50	81	524	1	622038			93E16 171U	2B5.8540045BFP2				00		0	15	6	36	9	1	202
51	50	81	524	1	622039			93E16 171U	1D5.4520 25BFP242			20S	020S		1	5	12	80	7	1	188
52	50	81	524	1	623001	664249	5974397	93E16 772U	5.25		LBR	10S			1	7	13	81	10	0	173
53	50	81	524	1	623002	664297	5974387	93E16 772U	5.25		LBR	15S			1	13	17	96	12	0	165
54	50	81	524	1	623003	664347	5974377	93E16 772U	5.05		MBR	20S			1	8	12	75	9	0	164
55	50	81	524	1	623004	664396	5974366	93E16 772U	5.35		LBR	10S			1	9	15	63	10	0	146
56	50	81	524	1	623005	664445	5974358	93E16 774U	5.24		GY	15S			0	6	13	51	6	0	214
57	50	81	524	1	623006	664268	5974494	93E16 772U	5.15		LBR	05S			1	9	10	43	8	0	157
58	50	81	524	1	623007	664318	5974484	93E16 772U	5		MGYBR	05S			1	9	13	82		0	207

Listing of 524LIST.S1 at 02:25:43 on NOV 25, 1981 for CCid=BPOG

59	50	81	524	1	623008	664415	5974466	93E16	772U	5.15
60	50	81	524	1	623009	664465	5974456	93E16	773U	5.35
61	50	81	524	1	623010	664170	5974514	93E16	772U	5.15
62	50	81	514	1	623011	664220	5974503	93E16	773U	5.25
63	50	81	514	1	623012	664122	5974523	93E15	773U	5.05
64	50	81	524	1	623013	664074	5974532	93E15	772U	5.25
65	50	81	524	1	623014	664021	5974543	93E15	773U	5.25
66	50	81	524	1	623015	663680	5974610	93E15	772U	5.25
67	50	81	524	1	623016	663629	5974620	93E15	172U	5.15
68	50	81	524	1	623017	663580	5974629	93E15	172U	5.45
69	50	81	524	1	623018	663483	5974648	93E15	471U	4.84
70	50	81	524	1	623019	663552	5974737	93E15	171U	5.24
71	50	81	524	1	623020	663504	5974747	93E15	772U	5.44
72	50	81	524	1	623021	663601	5974727	93E15	772U	5.45
73	50	81	524	1	623022	663700	5974709	93E15	772U	5.25
74	50	81	524	1	623023	663749	5974698	93E15	772U	5.04
75	50	81	524	1	623024	663796	5974689	93E15	273U	5.15
76	50	81	524	1	623025	663847	5974679	93E15	772U	5.34
77	50	81	524	1	623026	663896	5974670	93E15	974U	5.31
78	50	81	524	1	623027	663946	5974661	93E15	774U	5.3
79	50	81	524	1	623028	664141	5974622	93E15	772U	5.25
80	50	81	524	1	623029	664191	5974611	93E16	773U	5.05
81	50	81	524	1	623030	664240	5974601	93E16	773U	5.15
82	50	81	524	1	623031	664384	5974572	93E16	772U	5.05
83	50	81	524	1	623032	664435	5974564	93E16	772U	5.25
84	50	81	524	1	623033	664483	5974553	93E16	773U	4.91
85	50	81	524	1	623034	664453	5974661	93E16	774U	5.05
86	50	81	524	1	623035	664404	5974671	93E16	772U	5.05
87	50	81	524	1	623036	664356	5974680	93E16	773U	5.05
88	50	81	524	1	623037	664308	5974689	93E16	773U	5.05
89	50	81	524	1	623038	664258	5974699	93E16	773U	5.15
90	50	81	524	1	623039	664210	5974710	93E16	773U	5.25
91	50	81	524	1	623040	664062	5974738	93E15	973U	5.35
92	50	81	524	1	623041	664013	5974749	93E15	274U	5.35
93	50	81	524	1	623042	663965	5974758	93E15	973U	5.35
94	50	81	524	1	623043	663915	5974768	93E15	272U	5.24
95	50	81	524	1	623044	663865	5974778	93E15	173U	5.15
96	50	81	524	1	623045	663816	5974787	93E15	772U	5.35
97	50	81	524	1	623046	663718	5974806	93E15	474U	5.37
98	50	81	524	1	623047	663669	5974816	93E15	272U	5.35
99	50	81	524	1	623048	663621	5974825	93E15	272U	5.54
100	50	81	524	1	623049	663570	5974836	93E15	872U	5.43
101	50	81	524	1	623050	663521	5974846	93E15	272U	5.45
102	50	81	524	1	623051	663543	5974943	93E15	172U	5.55
103	50	81	524	1	623052	663590	5974935	93E15	772U	5.23
104	50	81	524	1	623053	663641	5974923	93E15	272U	5.13
105	50	81	524	1	623054	663690	5974914	93E15	272U	5.45
106	50	81	524	1	623055	663737	5974904	93E15	272U	5.25
107	50	81	524	1	623056	663788	5974894	93E15	272U	5.14
108	50	81	524	1	623057	663837	5974886	93E15	274U	5.15
109	50	81	524	1	623058	663886	5974875	93E15	273U	5.35
110	50	81	524	1	623059	663933	5974866	73E15	273U	5.47
111	50	81	524	1	623060	663982	5974857	93E15	273U	5.45
112	50	81	524	1	623061	664032	5974845	93E15	273U	5.35
113	50	81	524	1	623062	664081	5974836	93E15	974U	5.25
114	50	81	524	1	623063	664131	5974826	93E15	772U	5.55
115	50	81	524	1	623064	664179	5974816	93E16	274U	5.45
116	50	81	524	1	623065	664227	5974807	93E16	273U	5.55

MGY	25S	0	8	9	57	8	0	158
MGY	20S	0	5	12	38	7	0	159
MGYBR	10S	0	5	11	57	8	1	165
MGYBR	05S	1	9	11	70	11	0	178
GY	15S	0	3	8	39	5	0	139
MGYBR	20S	1	6	9	47	8	0	173
LGYBR	30S	0	4	12	44	6	0	171
LBR	10S	1	6	12	57	8	0	196
MGYBR	10S	1	6	13	102	9	0	190
MGYBR	10S	0	3	12	159	5	0	125
LBR	10S	1	3	16	158	5	0	259
MBR	05S	1	7	16	105	12	1	253
MRDBR	05S	1	5	14	65	7	0	189
GYBR	10S	0	3	7	47	6	1	212
GYBR	10S	1	5	14	66	8	0	250
MBR	07S	2	6	16	85	14	0	188
GYBR	10S	1	6	10	74	7	0	168
MBR	00S	1	10	11	92	9	0	393
GYBR	00S	0	8	8	55	7	0	240
MGYBR	00	0	3	11	38	5	0	126
MGYBR	15S	0	9	11	73	12	0	219
GY	25S	0	3	7	51	7	0	146
MGYBR	20S	1	8	10	66	11	0	142
MBR	10S	1	8	19	87	14	0	179
MGYBR	10S	0	5	10	42	7	0	183
MBR	50	0	2	7	28	3	0	65
MGY	25S	0	5	13	46	6	0	102
MGYBR	03S	0	3	10	36	5	0	106
MBRGY	10S	0	5	10	52	7	0	139
MBRGY	10S	0	6	9	48	7	0	212
MBRGY	10S	1	9	11	59	10	0	220
LGYBR	5S	0	6	10	43	8	1	170
LGYBR	25S	0	5	11	53	8	0	237
LGYBR	25S	0	3	9	43	8	0	184
LGY	5S	0	3	10	48	7	1	183
LBR	05S	0	3	9	52	6	2	186
MGYBR	10S	1	11	15	98	12	0	244
MRBR	05S	0	3	11	44	7	0	218
MBRGY	00S	0	7	11	26	5	1	127
MBRGY	05S	1	6	13	96	8	0	248
MBR	10S	1	8	13	69	9	1	237
MGY	25S	0	1	3	32	1	0	329
MGY	5S	0	4	12	49	6	0	154
MBRGY	5S	1	9	14	49	9	1	177
MRBR	10S	1	3	15	222	7	1	178
MBRGY	10S	1	5	27	98	9	0	348
MGYBR	10S	0	4	10	47	5	0	163
MGYBR	15S	0	6	9	53	7	1	180
RBR	15S	1	4	17	125	6	0	156
MGYBR	00S	2	31	24	93	13	1	944
MGYBR	05S	0	3	7	37	5	2	172
GYBR	00S	0	3	9	26	5	0	114
GYBR	05S	0	3	10	51	6	0	169
GYBR	05S	0	4	9	44	7	0	154
GY	05S	0	9	14	64	8	0	297
GYBR	10S	0	5	11	43	8	1	203
LGY	10S	0	2	4	32	4	1	108
MGYBR	05S	0	3	7	49	8	0	176

117	50	81	524	1	623066	664326	5974788	93E16	273U	5.25			MGYBR	20S		0	4	5	45	7	1	143
118	50	81	524	1	623067	664375	5974779	93E16	273U	5.35			MGYBR	05S		0	2	6	40	5	0	169
119	50	81	524	1	623068	664425	5974768	93E16	773U	5.15			MGYBR	15S		0	2	9	18	1	2	69
120	50	81	524	1	623069	664474	5974758	93E16	272U	5.05			MBRGY	10S		0	2	7	40	7	0	127
121	50	81	524	1	623070	664521	5974749	93E16	772U	5.25			BRGY	05S		0	2	6	33	6	2	124
122	50	81	524	1	623071	664444	5974865	93E16	772U	5.25			LGYBR	20S		0	5	10	53	8	1	164
123	50	81	524	1	623072	664345	5974885	93E16	27 U	5.04			MBR	5S		0	1	8	57	6	0	125
124	50	81	524	1	623073	664297	5974895	93E16	473U	5.24			MBRGY	5S		0	2	8	67	6	1	140
125	50	81	524	1	623074	664247	5974904	93E16	772U	5.55			MBRGY	10S		0	5	15	58	9	1	304
126	50	81	524	1	623075	664197	5974913	93E16	772U	5.15			MBRGY	10S		1	9	13	83	13	0	212
127	50	81	524	1	623076	664149	5974923	93E16	272U	5.35			LBRGY	5S		1	9	14	54	9	0	188
128	50	81	524	1	623077	664097	5974935	93E15	372U	5.35			MBRGY	5S		1	6	14	73	9	0	247
129	50	81	524	1	623078	664051	5974943	93E15	772U	5.48			MBRGY	5S		0	5	10	42	6	0	145
130	50	81	524	1	623079	664002	5974953	93E15	272U	5.14			MBR	5S		1	3	13	54	5	0	272
131	50	81	524	1	623080	663953	5974962	93E15	72U	5.14			MGYBR	10S		0	5	18	68	8	0	349
132	50	81	524	1	623081	663902	5974973	93E15	72U	5.24			MBRGY	20S		1	4	15	51	6	2	416
133	50	81	524	1	623082	663853	5974983	93E15	272U	5.44			MBRGY	15S		1	2	11	81	5	1	307
134	50	81	524	1	623083	663804	5974992	93E15	272U	5.24			MBRGY	20S		0	2	10	42	4	0	141
135	50	81	524	1	623084	663705	5975012	93E15	473U	5.45			MGYBR	20S		0	4	10	43	5	1	108
136	50	81	524	1	623085	663658	5975022	93E15	272U	5.15			MRBR	15S		1	4	16	60	7	1	130
137	50	81	524	1	623086	663607	5975030	93E15	272U	5.15			MBRGY	S		0	5	11	40	7	0	155
138	50	81	524	1	623087	663561	5975039	93E15	272U	5.25			MBRGY	10S		1	5	14	66	10	1	449
139	50	81	524	1	623088			93E15	273E	1	5.8525	30BFP	MGYBR	5S	5SE	0	8	8	60	8	1	166
140	50	81	524	1	623089			93E15	272E	1	5.4520	25BFP	MBR	10S	4NW	1	9	10	70	9	2	257
141	50	81	524	1	623090			93E15	272E	1	5.8420	25BFP	MBR	5S	8SE	0	9	8	61	12	3	259
142	50	81	524	1	623091			93E15	772E	1	5.6720	23BFP	MRBR	0S	2E	1	11	10	43	12	2	197
143	50	81	524	1	623092			93E15	772E	1	5.4530	35BMB	MGY	15S	4E	0	8	10	41	9	0	194
144	50	81	524	1	623093			93E15	272E	1	5.4420	25BFP	MRBR	15S	9SE	1	9	9	59	11	1	227
145	50	81	524	1	623094			93E15	272E	1	4.8525	30BFP	MBR	5S	3S	0	5	10	54	9	0	122
146	50	81	524	1	623095			93E15	272E	1	5.3525	30BMB	MGYBR	P 5S	5W	0	7	8	67	8	2	200
147	50	81	524	1	623096	664413	5974973	93E16	272E	1	5.3525	30BFP	MRBR	0	7SE	1	9	11	81	11	1	181
148	50	81	524	1	623097	664363	5974983	93E16	273E	1	5.3525	30BMB	MGY	5S	3S	0	8	12	64	9	2	182
149	50	81	524	1	623098	664549	5975151	93E16	274E	1	6.0520	30BMB	MGYBR	15S	2NE	0	13	14	98	13	4	350
150	50	81	524	1	623099	664601	5975140	93E16	273E	1	5.0525	30BMB	MGY	10S	2NE	0	7	9	56	9	0	171
151	50	81	524	1	623100	664501	5975160	93E16	27 E	1	4.8525	30BFP	MGYBR	10M	4NE	1	28	27	140	16	3	471
152	50	81	524	1	623101	664451	5975170	93E16	272E	1	5.0525	30BFP	MGYBR	5S	7NW	0	6	10	50	8	1	173
153	50	81	524	1	623102	664403	5975180	93E16	172E	1	5.1520	25BMB	MGYBR	20S	10NW	2	27	28	158	14	3	831
154	50	81	524	1	623103	664378	5975185	93E16	472F	1	4.8415	25BFP	MGYBR	10S	20E	1	8	13	109	7	2	326
155	50	81	524	1	623104	664330	5975194	93E16	272E	1	5.4520	30BFP	MRDBR	5S	2W	2	13	16	113	15	3	210
156	50	81	524	1	623105	664281	5975204	93E16	272E	1	5.0420	30BFP	MRDBR	5S	7S	1	6	16	123	8	3	358
157	50	81	524	1	623106	664232	5975213	93E16	372E	1	5.0525	30BFP	MBRGY		30E	1	7	13	60	7	3	251
158	50	81	524	1	623107	664183	5975223	93E16	274E	1	5.852530	BMB	DGY	10S	4E	2	39	30	153	18	6	1080
159	50	81	524	1	623108	664036	5975253	93E15	272E	1	5.8420	25BFP	MBRGY	5S	12E	0	9	12	55	8	2	208
160	50	81	524	1	623109	663986	5975263	93E15	282E	1	6.2415	20BFP	MBR	15S	10NW	0	4	10	74	4	0	243
161	50	81	524	1	623110	663939	5975272	93E15	292E	1	5.1415	25BFP	RDBR	15S	5NW	1	6	14	105	6	2	137
162	50	81	524	1	623111	663913	5975277	93E15	472L	1	5.4415	20BFP	MRDBR	25A	30SE	1	5	12	134	7	1	192
163	50	81	524	1	623112	663864	5975287	93E15	272E	1	5.7525	30BMB	MBRGY	15S	5E	0	5	7	57	8	1	164
164	50	81	524	1	623113	663815	5975296	93E15	272E	1	5.2525	30BFP	MRBR	5S	3E	1	7	11	65	8	1	164
165	50	81	524	1	623114	663764	5975306	93E15	293E	1	5.3525	30BMB	MGYBR	5S	4E	0	10	12	67	7	0	153
166	50	81	524	1	623115	663716	5975316	93E15	272E	1	5.4520	30BFP	MGYBR	10S	15E	0	6	11	64	7	0	495
167	50	81	524	1	623116	663666	5975326	93E15	272E	1	5.3420	30BFP	MRDBR	20S	8S	1	6	14	214	7	1	228
168	50	81	524	1	623117	663619	5975336	93E15	272E	1	5.2420	30BFP	MRDBR	5S	8S	1	10	14	74	10	2	190
169	50	81	524	1	624001			93E15	483E	1	6.1520	30BH0	DKBL	P10S	7NW	0	23	13	102	16	3	363
170	50	81	524	1	624002			93E15	172E	1	5.4525	30BMB	MBR	P 5S	4NW	0	10	11	52	11	0	184
171	50	81	524	1	624003			93E15	273E	1	5.4520	30BFB	MBRGY	P10S	6E	0	9	11	66	14	0	155
172	50	81	524	1	624004			93E15	272E	1	5.1525	30BFB	MRDBR	P 5S	3NW	1	10	11	77	13	0	172
173	50	81	524	1	624005			93E15	472E	1	5.5820	30BTL	BR	P10S	7SE	3	52	34	135	16	2	2351
174	50	81	524	1	624006			93E15	272E	1	5.3425	30BFB	MRDBR	P	10NW	0	9	11	126	16	0	226

