

83-#493-#11248

6

ASSESSMENT
REPORT
ON A
COMBINED MAGNETOMETER, VLF-ELECTROMAGNETIC
AND GEOCHEMICAL SOIL SAMPLING SURVEY
ON THE
PAYE MINERAL CLAIM (20 UNITS)
RECORD NUMBER 4043(6)
AFTON MINE - CHERRY CREEK AREA
KAMLOOPS MINING DIVISION
KAMLOOPS, BRITISH COLUMBIA
N. Lat. 50°35' W. Long. 120°30'
92-I-10E

for
JAN RESOURCES LTD.
Suite 811
543 Granville Street
Vancouver, British Columbia

by
DONALD W. TULLY, P.ENG.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,248

December 7, 1982

West Vancouver, B.C.

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

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FIGURE 1
LOCATION MAP

Scale 1" = 30 miles
DECEMBER 7, 1982

EDMONTON

JASPER

VALEMOUNT

WILLIAMS LAKE

BLUE RIVER

CLEARWATER

**PAYE CLAIM
20 Units**

REVELSTOCK

ASHCROFT

KAMLOOPS

SALMON ARM

HIGHLAND VALLEY

AFTON

CRAIGMONT MINE

SPENCES BRIDGE

VERMILION

LIMBY

FAUQUER

LYTTON

MERRITT

97

KELOWNA

BRENDA MINE

PEACHLAND

VANCOUVER

HOPE

PRINCETON

PENTICTON

BRITISH COLUMBIA
WASHINGTON U.S.A.

KEREMEOS

OLIVER

ROCK CREEK

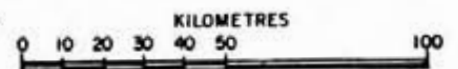
OSOTOO

GREENWOOD

GRAND FORKS



Doreen W. Kelly



INTRODUCTION

This report was prepared pursuant to a request from the Directors of JAN RESOURCES LTD., Suite 811, 543 Granville Street, Vancouver, B.C.

The purpose of this report is to summarize the results of a combined Magnetometer, VLF-electromagnetic and geochemical soil sampling survey and evaluate the mine-making potential of the PAYE mineral claim.

The basis of this report is a field examination of the legal corner post and the claim area on June 12, 1982 with R. Englund and a study of the data submitted to the writer.

A program of mineral exploration is recommended.

SUMMARY AND CONCLUSIONS

The PAYE mineral claim comprises twenty units located about seven kilometres due south of the Afton Mine and some ten kilometres southwest of the City of Kamloops, British Columbia.

The claim area has been previously logged over for marketable timber.

The topography is rolling and drainage pattern is northward over the property.

Andesite and associated volcanic tuffs and fragmental rocks belonging to the Nicola Group underlie the PAYE claim area. The Iron Mask batholith of complex plutonic masses occurs about five kilometres to the north-