175	50 81 524 1	624007	663639 5975432	93E15	272E	1	5.4425	30BFP	MRBR	10S	6W	1	8	20	138	10	1	187
176	50 81 524 1	624008	663687 5975422	93E15	271E	1	5.1420	25BFP	MBRGY	30A	4W	0	4	16	148	3	1	649
177	50 81 524 1	624009	663736 5975412	93E15	272E	1	5.4420	25BFP	MBRGY	10S	4W	0	5	16	109	8	1	222
178	50 81 524 1	624010	663786 5975403	93E15	372E	1	5.6425	30BFP	MRDBR		20SE	0	7	15	95	12	1	175
179	50 81 524 1	624011	663834 5975393	93E15	72E	1	5.4420	25BFP	MRDBR	5S	8SE	0	7	15	81	7	3	573
180	50 81 524 1	624012	663882 5975384	93E15	272E	1	5.3520	30BFP	MRDBR		4SE	0	6	11	105	8	0	120
181	50 81 524 1	624013	663980 5975365	93E15	372E	1	5.2520	25BFP	MBR	15S	30E	0	5	10	64	6	0	145
182	50 81 524 1	624014	664029 5975355	93E15	272E	1	5.6425	30BFP	MRBR	5S	9E	0	8	14	93	9	1	169
183	50 81 524 1	624015	664079 5975344	93E15	272E	1	5.8425	30BFP	MRBR	5S	8SE	0	7	16	92	10	0	166
184	50 81 524 1	624016	664129 5975335	93E16	272E	1	5.3420	25BFP	MBR	5S	6SE	0	6	14	134	6	0	314
185	50 81 524 1	624017	664178 5975326	93E16	272E	1	5.2415	20BFP	MBR	15S	5E	1	20	23	122	15	3	730
186	50 81 524 1	624018	664324 5975297	93E16	272E	1	5.5525	30BFP	MRDBR	10S	4W	0	6	11	109	7	0	155
187	50 81 524 1	624019	664374 5975287	93E16	774E	1	5.8525	30BMB	MGY	15S	0	0	9	12	44	8	1	107
188	50 81 524 1	624020	664421 5975276	93E16	272E	1	5.7515	25BFP	MRBR	5S	10SE	1	9	17	120	8	0	140
189	50 81 524 1	624021	664518 5975256	93E16	272E	1	6.0415	25BFP	BRGY	5S	3NW	1	13	20	73	10	2	478
190	50 81 524 1	624022	664569 5975248	93E16	272E	1	5.1420	25BFP	RDBR	5S	3W	1	11	19	174	9	0	207
191	50 81 524 1	624023	664619 5975238	93E16	272E	1	5.0520	30BFP	MRDBR	10S	6NW	1	13	19	115	14	1	364
192	50 81 524 1	625001	664463 5974965	93E16	272E	1	5.05 8	18BFP	MGYBR	5R	8S	2	13	14	118	12	0	216
193	50 81 524 1	625002	664512 5974953	93E16	473E	1	5.1520	30BMB	MGY	20M	3S	0	7	13	55	9	0	176
194	50 81 524 1	625003	664561 5974944	93E16	272E	1	5.4415	22BFP	MRB	10S	3NW	2	11	16	153	14	0	202
195	50 81 524 1	625004	664579 5975042	93E16	272E	1	5.3520	25BFP	MGYBR	10R	3S	2	12	13	75	13	0	188
196	50 81 524 1	625005	664530 5975053	93E16	272E	1	5.2420	25BFP	MRBGY	10R	4S	1	11	15	89	11	0	155
197	50 81 524 1	625006	664481 5975064	93E16	172E	1	5.2420	25BFP	MRBR	5M	3SW	2	9	20	159	18	0	177
198	50 81 524 1	625007	664431 5975072	93E16	272E	1	5.1415	25BFP	MRBR	5M	8SE	2	11	15	107	13	0	181
199	50 81 524 1	625008	664384 5975083	93E16	272E	1	5.3525	30BFP	MRBR	5M	3NW	2	9	16	121	12	0	175
200	50 81 524 1	625009	664335 5975092	93E16	282E	1	5.1415	23BFP	MRBR	5M	6NW	1	9	13	96	10	0	184
201	50 81 524 1	625010	664285 5975103	93E16	372E	1	4.8415	25BMB	MBR		26NW	2	11	18	85	10	0	377
202	50 81 524 1	625011	664261 5975107	93E16	472E	1	5.3420	25BMB	MBR	0	30SE	1	8	14	83	8	0	218
203	50 81 524 1	625012	664213 5975117	93E16	273E	2	5.3430	35BMB	MBRGY	50R	2SE	1	12	24	81	12	0	530
204	50 81 524 1	625013	664164 5975125	93E16	273E	1	5.0530	35BMB	MGY	10M	7SE	0	6	8	59	6	0	155
205	50 81 524 1	625014	664115 5975137	93E15	272E	1	5.1520	25BFP	MGY	15M	3SE	0	6	10	47	7	0	166
206	50 81 524 1	625015	664066 5975146	93E15	272	1	5.3525	30BFP	MBR	10S	3E	1	6	14	124	12	0	176
207	50 81 524 1	625016	664018 5975155	93E15	872E	1	5.3315	20BFP	MRBR	5R	4SE	1	5	13	175	9	0	250
208	50 81 524 1	625017	663942 5975170	93E15	272E	1	4.8315	20BFP	MBRRD	10M	2SE	2	8	20	174	6	0	343
209	50 81 524 1	625018	663893 5975180	93E15	442L	8	P6.0415	25BMB	MBR	75A	3E	0	5	11	172	4	0	581
210	50 81 524 1	625019	663844 5975188	93E15	272E	1	5.2420	25BFP	MRDBR	10R	8S	2	10	16	124	13	0	254
211	50 81 524 1	625020	663797 5975198	93E15	492E	1	5.2515	25BMB	MBRGY	10S	5SE	1	7	11	53	7	0	229
212	50 81 524 1	625021	663746 5975209	93E15	292E	1	5.7520	25BMB	MGYBR	10S	10SE	0	7	10	77	9	0	199
213	50 81 524 1	625022	663698 5975218	93E15	292E	1	5.2530	35BMB	MGYBR	10S	10SE	1	11	15	95	11	0	209
214	50 81 524 1	625023	663648 5975228	93E15	272E	1	4.9525	30BMB	MGYBR	10S	10E	0	7	11	58	6	0	159
215	50 81 524 1	625024	663602 5975237	93E15	272E	1	5.1525	30BMB	MGYBR	10S	6SE	1	9	13	91	10	1	322
216	50 81 524 1	625025	663581 5975140	93E15	292E	1	5.0525	30BMB	MBR	5S	10SE	1	9	17	130	10	0	306
217	50 81 524 1	625026	663628 5975130	93E15	292E	1	5.2525	30BMB	MBR	5S	10SE	2	12	17	147	12	0	198
218	50 81 524 1	625027	663677 5975120	93E15	272E	1	5.2525	30BMB	MBRGY	10S	10SE	0	10	12	89	10	0	211
219	50 81 524 1	625028	663725 5975111	93E15	272E	1	5.1525	30BFP	MBRGY	10S	6SE	0	7	13	79	8	0	177
220	50 81 524 1	625029	663776 5975100	93E15	292E	1	5.7525	30BMB	MBRGY	20S	7SE	1	9	20	100	10	0	291
221	50 81 524 1	625030	663824 5975091	93E15	272E	1	5.4515	20BMB	MBRGY	10S	12SE	0	6	10	85	7	2	274
222	50 81 524 1	625031	663874 5975080	93E15	172E	1	5.4515	20BMB	MBRGY	10S	4SE	0	4	11	81	6	0	188
223	50 81 524 1	625032	663924 5975071	93E15	772E	1	4.9520	25BFP	MRBR	15S	2NW	1	7	17	69	7	0	172
224	50 81 524 1	625033	663971 5975062	93E15	272E	1	5.2425	30BFP	MRBR	5S	6SE	1	6	16	192	8	0	147
225	50 81 524 1	625034	664045 5975047	93E15	272E	1	4.8520	25BFP	MRBR	10S	3SE	1	9	14	82	9	0	171
226	50 81 524 1	625035	664096 5975038	93E15	474E	1	5.5525	30BMB	MGY	25S	FLAT	0	6	12	44	7	0	146
227	50 81 524 1	625036	664146 5975027	93E16	273E	1	5.4420	30BMB	MGY	10S	3SE	0	6	11	57	7	0	195
228	50 81 524 1	625037	664169 5975022	93E16	472E	1	5.2515	20BFP	MBR	5S	26SE	1	8	12	71	7	0	244
229	50 81 524 1	625038	664195 5975017	93E16	472E	1	5.4520	30BFP	MBR	5S	26SE	1	10	16	115	10	0	339
230	50 81 524 1	625039	664244 5975008	93E16	172E	1	5.3520	30BFP	MRDBR	10S	3SE	1	7	14	119	7	0	459
231	50 81 524 1	*625040	664317 5974992	93E16	674E	1	5.0520	30BMB	MGYBR	5S	2NW	0	9	12	57	10	0	186
232	50 81 524 1	*625041	664317 5974992	93E16	674E	1	4.952	30BMB	MGYBR	20S	2NW	0	6	10	63	8	0	153

	TYPE	YEAR	PROJECT	PROPERTY	ID	NTS	pH				Mo	Cu	Pb	Zn	Ni	U	Mn
Listing of 524LIST.S1 at 02:25:43 on NOV 25, 1981 for CCid=BPOG																Page	5
233	50	81	524	1	625042	93E15 282E 1	6.0320	25BMB	MBR	10S	10S	1	8	10	65	15	0 319
234	50	81	524	1	625043	93E15 282E 1	6.1425	35BMB	LOLBR	5S	15S	1	7	7	54	14	0 241
235	50	81	524	1	625044	93E15 474U 1	5.8420	25BMB	LOLBR	30M	1S	1	18	13	70	12	0 412
236	50	81	524	1	625045	93E15 272E 1	4.9420	25BMB	MRB	P10S	2E	1	15	10	71	14	0 175
237	50	81	524	1	625046	93E15 282M 1	520	30BMB	MBRRB	P40S	3E	1	7	11	73	7	0 250
238	50	81	524	1	625047	93E15 472L 1	P5.6720	30BMB	MOLBR	P 2S	3S	1	8	10	57	10	0 171
239	50	81	524	1	625048	93E15 272M 1	5.4520	30BFP	MRB	P10S	6S	1	7	8	78	9	0 179
240	50	81	524	1	625049	93E15 272U 1	5.8515	25BFP	LRB	P15S	3N	1	8	12	81	14	0 217
241	50	81	524	1	625050	93E15 272E 1	5.4520	30BMB	LGYBR	20S	2N	0	7	10	58	9	0 164

	TYPE	YEAR	PROJECT	PROPERTY	ID	Fe%	Ag	Co	Au (ppb)	Hg (ppb)	Sb	W	Tn	Cd	Bi	V	Ba	Al%	Fe%
15	10	81	524	1	622036	2.1	0.	6	5	40	0	0	1	0	1	56	99	1.30	2.1
16	50	81	524	1	622001	2.2	.3	7	5	40	0	0	1	0	1	45	87	1.53	2.2
17	50	81	524	1	622002	1.9	.2	5	5	45	0	0	2	0	1	39	84	1.50	1.9
18	50	81	524	1	622003	1.4	.2	4	5	35	0	0	1	0	0	31	60	1.04	1.4
19	50	81	524	1	622004	1.6	.2	5	5	45	0	0	1	0	0	33	71	1.23	1.6
20	50	81	524	1	622005	1.4	.2	4	5	25	0	1	1	0	0	30	77	1.32	1.4
21	50	81	524	1	622006	1.2	.2	3	5	35	0	0	1	0	0	26	71	1.21	1.2
22	50	81	524	1	622007	1.1	.1	3	5	25	0	0	1	0	0	26	66	1.03	1.1
23	50	81	524	1	622008	2.2	.3	7	15	45	0	0	1	0	1	40	141	2.20	2.2
24	50	81	524	1	622009	2.5	.3	8	5	55	0	0	2	0	2	44	196	1.66	2.5
25	50	81	524	1	622010	1.6	.1	5	5	30	0	1	1	0	0	34	85	1.15	1.6
26	50	81	524	1	622011	1.5	.1	4	5	30	0	0	1	0	0	32	93	1.18	1.5
27	50	81	524	1	622012	1.2	.1	3	5	20	0	0	1	0	0	31	70	.85	1.2
28	50	81	524	1	622013	1.1	.2	3	5	25	0	0	1	0	0	26	62	.83	1.1
29	50	81	524	1	622014	3.3	.8	10	5	80	2	0	2	1	3	46	324	2.42	3.3
30	50	81	524	1	622015	1.9	.1	6	5	30	0	0	1	0	1	38	93	1.08	1.9
31	50	81	524	1	622016	2.2	.1	6	5	40	0	0	1	0	0	40	132	1.28	2.2
32	50	81	524	1	622017	.1	.1	0	5	140	0	0	0	0	0	2	67	.09	.1
33	50	81	524	1	622018	2.2	.2	8	5	40	0	0	1	1	1	43	109	1.89	2.2
34	50	81	524	1	622019	1.7	.2	6	5	40	0	0	1	0	0	35	91	1.44	1.7
35	50	81	524	1	622020	1.4	.2	5	25	40	0	0	1	0	0	31	115	1.02	1.4
36	50	81	524	1	622021	2.7	1.3	11	5	100	1	0	2	1	3	44	352	2.75	2.7
37	50	81	524	1	622022	1.5	.2	6	15	25	0	0	1	0	0	32	96	1.11	1.5
38	50	81	524	1	622023	2.5	.4	11	5	35	0	0	1	1	2	50	274	2.33	2.5
39	50	81	524	1	622024	.9	.2	3	5	15	0	0	1	0	0	23	76	.78	.9
40	50	81	524	1	622025	1.3	.1	4	5	35	0	0	1	0	0	27	84	1.10	1.3
41	50	81	524	1	622026	2.2	.3	8	5	40	0	0	1	0	1	41	103	1.65	2.2
42	50	81	524	1	622027	1.6	.2	7	5	35	0	0	0	0	0	36	137	1.53	1.6
43	50	81	524	1	622028	1.0	.1	3	5	20	0	0	0	0	0	26	82	.89	1.0
44	50	81	524	1	622029	2.5	.2	7	5	45	0	0	1	0	1	55	99	1.80	2.5
45	50	81	524	1	622030	2.7	.3	9	5	20	0	0	2	1	1	59	99	1.50	2.7
46	50	81	524	1	622031	2.2	.1	7	5	35	0	0	1	0	1	50	99	1.30	2.2
47	50	81	524	1	622033	2.0	0.	7	10	35	0	0	1	0	1	55	99	1.30	2.0
48	50	81	524	1	622034	1.6	0.	6	5	30	0	0	1	0	1	42	99	1.60	1.6
49	50	81	524	1	622035	1.5	0.	6	5	20	0	0	0	0	1	41	99	1.20	1.5
50	50	81	524	1	622038	2.0	0.	6	5	15	0	0	2	0	1	57	99	1.20	2.0
51	50	81	524	1	622039	1.6	.1	6	5	25	0	0	2	0	1	40	99	.91	1.6
52	50	81	524	1	623001	2.0	.3	5	5	35	0	0	1	0	0	36	110	1.44	2.0
53	50	81	524	1	623002	2.0	.4	5	5	60	0	0	1	0	1	36	119	2.08	2.0
54	50	81	524	1	623003	1.7	.2	4	5	30	0	0	1	0	0	34	77	1.54	1.7
55	50	81	524	1	623004	1.9	.2	6	5	35	0	0	1	0	0	36	70	1.72	1.9
56	50	81	524	1	623005	1.3	.2	4	5	30	0	0	1	0	0	29	66	1.17	1.3
57	50	81	524	1	623006	1.8	.2	5	5	30	0	1	1	0	0	36	66	1.20	1.8
58	50	81	524	1	623007	2.1	.3	6	5	30	0	0	1	0	1	39	102	1.3	2.1

59	50	81	524	1	623008	1.6	.2	4	5	30	0	0	1	0	0	32	85	1.39	1.6	.
60	50	81	524	1	623009	1.4	.2	4	10	30	0	0	1	0	0	30	75	.96	1.4	.
61	50	81	524	1	623010	1.5	.2	4	5	25	0	0	1	0	0	32	77	1.13	1.5	.
62	50	81	514	1	623011	1.8	.1	6	5	35	0	0	1	0	0	35	92	1.54	1.8	.
63	50	81	514	1	623012	1.2	.1	3	5	25	0	0	1	0	0	28	75	.88	1.2	.
64	50	81	524	1	623013	1.7	.1	4	5	35	0	0	1	0	0	35	106	1.14	1.7	.
65	50	81	524	1	623014	1.2	.1	4	5	35	0	0	1	0	0	27	113	.97	1.2	.
66	50	81	524	1	623015	1.8	.1	5	5	40	0	0	1	0	0	36	87	1.12	1.8	.
67	50	81	524	1	623016	1.6	.2	5	5	35	0	0	1	0	0	31	93	1.36	1.6	.
68	50	81	524	1	623017	1.3	.2	4	5	30	0	0	1	0	0	28	71	1.23	1.3	.
69	50	81	524	1	623018	2.2	.2	5	5	25	0	0	1	0	0	46	148	1.01	2.2	.
70	50	81	524	1	623019	2.1	.2	6	5	30	0	0	1	0	1	41	81	1.56	2.1	.
71	50	81	524	1	623020	2.1	.2	6	10	35	0	0	1	0	1	45	90	1.39	2.1	.
72	50	81	524	1	623021	1.3	.1	4	5	25	0	0	1	0	0	29	66	.77	1.3	.
73	50	81	524	1	623022	1.6	.2	6	5	35	0	0	1	0	0	31	93	1.23	1.6	.
74	50	81	524	1	623023	2.4	.3	8	5	50	0	0	1	0	1	41	138	1.78	2.4	.
75	50	81	524	1	623024	1.7	.2	4	5	25	0	0	1	0	0	34	88	1.13	1.7	.
76	50	81	524	1	623025	2.1	.2	6	5	25	0	0	1	0	1	40	135	1.24	2.1	.
77	50	81	524	1	623026	1.3	.2	4	5	40	0	0	1	0	0	29	99	1.02	1.3	.
78	50	81	524	1	623027	1.1	.2	3	5	40	0	0	1	0	0	25	90	.79	1.1	.
79	50	81	524	1	623028	2.0	.2	5	5	30	0	0	1	0	0	38	99	1.46	2.0	.
80	50	81	524	1	623029	1.1	.1	3	5	25	0	0	0	0	0	26	71	.94	1.1	.
81	50	81	524	1	623030	1.7	.2	5	5	45	0	0	1	0	0	35	112	1.44	1.7	.
82	50	81	524	1	623031	2.3	.3	8	65	35	0	0	1	0	1	41	111	1.95	2.3	.
83	50	81	524	1	623032	1.5	.1	4	5	30	0	0	1	0	0	33	92	1.05	1.5	.
84	50	81	524	1	623033	.7	.2	2	5	30	0	0	1	0	0	18	53	.75	.7	.
85	50	81	524	1	623034	1.0	.1	3	5	35	0	0	1	0	0	25	80	1.00	1.0	.
86	50	81	524	1	623035	1.2	.1	3	5	30	0	0	1	0	0	28	59	.90	1.2	.
87	50	81	524	1	623036	1.4	.2	4	5	35	0	0	1	0	0	31	69	1.20	1.4	.
88	50	81	524	1	623037	1.6	.1	5	5	35	0	0	1	0	0	35	79	1.12	1.6	.
89	50	81	524	1	623038	2.1	.1	6	5	50	0	0	2	0	1	40	91	1.36	2.1	.
90	50	81	524	1	623039	1.4	.2	4	5	40	0	0	1	0	0	32	120	1.11	1.4	.
91	50	81	524	1	623040	1.4	.2	5	5	30	0	0	1	0	0	30	101	1.06	1.4	.
92	50	81	524	1	623041	1.3	.1	4	5	45	0	0	1	0	0	29	69	.87	1.3	.
93	50	81	524	1	623042	1.4	.1	4	5	20	0	0	1	0	0	31	80	.92	1.4	.
94	50	81	524	1	623043	1.4	.1	4	5	25	0	0	1	0	0	31	64	.80	1.4	.
95	50	81	524	1	623044	2.3	.2	6	5	30	0	0	2	0	1	43	122	1.79	2.3	.
96	50	81	524	1	623045	1.2	.2	4	5	35	0	0	1	0	0	26	59	.85	1.2	.
97	50	81	524	1	623046	1.3	.1	3	5	25	0	0	1	0	0	28	70	.73	1.3	.
98	50	81	524	1	623047	2.2	.3	7	5	40	0	0	1	0	1	45	142	1.04	2.2	.
99	50	81	524	1	623048	1.9	0.	6	5	30	0	0	1	0	1	36	100	.96	1.9	.
100	50	81	524	1	623049	.6	.1	1	5	20	0	0	4	0	0	8	114	.45	.6	.
101	50	81	524	1	623050	1.5	0.	4	5	15	0	1	1	0	0	32	77	.79	1.5	.
102	50	81	524	1	623051	2.0	0.	6	5	20	0	0	1	0	1	41	99	1.01	2.0	.
103	50	81	524	1	623052	2.6	.1	8	5	35	0	0	1	0	1	43	111	1.46	2.6	.
104	50	81	524	1	623053	2.3	.2	7	5	35	0	0	1	0	1	43	126	1.20	2.3	.
105	50	81	524	1	623054	1.3	.0	4	10	20	0	0	1	0	0	29	108	.91	1.3	.
106	50	81	524	1	623055	1.8	0.	4	5	20	0	0	1	0	0	35	91	1.08	1.8	.
107	50	81	524	1	623056	2.2	.1	4	5	60	0	1	1	0	1	45	119	1.17	2.2	.
108	50	81	524	1	623057	2.7	.4	12	10	65	1	0	2	1	2	48	297	2.38	2.7	.
109	50	81	524	1	623058	1.1	0.	3	5	30	0	0	1	0	0	24	73	.70	1.1	.
110	50	81	524	1	623059	1.2	.0	3	5	25	0	0	1	0	0	27	57	.70	1.2	.
111	50	81	524	1	623060	1.4	0.	4	5	25	0	0	1	0	0	31	68	.81	1.4	.
112	50	81	524	1	623061	1.3	.0	3	5	30	0	0	1	0	0	28	75	.81	1.3	.
113	50	81	524	1	623062	1.5	.1	5	5	35	0	0	1	0	0	33	148	1.41	1.5	.
114	50	81	524	1	623063	1.7	0.	5	5	55	0	1	1	0	0	34	79	.87	1.7	.
115	50	81	524	1	623064	.9	.0	3	5	2	0	0	1	0	0	22	46	.	.9	.
116	50	81	524	1	623065	1.4	0.	4	5		0	0	0	0	0	29	68	.9	1.4	.

117	50	81	524	1	623066	1.3	0.	4	5		30	0	0	0	0	0	28	71	.96	1.3	.
118	50	81	524	1	623067	1.3	.1	3	5		20	0	0	0	0	0	27	45	.85	1.3	.
119	50	81	524	1	623068	.5	.1	1	5		25	0	0	0	0	0	13	43	.52	.5	.
120	50	81	524	1	623069	1.4	0.	4	5		30	0	0	0	0	0	29	48	.90	1.4	.
121	50	81	524	1	623070	1.1	0.	3	5		35	0	0	0	0	0	25	58	.73	1.1	.
122	50	81	524	1	623071	1.6	0.	5	5		50	0	0	1	0	1	30	90	1.18	1.6	.
123	50	81	524	1	623072	1.6	0.	4	30		30	0	0	0	0	1	33	82	.92	1.6	.
124	50	81	524	1	623073	1.4	0.	4	5		40	0	0	0	0	0	32	93	.83	1.4	.
125	50	81	524	1	623074	2.0	0.	7	5		40	0	0	1	0	2	37	127	1.14	2.0	.
126	50	81	524	1	623075	2.6	.0	6	5	1	50	1	0	1	0	2	43	106	1.64	2.6	.
127	50	81	524	1	623076	1.9	0.	6	5		30	0	0	1	0	1	37	114	1.25	1.9	.
128	50	81	524	1	623077	1.9	.0	6	5		35	0	0	1	0	0	37	86	1.27	1.9	.
129	50	81	524	1	623078	1.4	.0	4	5		25	0	0	1	0	0	32	87	.82	1.4	.
130	50	81	524	1	623079	2.1	0.	4	5		25	0	0	1	0	0	49	69	.86	2.1	.
131	50	81	524	1	623080	1.9	.0	9	5		25	0	0	1	0	0	39	130	1.10	1.9	.
132	50	81	524	1	623081	1.6	.1	6	5		35	0	0	1	0	0	29	115	.72	1.6	.
133	50	81	524	1	623082	1.5	.1	4	5		15	0	0	1	0	0	31	88	.81	1.5	.
134	50	81	524	1	623083	1.2	.1	3	5		10	0	0	1	0	0	26	61	.74	1.2	.
135	50	81	524	1	623084	1.0	.1	2	5		15	0	0	1	0	0	22	69	.75	1.0	.
136	50	81	524	1	623085	1.9	.0	4	5	1	30	0	0	1	0	0	40	76	1.02	1.9	.
137	50	81	524	1	623086	1.5	.1	4	5		15	0	0	1	0	0	32	87	.86	1.5	.
138	50	81	524	1	623087	2.1	.0	7	5		100	0	0	1	0	0	42	140	1.04	2.1	.
139	50	81	524	1	623088	1.6	.0	5	5		20	0	0	1	0	1	48	99	1.10	1.6	.
140	50	81	524	1	623089	1.9	.1	7	5		25	0	0	1	0	1	49	99	1.20	1.9	.
141	50	81	524	1	623090	2.1	0.	8	380		25	0	0	1	0	1	57	99	1.20	2.1	.
142	50	81	524	1	623091	2.0	.0	7	5		30	0	0	2	0	1	51	99	1.30	2.0	.
143	50	81	524	1	623092	1.2	.0	5	5		25	0	0	0	0	1	35	99	1.20	1.2	.
144	50	81	524	1	623093	2.3	.1	7	5		25	0	0	1	0	1	58	99	1.40	2.3	.
145	50	81	524	1	623094	1.3	0.	5	5		20	0	0	1	0	1	40	99	1.10	1.3	.
146	50	81	524	1	623095	1.2	0.	6	5		20	0	0	0	0	1	36	99	1.30	1.2	.
147	50	81	524	1	623096	2.4	.1	6	5		35	0	0	2	0	1	49	99	1.60	2.4	.
148	50	81	524	1	623097	1.3	.0	5	5		35	0	0	1	0	1	33	99	1.10	1.3	.
149	50	81	524	1	623098	1.8	.4	6	5		60	0	0	2	0	1	38	199	1.70	1.8	.
150	50	81	524	1	623099	1.3	0.	5	5		30	0	0	2	0	1	31	99	1.00	1.3	.
151	50	81	524	1	623100	2.6	.7	9	5		50	0	0	2	0	1	47	199	2.60	2.6	.
152	50	81	524	1	623101	1.3	.0	4	5		25	0	0	1	0	1	33	99	.87	1.3	.
153	50	81	524	1	623102	2.7	1.0	9	5		65	0	0	2	0	1	48	299	2.70	2.7	.
154	50	81	524	1	623103	2.0	.0	6	5		20	0	0	1	0	1	48	199	.91	2.0	.
155	50	81	524	1	623104	2.6	.3	7	5	1	30	1	0	2	0	1	49	99	2.00	2.6	.
156	50	81	524	1	623105	2.2	.2	7	5	1	30	0	0	2	0	1	46	99	1.50	2.2	.
157	50	81	524	1	623106	1.9	.0	6	5		15	0	0	2	0	1	47	99	.89	1.9	.
158	50	81	524	1	623107	2.9	.8	10	5	1	50	1	0	2	1	1	50	499	2.50	2.9	.
159	50	81	524	1	623108	1.5	.0	6	225		15	0	0	1	0	1	38	99	.90	1.5	.
160	50	81	524	1	623109	1.2	0.	5	5		20	0	0	0	0	1	34	99	.54	1.2	.
161	50	81	524	1	623110	2.4	.2	5	5		20	0	0	1	0	1	49	99	1.10	2.4	.
162	50	81	524	1	623111	1.6	.1	5	5		20	0	0	1	0	1	37	99	.95	1.6	.
163	50	81	524	1	623112	1.2	0.	4	10		20	0	0	0	0	1	33	99	.81	1.2	.
164	50	81	524	1	623113	1.7	0.	5	5		25	0	0	1	0	1	38	99	1.10	1.7	.
165	50	81	524	1	623114	1.0	.1	5	5		30	0	0	0	0	1	26	99	1.10	1.0	.
166	50	81	524	1	623115	1.3	.2	5	5		35	0	0	1	0	1	31	199	.77	1.3	.
167	50	81	524	1	623116	2.1	.1	6	5		25	0	0	2	0	1	42	99	1.80	2.1	.
168	50	81	524	1	623117	1.9	.1	6	5		45	0	0	3	0	1	40	99	1.50	1.9	.
169	50	81	524	1	624001	1.9	.3	7	5	1	35	0	0	0	1	2	36	99	1.70	1.9	.
170	50	81	524	1	624002	1.7	.1	6	5		20	0	0	2	1	2	33	99	1.20	1.7	.
171	50	81	524	1	624003	1.7	.0	7	5		25	0	0	1	1	2	34	199	1.40	1.7	.
172	50	81	524	1	624004	2.6	.3	9	5	1	50	0	0	1	2	3	43	99	1.90	2.6	.
173	50	81	524	1	624005	5.0	1.3	23	5	2	65	4	0	5	5	7	69	399	4	5.0	.
174	50	81	524	1	624006	2.0	.2	7	5	1	0	0	0	1	2	2	35	99	1	2.0	.

175	50	81	524	1	624007	2.1	.2	5	5		55	0	0	3	2	3	29	99	2.20	2.1
176	50	81	524	1	624008	1.0	.2	2	5		65	0	0	7	0	1	11	99	1.90	1.0
177	50	81	524	1	624009	1.8	.1	6	5		30	0	0	2	1	2	31	199	1.30	1.8
178	50	81	524	1	624010	2.0	.2	7	5	1	30	0	0	2	1	2	30	99	1.20	2.0
179	50	81	524	1	624011	1.6	.2	7	5		25	0	0	1	1	1	27	99	1.00	1.6
180	50	81	524	1	624012	1.7	.1	4	5		30	0	0	1	0	2	32	99	.91	1.7
181	50	81	524	1	624013	1.3	.1	4	5		15	0	0	2	0	1	24	99	.69	1.3
182	50	81	524	1	624014	1.6	.1	6	5		25	0	0	2	1	2	27	99	1.10	1.6
183	50	81	524	1	624015	1.9	.2	7	5	1	20	0	0	2	1	2	32	99	1.10	1.9
184	50	81	524	1	624016	1.8	.2	7	5		30	0	0	2	1	2	30	199	.85	1.8
185	50	81	524	1	624017	2.7	.3	18	5	1	50	0	0	2	2	4	41	299	1.50	2.7
186	50	81	524	1	624018	1.5	.2	6	5		50	0	0	2	1	1	26	99	1.30	1.5
187	50	81	524	1	624019	1.0	.1	4	5		20	0	0	2	0	1	21	99	1.00	1.0
188	50	81	524	1	624020	2.3	.3	6	5	1	35	0	0	2	1	2	35	99	1.40	2.3
189	50	81	524	1	624021	1.8	.3	7	5		35	0	0	2	1	2	31	199	1.50	1.8
190	50	81	524	1	624022	2.8	.4	6	5	1	100	0	0	3	2	3	37	99	2.10	2.8
191	50	81	524	1	624023	2.2	.8	8	5	1	50	0	0	2	1	3	32	99	1.50	2.2
192	50	81	524	1	625001	2.2	.3	6	5		40	0	0	2	1	3	27	99	1.90	2.2
193	50	81	524	1	625002	1.3	0.	5	5		25	0	0	2	0	1	20	99	1.00	1.3
194	50	81	524	1	625003	2.3	.2	9	5		50	0	0	2	2	3	27	99	2.30	2.3
195	50	81	524	1	625004	2.0	.1	7	5		30	0	0	2	1	2	26	99	1.60	2.0
196	50	81	524	1	625005	2.0	.3	6	5		55	0	0	2	1	2	24	99	1.80	2.0
197	50	81	524	1	625006	2.4	.3	9	5		60	0	0	2	2	3	26	99	2.20	2.4
198	50	81	524	1	625007	2.2	.3	6	5		40	1	0	2	1	2	26	99	1.70	2.2
199	50	81	524	1	625008	2.0	.2	6	5		40	0	0	3	1	2	23	99	1.80	2.0
200	50	81	524	1	625009	2.0	.2	5	5		30	0	0	2	1	2	26	99	1.20	2.0
201	50	81	524	1	625010	2.2	.2	8	5		35	0	0	2	2	3	28	99	1.20	2.2
202	50	81	524	1	625011	2.0	.1	6	5		20	0	0	2	1	2	28	99	1.00	2.0
203	50	81	524	1	625012	2.1	.2	10	5		30	0	0	3	2	2	29	99	1.20	2.1
204	50	81	524	1	625013	1.3	0.	4	25		20	0	0	2	1	1	21	99	.81	1.3
205	50	81	524	1	625014	1.4	.0	4	5		15	0	0	2	1	2	21	99	.88	1.4
206	50	81	524	1	625015	1.9	.1	6	5		40	0	0	2	1	2	24	99	1.30	1.9
207	50	81	524	1	625016	2.3	.2	7	5		30	0	0	2	2	2	28	99	1.20	2.3
208	50	81	524	1	625017	2.5	.4	8	5		30	1	0	2	2	3	29	99	1.20	2.5
209	50	81	524	1	625018	1.1	.1	4	5		20	0	0	1	1	1	14	199	.88	1.1
210	50	81	524	1	625019	2.4	.2	7	5		50	0	0	2	2	3	26	99	1.70	2.4
211	50	81	524	1	625020	1.6	.0	6	10		20	0	0	2	1	1	23	99	.87	1.6
212	50	81	524	1	625021	1.4	.1	5	20		25	0	0	1	1	2	21	99	1.00	1.4
213	50	81	524	1	625022	2.0	.1	6	5		40	0	0	2	1	2	26	99	1.30	2.0
214	50	81	524	1	625023	1.2	.0	4	5		20	0	0	2	0	1	18	99	.87	1.2
215	50	81	524	1	625024	1.7	.1	6	10		40	0	0	2	1	2	22	99	1.30	1.7
216	50	81	524	1	625025	1.7	.3	7	5		40	0	0	1	1	1	21	99	1.20	1.7
217	50	81	524	1	625026	2.2	.3	6	5		40	0	0	2	1	2	24	99	1.70	2.2
218	50	81	524	1	625027	1.6	.1	5	5		40	0	0	2	1	2	23	99	1.30	1.6
219	50	81	524	1	625028	1.8	.1	5	5		40	0	0	2	1	2	26	99	.96	1.8
220	50	81	524	1	625029	1.7	.1	7	5		20	0	0	2	1	2	24	99	1.00	1.7
221	50	81	524	1	625030	1.3	.0	5	5		20	0	0	2	1	1	20	99	.90	1.3
222	50	81	524	1	625031	1.4	.2	4	5		25	0	0	2	0	1	22	99	.94	1.4
223	50	81	524	1	625032	1.9	.2	5	5		35	0	0	2	1	2	29	99	1.00	1.9
224	50	81	524	1	625033	1.9	.3	5	5		40	0	0	2	1	2	24	99	1.40	1.9
225	50	81	524	1	625034	2.2	.1	6	5		25	0	0	2	1	2	27	99	1.20	2.2
226	50	81	524	1	625035	1.0	.1	4	5		25	0	0	2	0	1	17	99	.95	1.0
227	50	81	524	1	625036	1.1	0.	5	5		20	0	0	2	1	1	20	99	.92	1.1
228	50	81	524	1	625037	1.9	.1	6	5		20	0	0	2	1	2	28	99	1.00	1.9
229	50	81	524	1	625038	2.2	.3	8	5		40	0	0	3	1	2	28	99	1.40	2.2
230	50	81	524	1	625039	1.8	.1	7	5		25	0	0	2	1	2	26	99	1.20	1.8
231	50	81	524	1	*625040	1.5	.1	5	5		35	1	0	2	1	2	22	99	1.20	1.5
232	50	81	524	1	*625041	1.2	0.	5	5		20	0	0	2	0	1	20	99	1.00	1.2

	TYPE	YEAR	PROJECT	PROPERTY	ID	Fe%	Ag	Co	Au (ppb)	Hg (ppb)	Sb	W	Tn	Cd	Bi	V	Ba	Al%	Fe%	
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233	50	81	524	1	625042	2.4	.2	8	5	20	0	0	1	2	3	38	99	1.40	2.4	.
234	50	81	524	1	625043	2.1	.1	6	5	10	0	0	1	2	2	34	99	1.10	2.1	.
235	50	81	524	1	625044	1.7	.2	7	5	30	0	0	1	1	2	27	99	1.30	1.7	.
236	50	81	524	1	625045	2.1	.1	9	5	35	0	0	2	1	2	29	99	1.70	2.1	.
237	50	81	524	1	625046	2.2	.2	6	5	45	0	0	1	2	2	32	99	1.60	2.2	.
238	50	81	524	1	625047	2.3	.2	8	5	20	0	0	2	2	3	39	299	1.80	2.3	.
239	50	81	524	1	625048	2.2	.1	7	5	25	0	0	1	1	2	36	99	1.20	2.2	.
240	50	81	524	1	625049	2.1	.1	9	5	35	0	0	2	2	2	30	99	1.70	2.1	.
241	50	81	524	1	625050	1.4	0.	5	5	15	0	0	1	1	1	24	99	1.10	1.4	.

	TYPE	YEAR	PROJECT	PROPERTY	ID	Mg%	Ca%	Ti%
15	10	81	524	1	622036	25	.14	.06
16	50	81	524	1	622001	28	.13	.02
17	50	81	524	1	622002	33	.19	.04
18	50	81	524	1	622003	28	.17	.04
19	50	81	524	1	622004	30	.15	.02
20	50	81	524	1	622005	29	.15	.03
21	50	81	524	1	622006	24	.13	.02
22	50	81	524	1	622007	20	.11	.02
23	50	81	524	1	622008	32	.14	.02
24	50	81	524	1	622009	44	.50	.02
25	50	81	524	1	622010	30	.17	.03
26	50	81	524	1	622011	30	.18	.03
27	50	81	524	1	622012	24	.21	.03
28	50	81	524	1	622013	24	.16	.02
29	50	81	524	1	622014	33	.42	.00
30	50	81	524	1	622015	28	.17	.03
31	50	81	524	1	622016	27	.19	.02
32	50	81	524	1	622017	11	1.38	.00
33	50	81	524	1	622018	29	.13	.02
34	50	81	524	1	622019	26	.17	.02
35	50	81	524	1	622020	24	.18	.02
36	50	81	524	1	622021	37	.52	.00
37	50	81	524	1	622022	39	.28	.02
38	50	81	524	1	622023	43	.55	.01
39	50	81	524	1	622024	24	.19	.02
40	50	81	524	1	622025	25	.13	.02
41	50	81	524	1	622026	29	.12	.02
42	50	81	524	1	622027	36	.31	.01
43	50	81	524	1	622028	27	.24	.02
44	50	81	524	1	622029	27	.14	.03
45	50	81	524	1	622030	35	.17	.04
46	50	81	524	1	622031	27	.20	.03
47	50	81	524	1	622033	25	.14	.06
48	50	81	524	1	622034	32	.19	.06
49	50	81	524	1	622035	34	.19	.05
50	50	81	524	1	622038	28	.20	.07
51	50	81	524	1	622039	18	.18	.02
52	50	81	524	1	623001	25	.11	.01
53	50	81	524	1	623002	25	.11	.01
54	50	81	524	1	623003	29	.14	.02
55	50	81	524	1	623004	25	.12	.02
56	50	81	524	1	623005	24	.12	.02
57	50	81	524	1	623006	28	.13	.03
58	50	81	524	1	623007	31	.15	.03

59	50	81	524	1	623008	28	.13	.02
60	50	81	524	1	623009	28	.24	.04
61	50	81	524	1	623010	26	.13	.02
62	50	81	514	1	623011	29	.11	.02
63	50	81	514	1	623012	23	.13	.02
64	50	81	524	1	623013	26	.18	.02
65	50	81	524	1	623014	26	.22	.02
66	50	81	524	1	623015	29	.19	.02
67	50	81	524	1	623016	24	.13	.01
68	50	81	524	1	623017	18	.18	.02
69	50	81	524	1	623018	19	.21	.01
70	50	81	524	1	623019	28	.20	.02
71	50	81	524	1	623020	16	.09	.02
72	50	81	524	1	623021	27	.19	.03
73	50	81	524	1	623022	24	.15	.01
74	50	81	524	1	623023	27	.12	.01
75	50	81	524	1	623024	26	.18	.02
76	50	81	524	1	623025	27	.19	.02
77	50	81	524	1	623026	30	.24	.02
78	50	81	524	1	623027	25	.21	.03
79	50	81	524	1	623028	35	.18	.02
80	50	81	524	1	623029	27	.14	.02
81	50	81	524	1	623030	29	.18	.02
82	50	81	524	1	623031	28	.11	.02
83	50	81	524	1	623032	24	.18	.02
84	50	81	524	1	623033	14	.10	.02
85	50	81	524	1	623034	23	.19	.02
86	50	81	524	1	623035	21	.14	.02
87	50	81	524	1	623036	26	.13	.02
88	50	81	524	1	623037	26	.15	.02
89	50	81	524	1	623038	32	.18	.03
90	50	81	524	1	623039	31	.26	.02
91	50	81	524	1	623040	30	.23	.02
92	50	81	524	1	623041	31	.24	.03
93	50	81	524	1	623042	31	.22	.03
94	50	81	524	1	623043	24	.16	.03
95	50	81	524	1	623044	33	.15	.02
96	50	81	524	1	623045	28	.20	.02
97	50	81	524	1	623046	22	.21	.03
98	50	81	524	1	623047	28	.33	.01
99	50	81	524	1	623048	26	.18	.02
100	50	81	524	1	623049	09	.25	.01
101	50	81	524	1	623050	22	.16	.03
102	50	81	524	1	623051	26	.17	.03
103	50	81	524	1	623052	21	.18	.02
104	50	81	524	1	623053	24	.17	.02
105	50	81	524	1	623054	22	.15	.02
106	50	81	524	1	623055	25	.16	.02
107	50	81	524	1	623056	19	.17	.02
108	50	81	524	1	623057	34	.47	.01
109	50	81	524	1	623058	26	.19	.03
110	50	81	524	1	623059	22	.19	.03
111	50	81	524	1	623060	27	.21	.03
112	50	81	524	1	623061	27	.18	.03
113	50	81	524	1	623062	32	.28	.01
114	50	81	524	1	623063	24	.18	.03
115	50	81	524	1	623064	18	.13	.03
116	50	81	524	1	623065	29	.19	.03

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117	50	81	524	1	623066	24	.17 .02
118	50	81	524	1	623067	19	.12 .01
119	50	81	524	1	623068	07	.10 .01
120	50	81	524	1	623069	21	.13 .02
121	50	81	524	1	623070	21	.16 .02
122	50	81	524	1	623071	22	.14 .02
123	50	81	524	1	623072	18	.14 .01
124	50	81	524	1	623073	23	.21 .02
125	50	81	524	1	623074	29	.23 .02
126	50	81	524	1	623075	31	.17 .01
127	50	81	524	1	623076	29	.14 .03
128	50	81	524	1	623077	29	.18 .02
129	50	81	524	1	623078	22	.21 .03
130	50	81	524	1	623079	18	.13 .01
131	50	81	524	1	623080	34	.26 .02
132	50	81	524	1	623081	19	.25 .02
133	50	81	524	1	623082	17	.13 .01
134	50	81	524	1	623083	19	.13 .02
135	50	81	524	1	623084	20	.12 .02
136	50	81	524	1	623085	19	.15 .02
137	50	81	524	1	623086	25	.17 .02
138	50	81	524	1	623087	32	.27 .02
139	50	81	524	1	623088	23	.28 .03
140	50	81	524	1	623089	19	.21 .03
141	50	81	524	1	623090	29	.24 .04
142	50	81	524	1	623091	27	.21 .05
143	50	81	524	1	623092	29	.27 .03
144	50	81	524	1	623093	26	.19 .04
145	50	81	524	1	623094	26	.20 .03
146	50	81	524	1	623095	24	.15 .04
147	50	81	524	1	623096	30	.15 .02
148	50	81	524	1	623097	28	.18 .02
149	50	81	524	1	623098	39	.39 .01
150	50	81	524	1	623099	31	.16 .03
151	50	81	524	1	623100	41	.19 .01
152	50	81	524	1	623101	27	.16 .02
153	50	81	524	1	623102	33	.29 0.
154	50	81	524	1	623103	22	.19 .02
155	50	81	524	1	623104	36	.19 .02
156	50	81	524	1	623105	22	.10 .01
157	50	81	524	1	623106	21	.14 .03
158	50	81	524	1	623107	39	.60 .01
159	50	81	524	1	623108	25	.21 .02
160	50	81	524	1	623109	14	.20 .03
161	50	81	524	1	623110	17	.16 .02
162	50	81	524	1	623111	19	.21 .03
163	50	81	524	1	623112	26	.19 .04
164	50	81	524	1	623113	25	.17 .03
165	50	81	524	1	623114	22	.22 .01
166	50	81	524	1	623115	15	.16 .02
167	50	81	524	1	623116	19	.12 .01
168	50	81	524	1	623117	26	.12 .03
169	50	81	524	1	624001	35	.51 .03
170	50	81	524	1	624002	29	.20 .06
171	50	81	524	1	624003	28	.20 .05
172	50	81	524	1	624004	29	.14 .04
173	50	81	524	1	624005	63	.74 .01
174	50	81	524	1	624006	28	.18 .05

175	50	81	524	1	624007	24	.09	.02
176	50	81	524	1	624008	11	.11	.01
177	50	81	524	1	624009	18	.17	.03
178	50	81	524	1	624010	23	.18	.03
179	50	81	524	1	624011	16	.17	.03
180	50	81	524	1	624012	19	.17	.02
181	50	81	524	1	624013	16	.13	.03
182	50	81	524	1	624014	25	.18	.03
183	50	81	524	1	624015	22	.17	.03
184	50	81	524	1	624016	16	.16	.02
185	50	81	524	1	624017	42	.35	.02
186	50	81	524	1	624018	16	.12	.03
187	50	81	524	1	624019	26	.19	.03
188	50	81	524	1	624020	20	.18	.02
189	50	81	524	1	624021	34	.32	.02
190	50	81	524	1	624022	21	.09	.02
191	50	81	524	1	624023	28	.16	.02
192	50	81	524	1	625001	30	.15	.01
193	50	81	524	1	625002	33	.18	.03
194	50	81	524	1	625003	26	.10	.02
195	50	81	524	1	625004	33	.13	.03
196	50	81	524	1	625005	28	.12	.02
197	50	81	524	1	625006	27	.12	.02
198	50	81	524	1	625007	30	.14	.02
199	50	81	524	1	625008	29	.15	.02
200	50	81	524	1	625009	26	.15	.02
201	50	81	524	1	625010	30	.22	.03
202	50	81	524	1	625011	24	.18	.03
203	50	81	524	1	625012	44	.28	.04
204	50	81	524	1	625013	28	.16	.03
205	50	81	524	1	625014	28	.17	.03
206	50	81	524	1	625015	28	.16	.02
207	50	81	524	1	625016	23	.15	.02
208	50	81	524	1	625017	17	.12	.01
209	50	81	524	1	625018	14	.37	.01
210	50	81	524	1	625019	30	.16	.02
211	50	81	524	1	625020	28	.21	.03
212	50	81	524	1	625021	27	.18	.03
213	50	81	524	1	625022	32	.18	.02
214	50	81	524	1	625023	25	.14	.03
215	50	81	524	1	625024	31	.15	.02
216	50	81	524	1	625025	24	.14	.02
217	50	81	524	1	625026	24	.14	.01
218	50	81	524	1	625027	29	.17	.03
219	50	81	524	1	625028	25	.14	.03
220	50	81	524	1	625029	28	.22	.03
221	50	81	524	1	625030	23	.16	.03
222	50	81	524	1	625031	11	.16	.02
223	50	81	524	1	625032	20	.14	.02
224	50	81	524	1	625033	19	.12	.02
225	50	81	524	1	625034	29	.13	.02
226	50	81	524	1	625035	28	.20	.03
227	50	81	524	1	625036	26	.18	.02
228	50	81	524	1	625037	23	.17	.04
229	50	81	524	1	625038	26	.21	.03
230	50	81	524	1	625039	18	.17	.02
231	50	81	524	1	*625040	33	.20	.03
232	50	81	524	1	*625041	26	.15	.02

APPENDIX 4

Statements of Qualifications

LIST OF QUALIFICATIONS - A.R. FINDLAY

M.A. Geology 1968	- University of Cambridge, England.
M.Sc. Geology 1975	- Carleton University, Ottawa
1968-1981	- Employed in mineral exploration in British Columbia, Yukon, Alaska and Northwest Territories.

List of Qualifications - S.J. Hoffman

BSc 1969 - McGill University (Hons Geology and Chemistry)

MSc 1972 - The University of British Columbia (Geochemistry)

PhD 1976 - The University of British Columbia (Geochemistry)

List of Publications

1. Hoffman, S.J., 1972

   Geochemical dispersion in bedrock and glacial overburden around a copper property in south central British Columbia. MSc thesis, unpublished, U.B.C., 209 pp.

2. Hoffman, S.J. and Fletcher, W.K., 1972

   Distribution of copper at the Dansey-Rayfield River property, south central British Columbia.
   J. Geoch. Expl. 1, 163-180.

3. Hoffman, S.J. and Waskett-Myers, M.J., 1974

   Determination of molybdenum in soils and sediments with a modified zinc dithiol procedure.
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4. Hoffman, S.J., 1974

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In press, Encyclopedia of Earth Sciences.

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Geochemical exploration for unconformity-type uranium deposits in permafrost terrain - Hornby Bay basin, Northwest Territories, Canada. In preparation.

List Of Memberships

1. Geological Association of Canada, since 1967.
2. Canadian Institute of Mining and Metallurgy, since 1973.
3. Association of Exploration Geochemists, since 1973.
4. American Society of Agronomy, since 1973.

Other Qualifications

1. Instructor on methods of geochemical exploration for the B.C. Department of Mines prospecting shcool, May 1977 - 1981 (5 years)
2. Instructor, Short course on Geochemical Exploration in the Canadian Shield, McGill University, January 1979.

3. Speaker, CIM in Prince George, B.C. on "Lake Sediment Geochemistry", May, 1977.

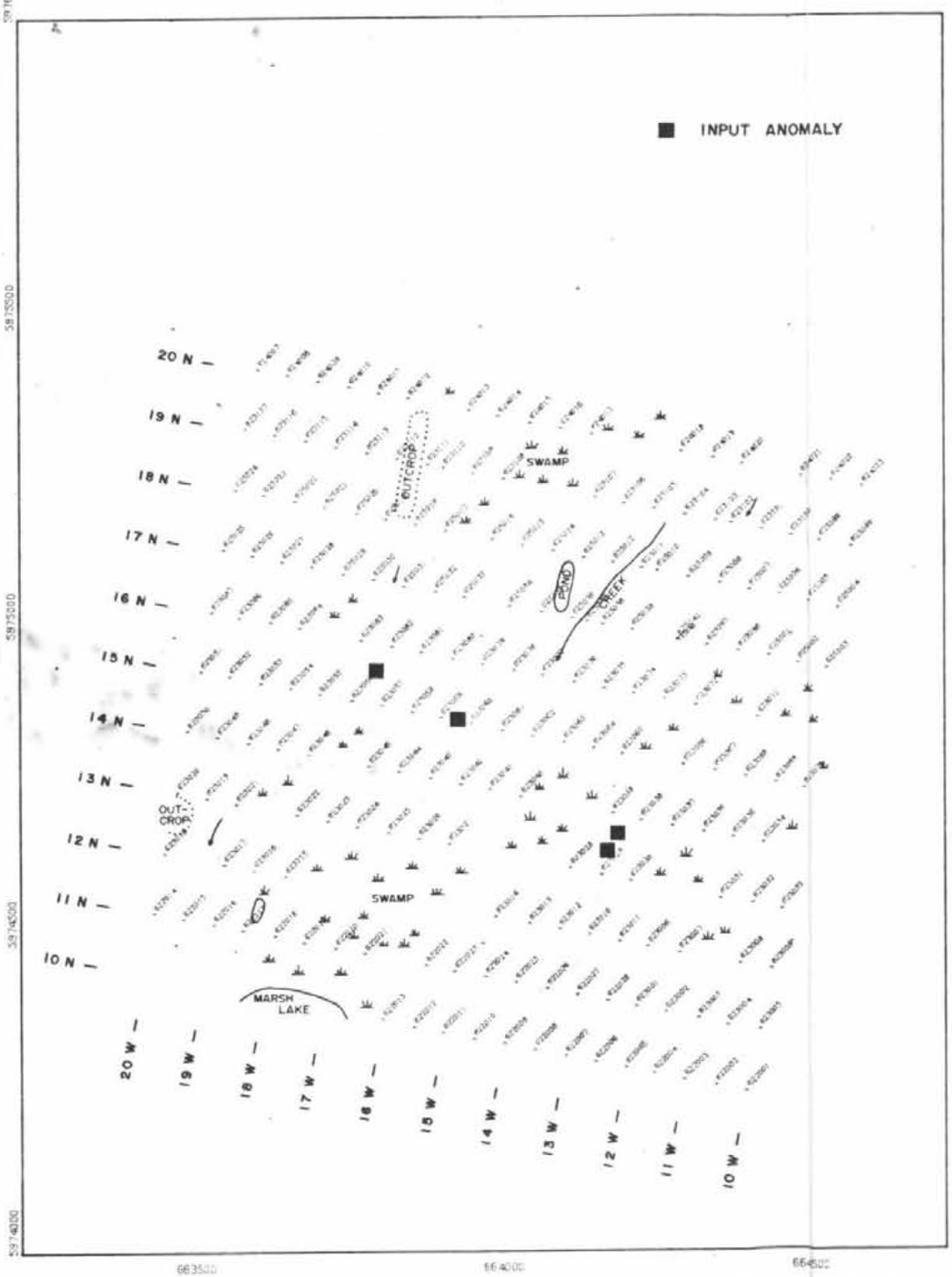
4. Speaker, Geosciences Council, Yellowknife on "Lake Sedimentary Geochemistry, Hornby Bay area", December 1978, and also December 1980.

5. Instructor, Short course on Geochemical Exploration (computer and statistical applications), Northwest Mining Association, Spokane, Washington, December 1979.

6. Council member, Association of Exploration Geochemists, 1980-1982.

7. Chairman, GOLD-81 Symposium, Precious Metals in the Northern Cordillera: April 12-15, 1981. Co-sponsored by the Association of Exploration Geochemists and the Cordilleran Section of the Geological Association of Canada.

8. Business Editor, Proceedings of the GOLD-81 Symposium (to be published early 1982).



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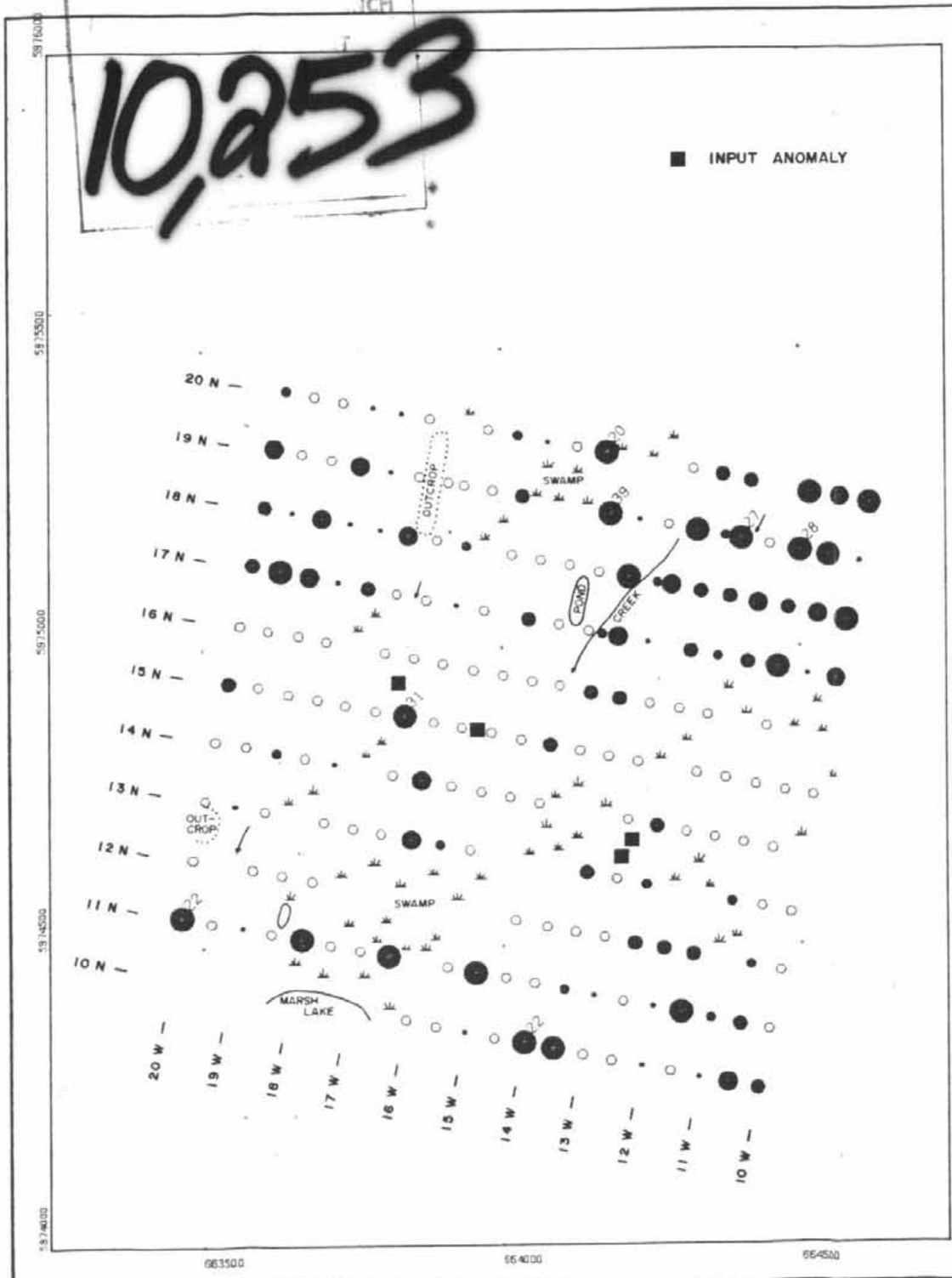
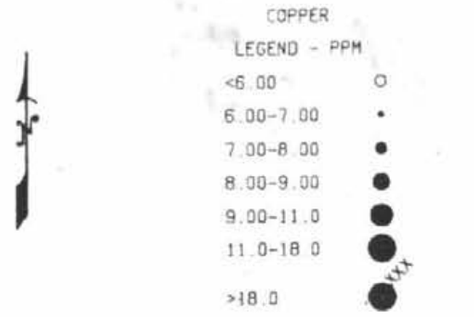
DOTSA LAKE PROJECT, B.C.

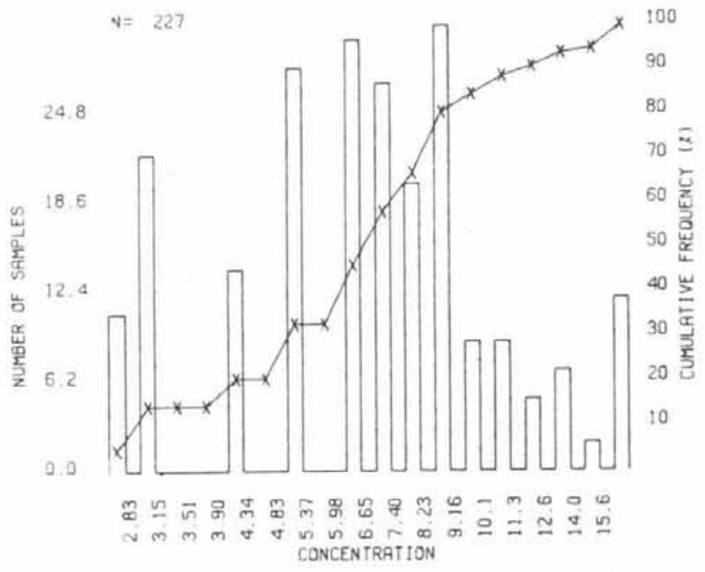
SOIL SAMPLE LOCATION

DWG NO	DATE NOVEMBER 1981 PROJECT 524-1	FIG. 2A
REPORT NO	NTS 93E/15-16 SCALE 1 CM = 200 METRES	
TO ACCOMPANY REPORT		

10,253







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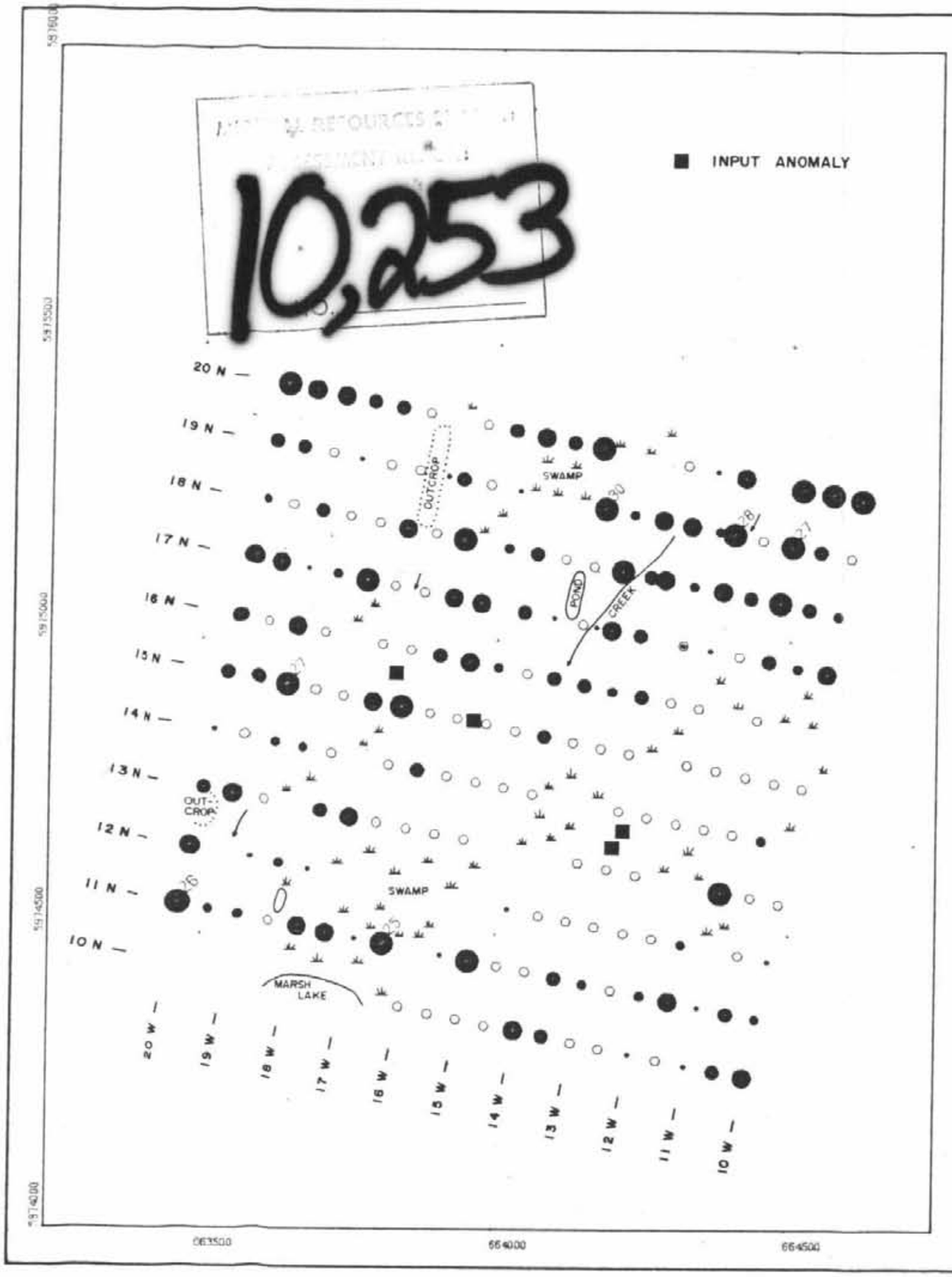
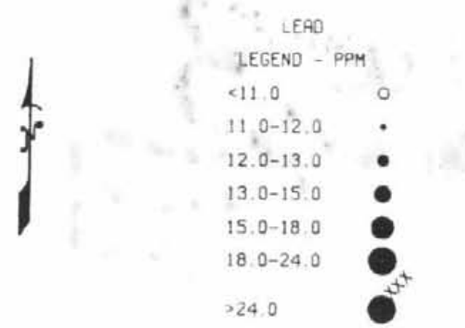
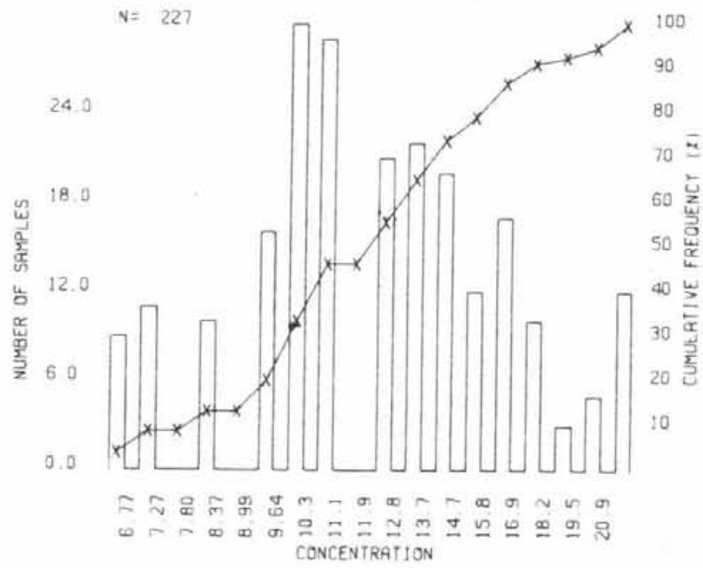
COPPER (PPM) IN SOIL SAMPLES

DWG NO.	DATE NOVEMBER 1981 PROJECT S24-1	FIG. 2B
REPORT NO.	NTS 93E/15-16 SCALE 1 CM = 200 METRES	
TO ACCOMPANY REPORT:		







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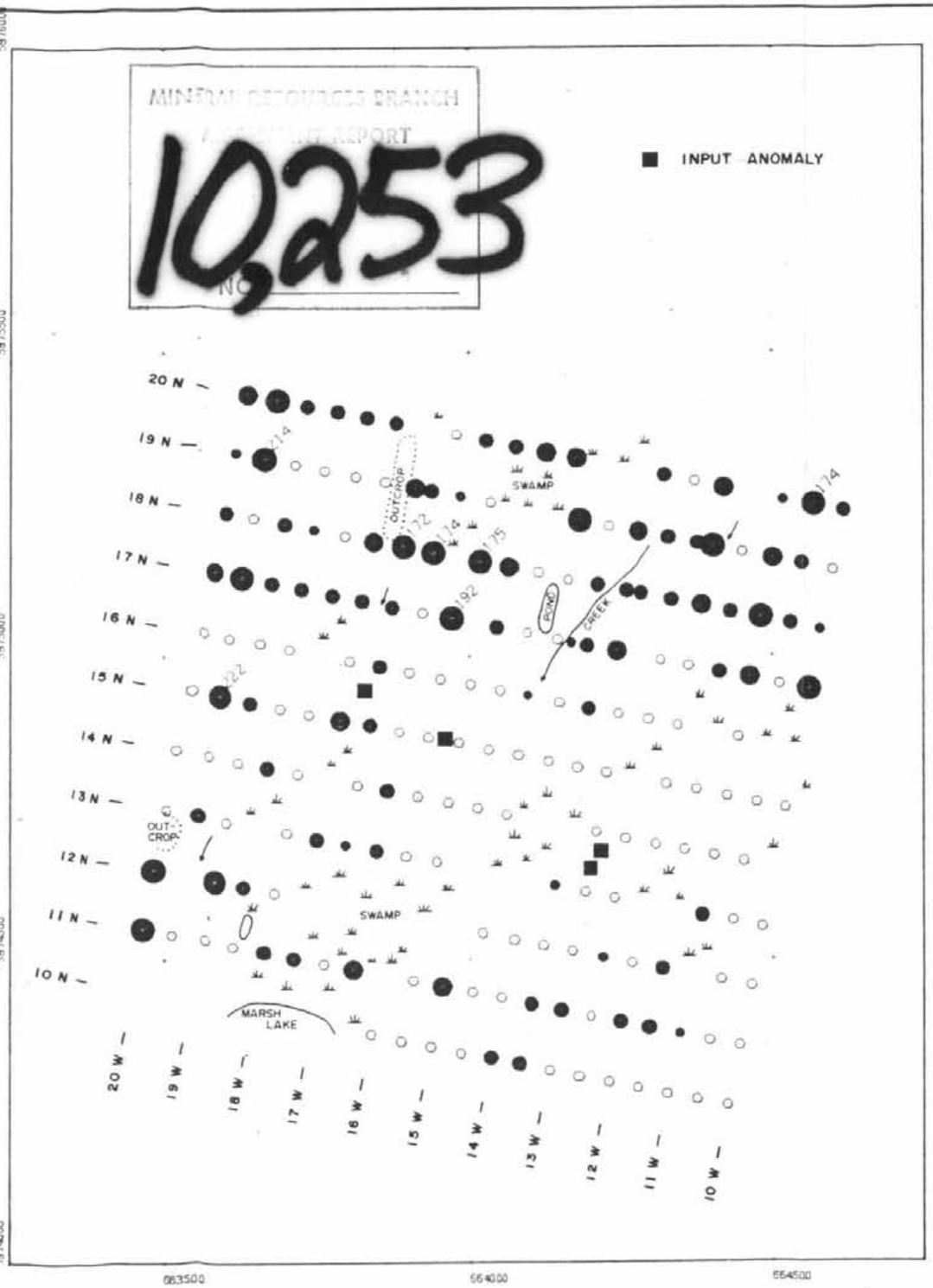
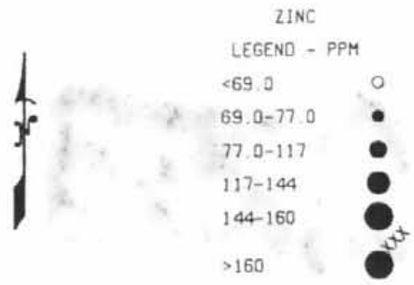
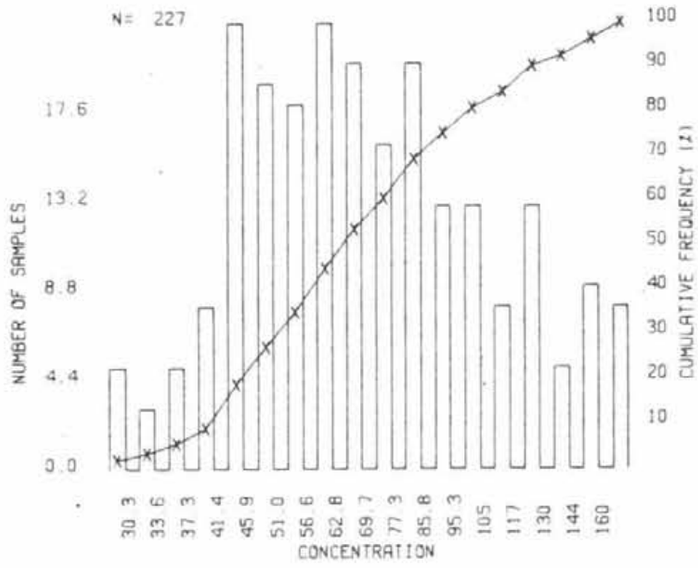
DOTSA LAKE PROJECT, B.C.

LEAD (PPM) IN SOIL SAMPLES

DWG. NO.	DATE NOVEMBER 1981 PROJECT 524-1	FIG. 2C
REPORT NO.	NTS 93E/15-16 SCALE 1 CM = 200 METRES	
TO ACCOMPANY REPORT		







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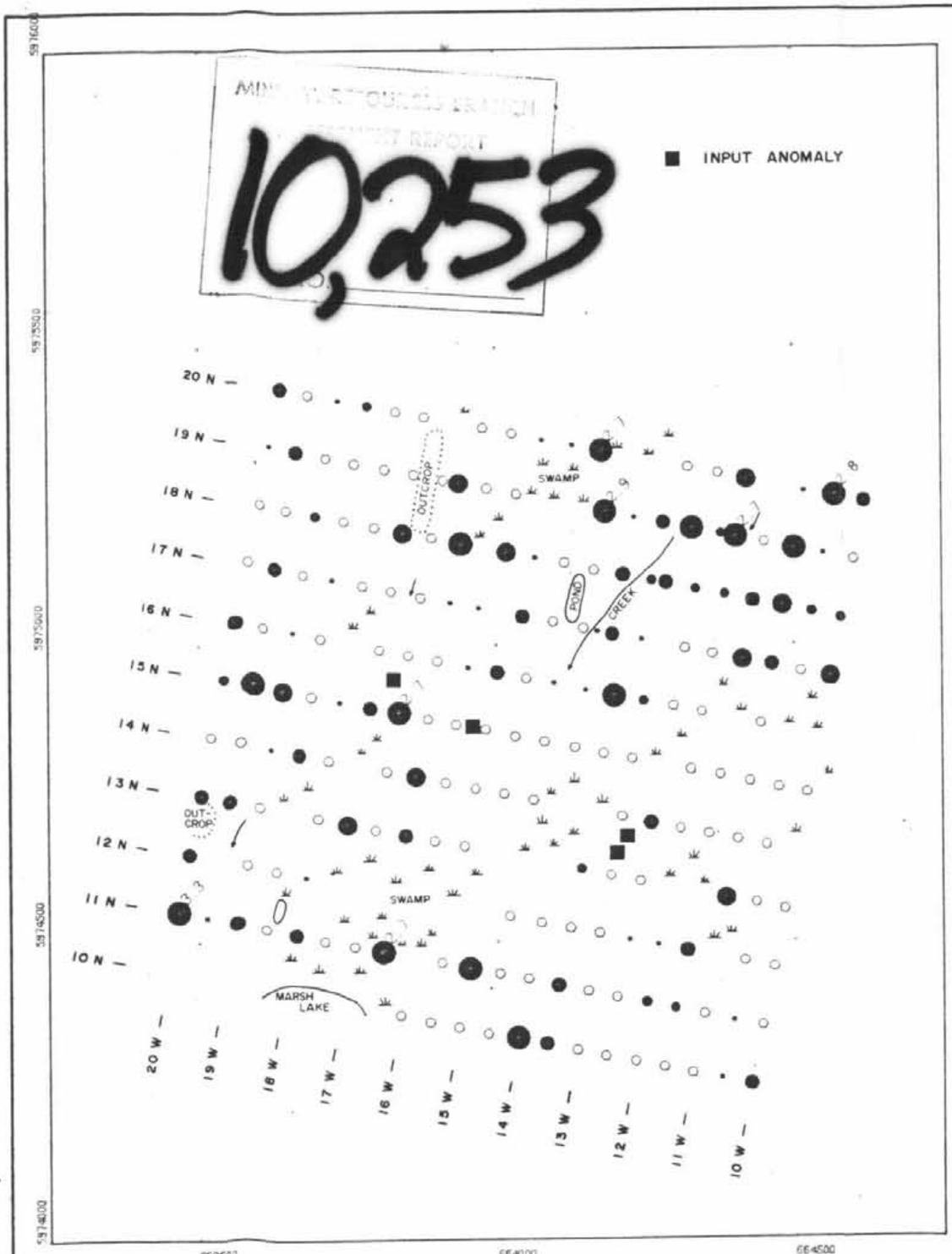
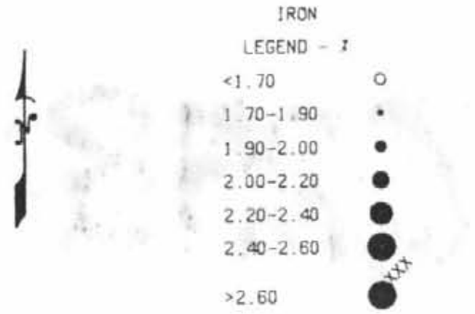
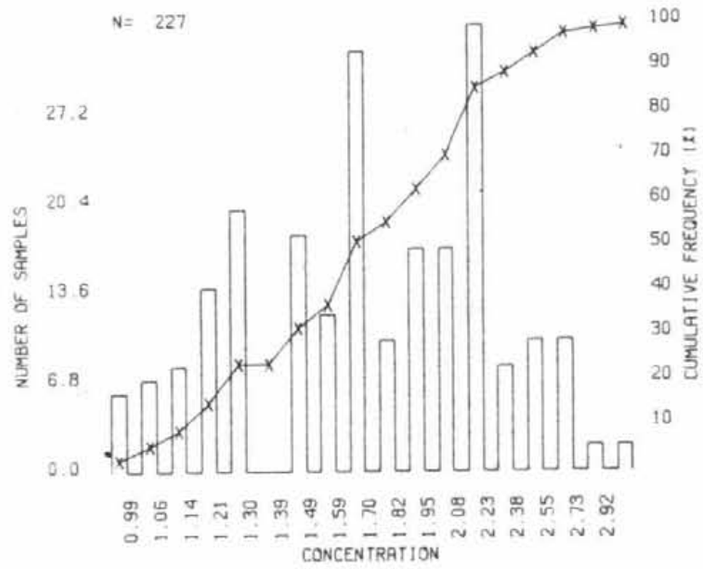
ZINC (PPM) IN SOIL SAMPLES

DWG. NO.	DATE NOVEMBER 1981 PROJECT 524-1	FIG. 2D
REPORT NO.	NTS 93E/15-16 SCALE 1 CM = 200 METRES	
TO ACCOMPANY REPORT		







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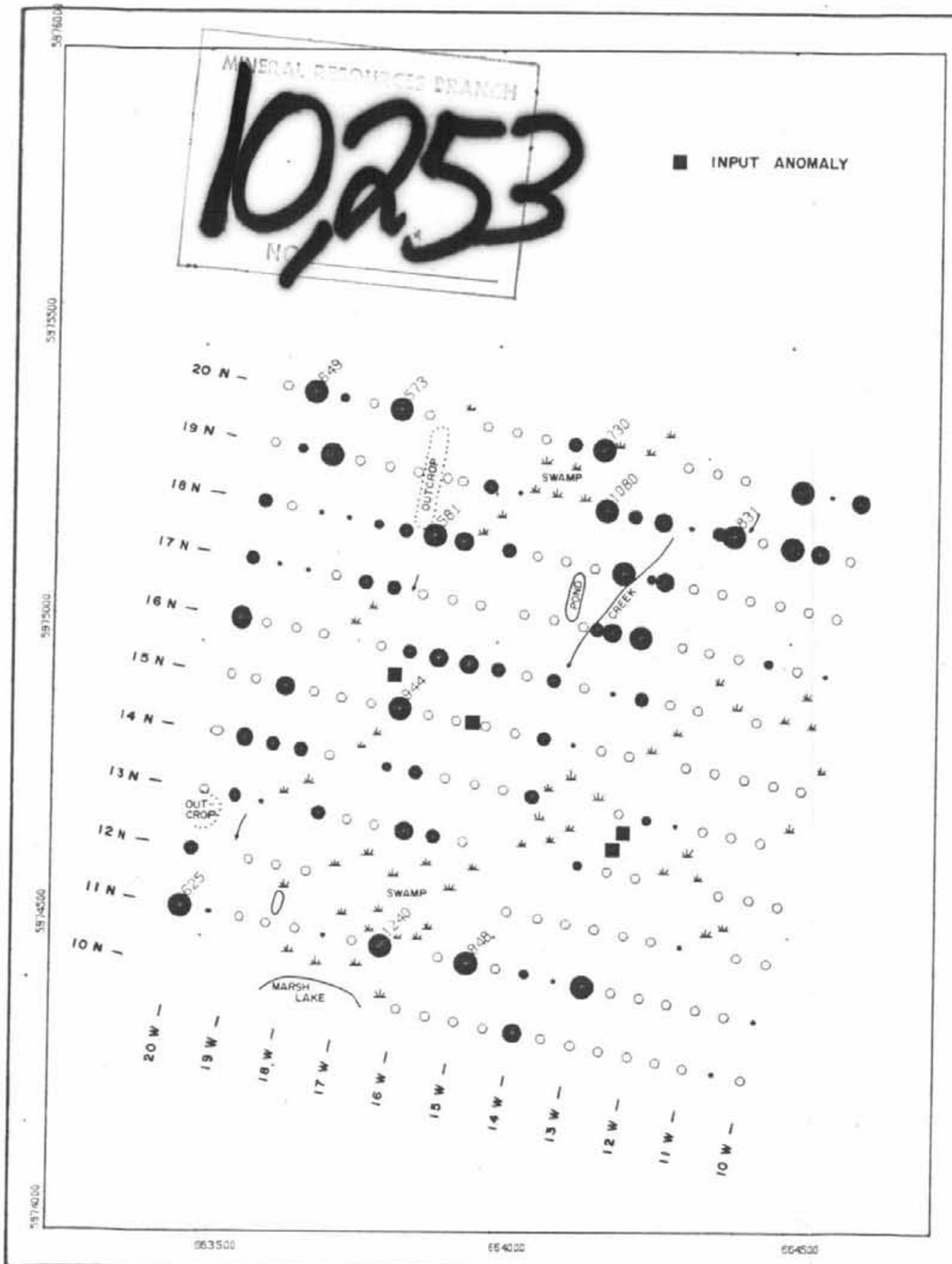
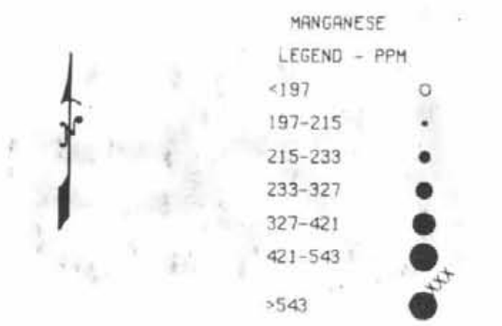
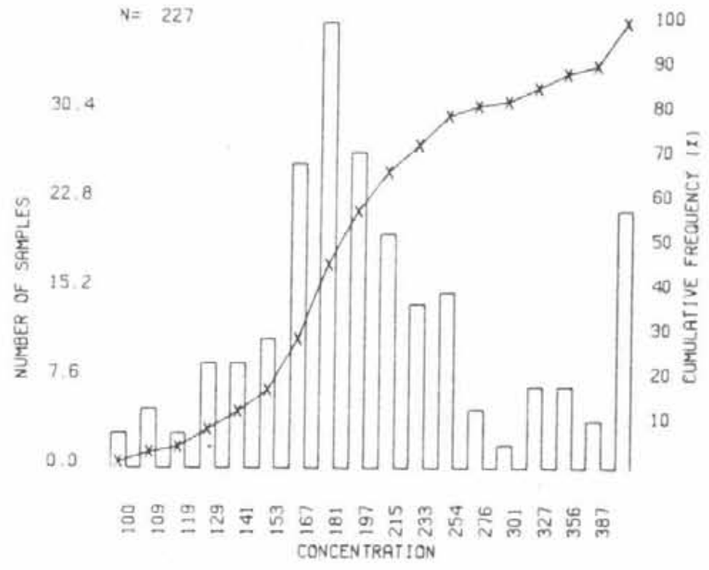
IRON (%) IN SOIL SAMPLES

DWG. NO.	DATE NOVEMBER 1981 PROJECT 524-1
REPORT NO.	NTS 93E/15-16 SCALE 1 CM = 200 METRES
TO ACCOMPANY REPORT:	

FIG. 2E







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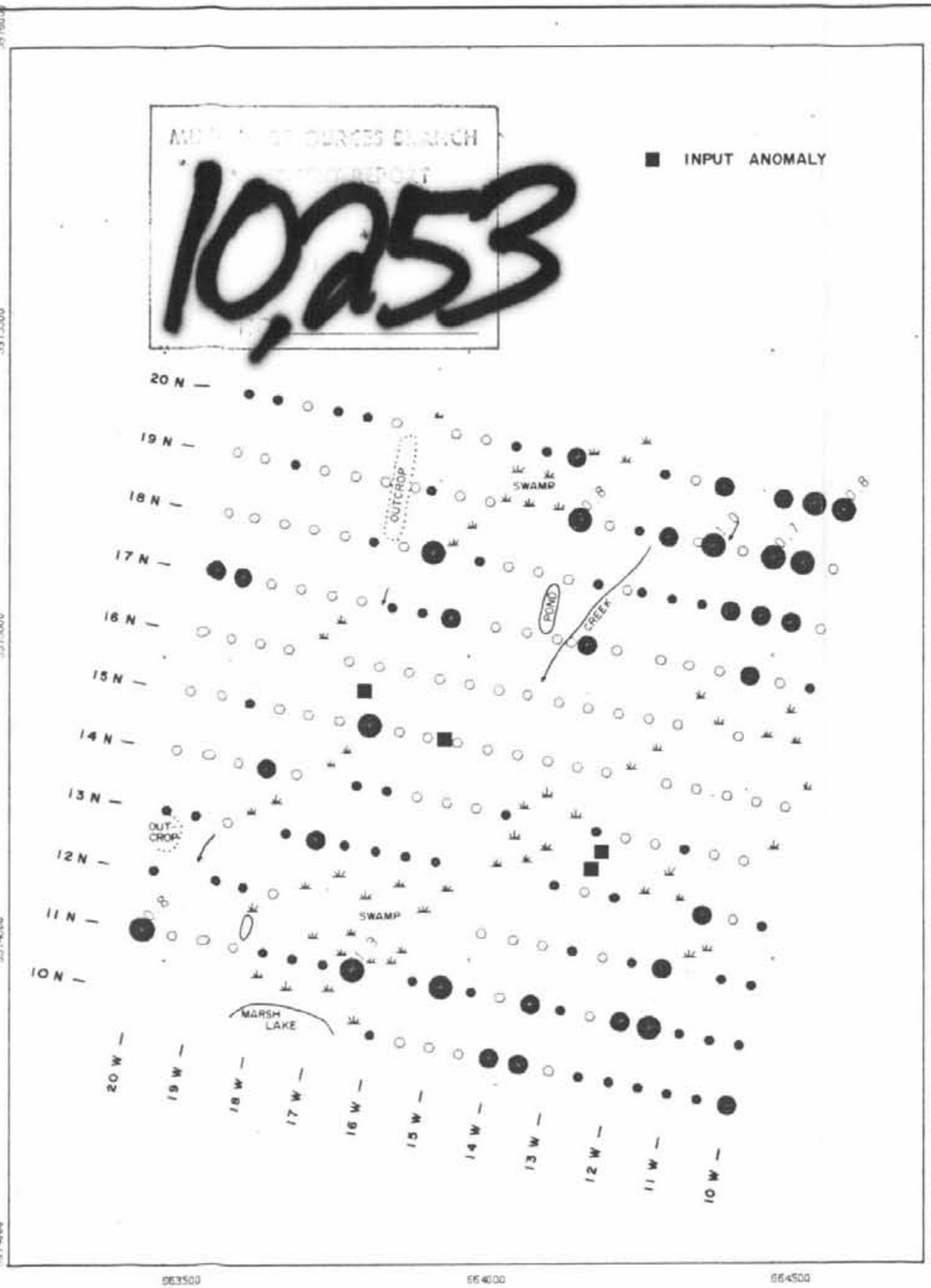
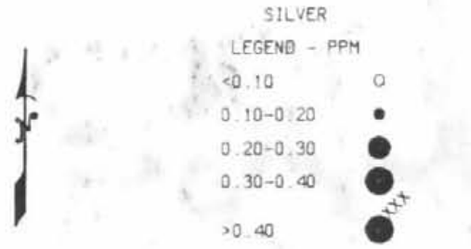
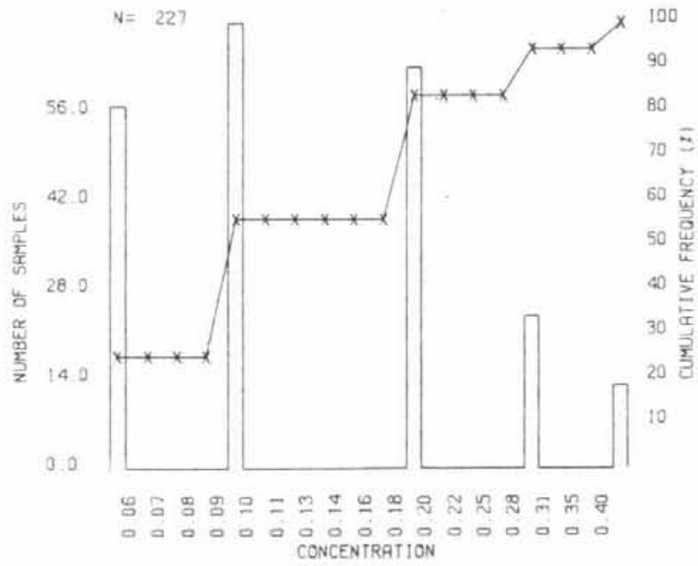
MANGANESE (PPM) IN SOIL SAMPLES

DWG. NO.	DATE NOVEMBER 1981 PROJECT 524-1	FIG. 2F
REPORT NO.	NTS 93E/15-16 SCALE 1 CM = 200 METRES	
TO ACCOMPANY REPORT		







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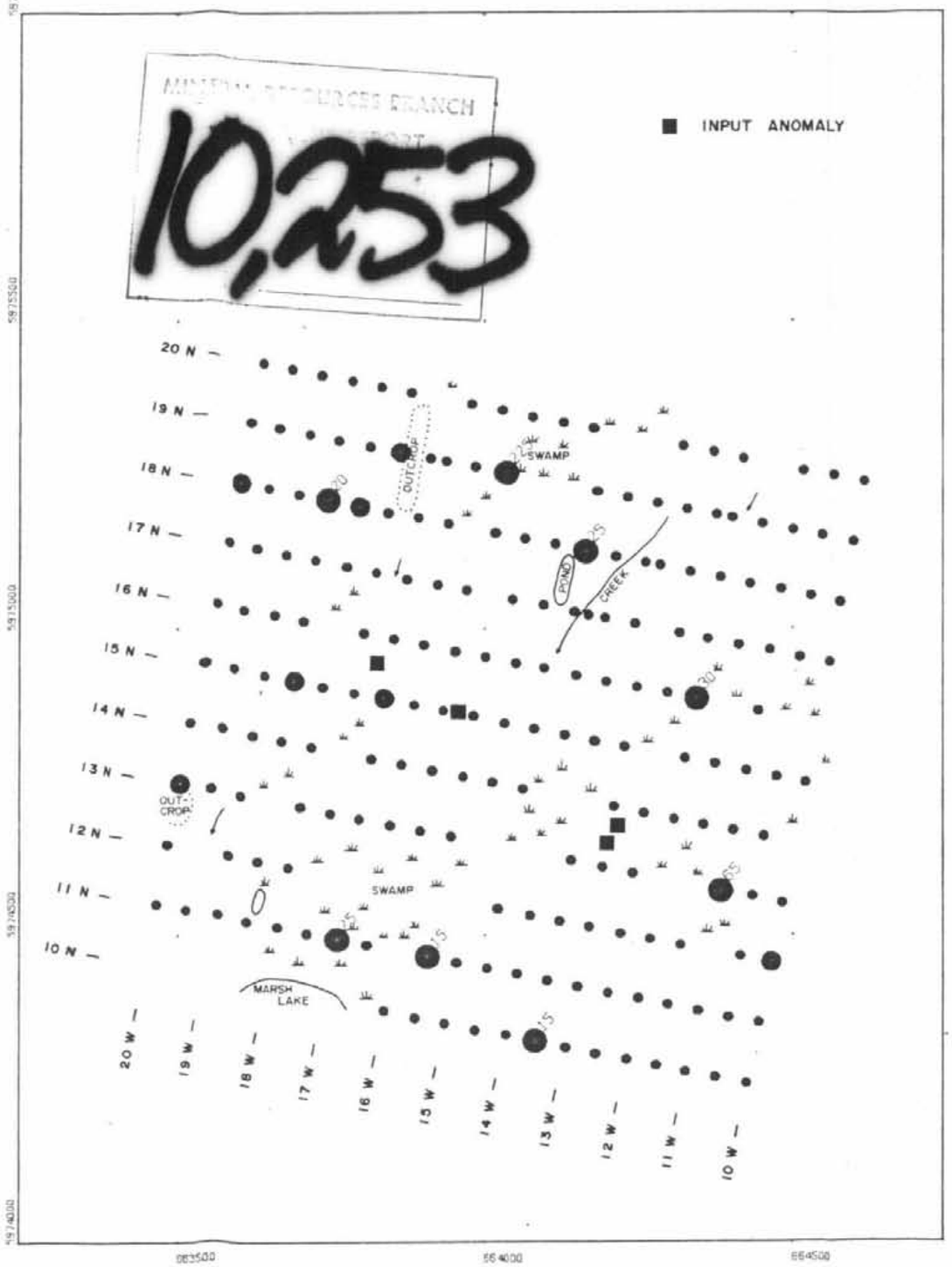
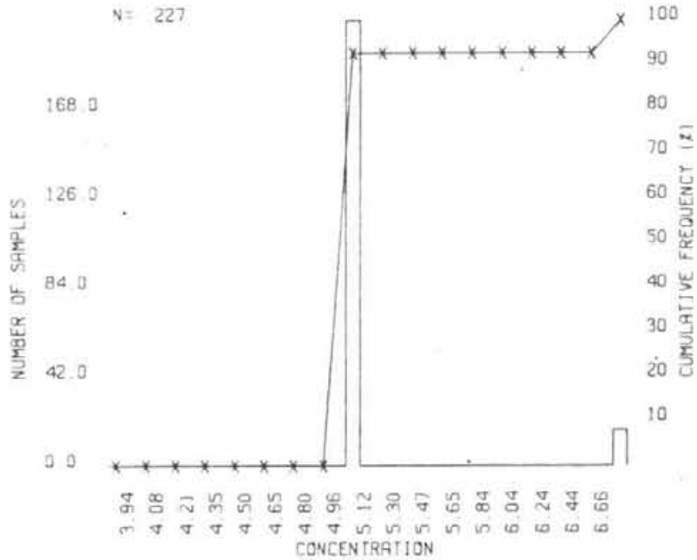
SILVER (PPM) IN SOIL SAMPLES

DWG. NO.	DATE NOVEMBER 1981 PROJECT 524-1	FIG. 2G
REPORT NO.	NTS 93E/15-16 SCALE 1 CM = 200 METRES	
TO ACCOMPANY REPORT		





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GOLD (PPB) IN SOIL SAMPLES

DWG NO.	DATE NOVEMBER 1981 PROJECT 524-1	FIG. 2H
REPORT NO.	NTS 93E/15-16 SCALE 1 CM = 200 METRES	
TO ACCOMPANY REPORT		

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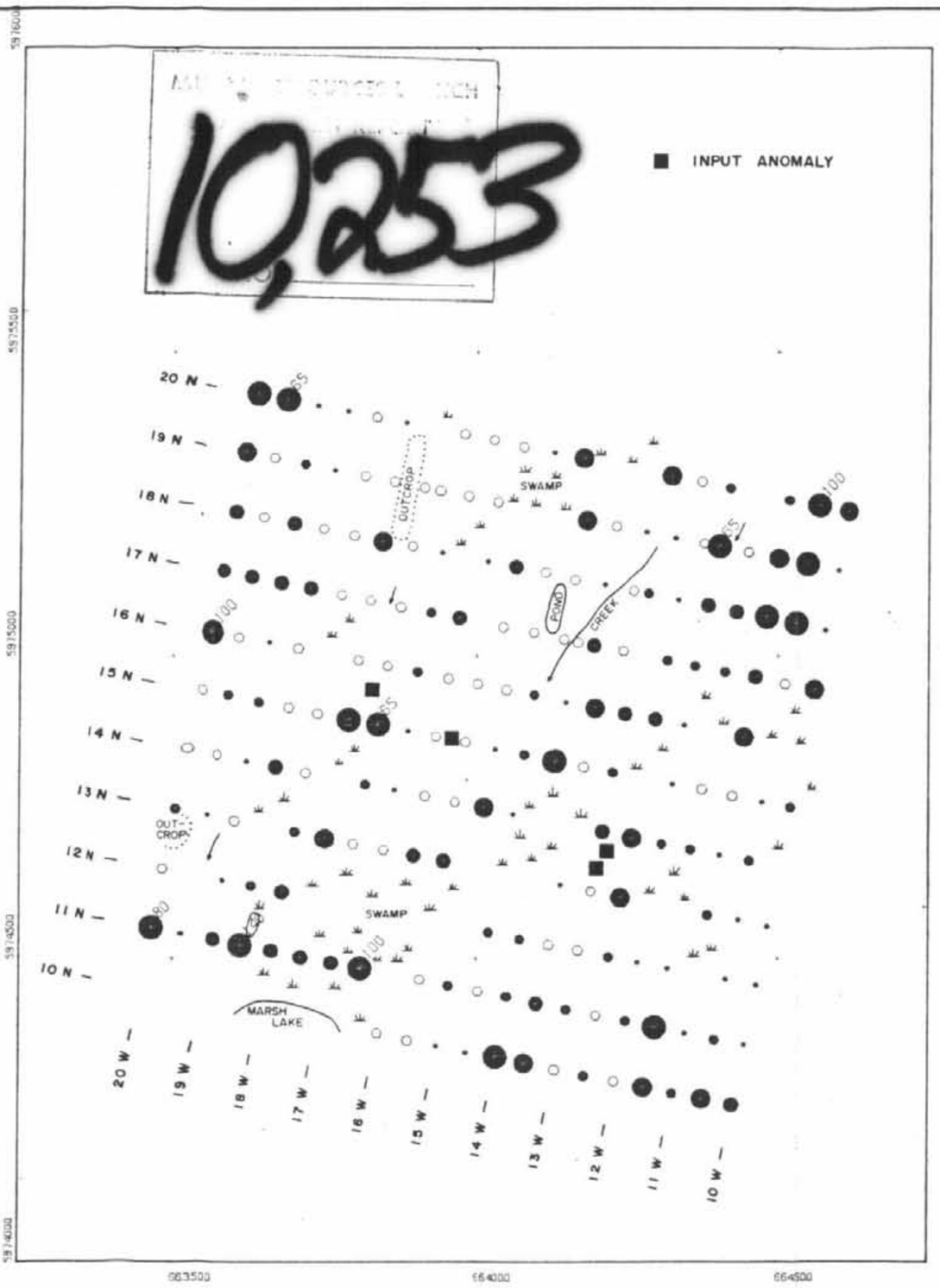

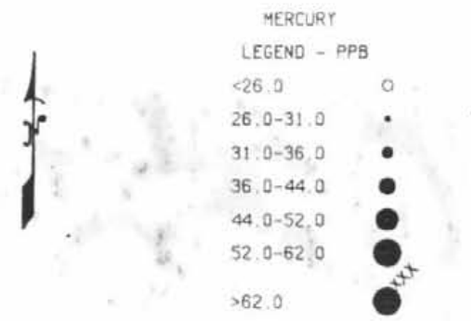

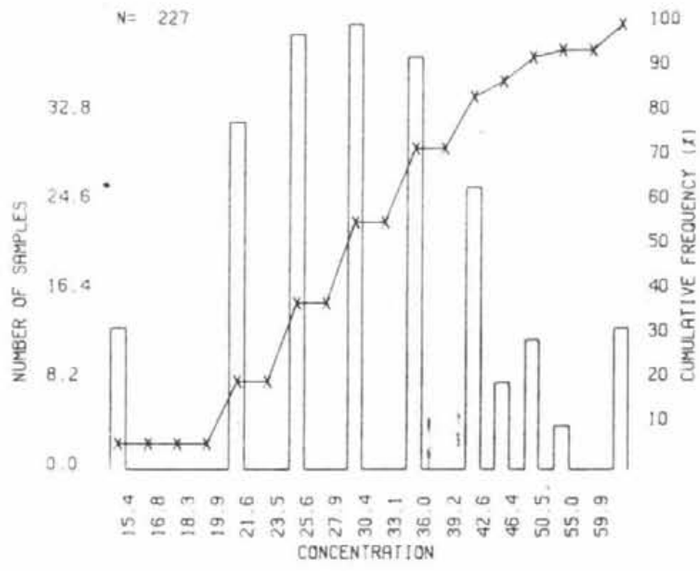

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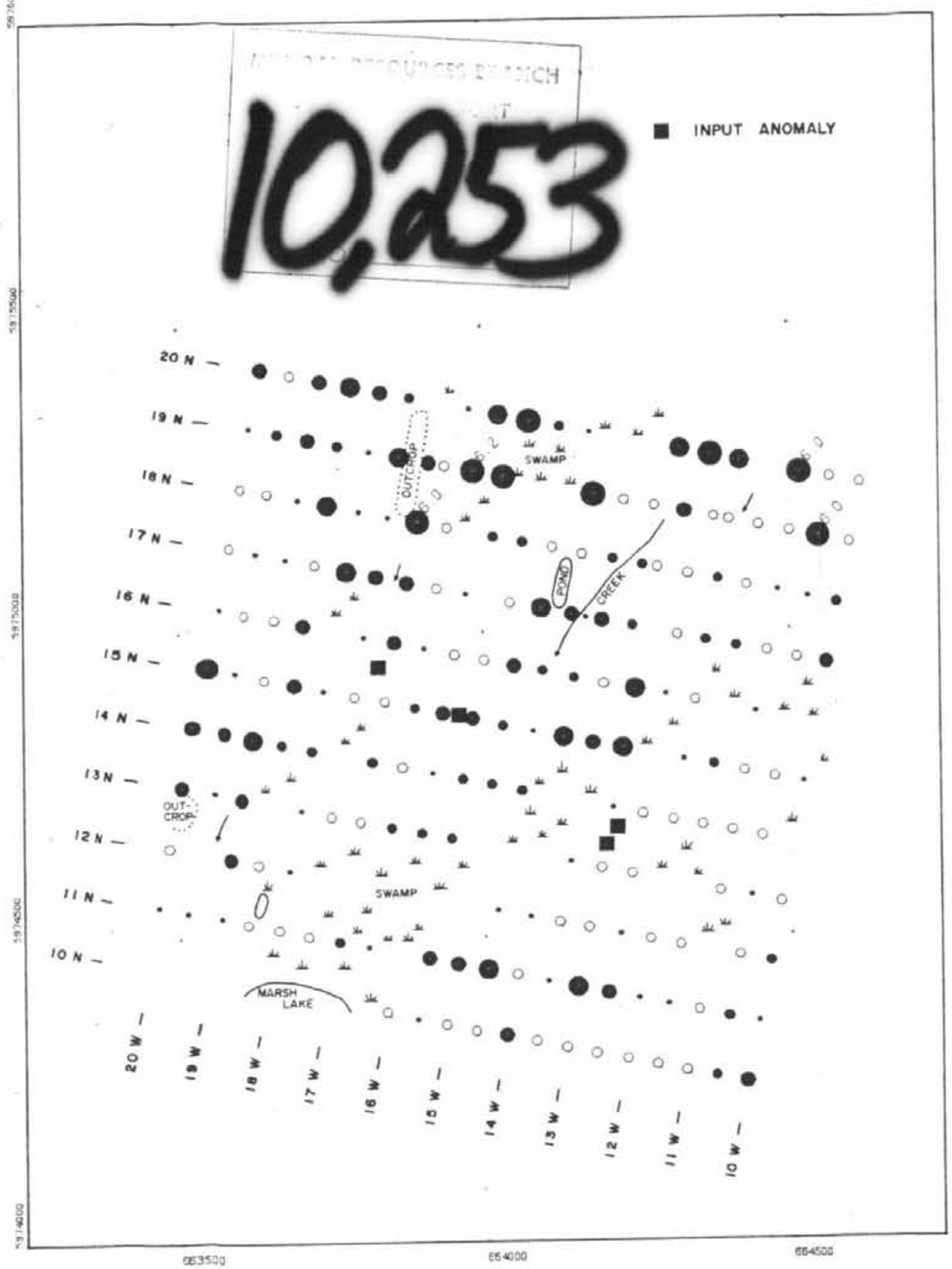
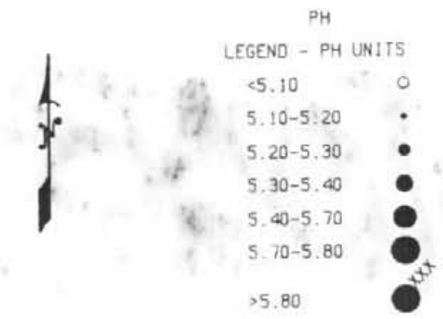
OOTSA LAKE PROJECT, B.C.

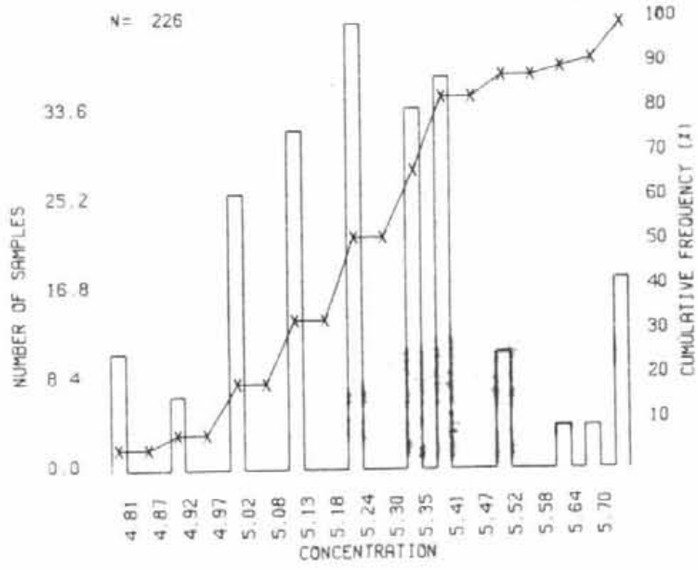
MERCURY (PPB) IN SOIL SAMPLES

DWG. NO.	DATE NOVEMBER 1981 PROJECT 524-1
REPORT NO.	NTS 93E/15-16 SCALE 1 CM = 2.00 METRES
TO ACCOMPANY REPORT:	

FIG. 21







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OOTSA LAKE PROJECT, B.C.

PH (PH UNITS) OF SOIL SAMPLES

DWG. NO.	DATE NOVEMBER 1981 PROJECT 524-1
REPORT NO.	NTS 93E/15-16 SCALE 1 CM = 200 METRES
TO ACCOMPANY REPORT:	

FIG. 2J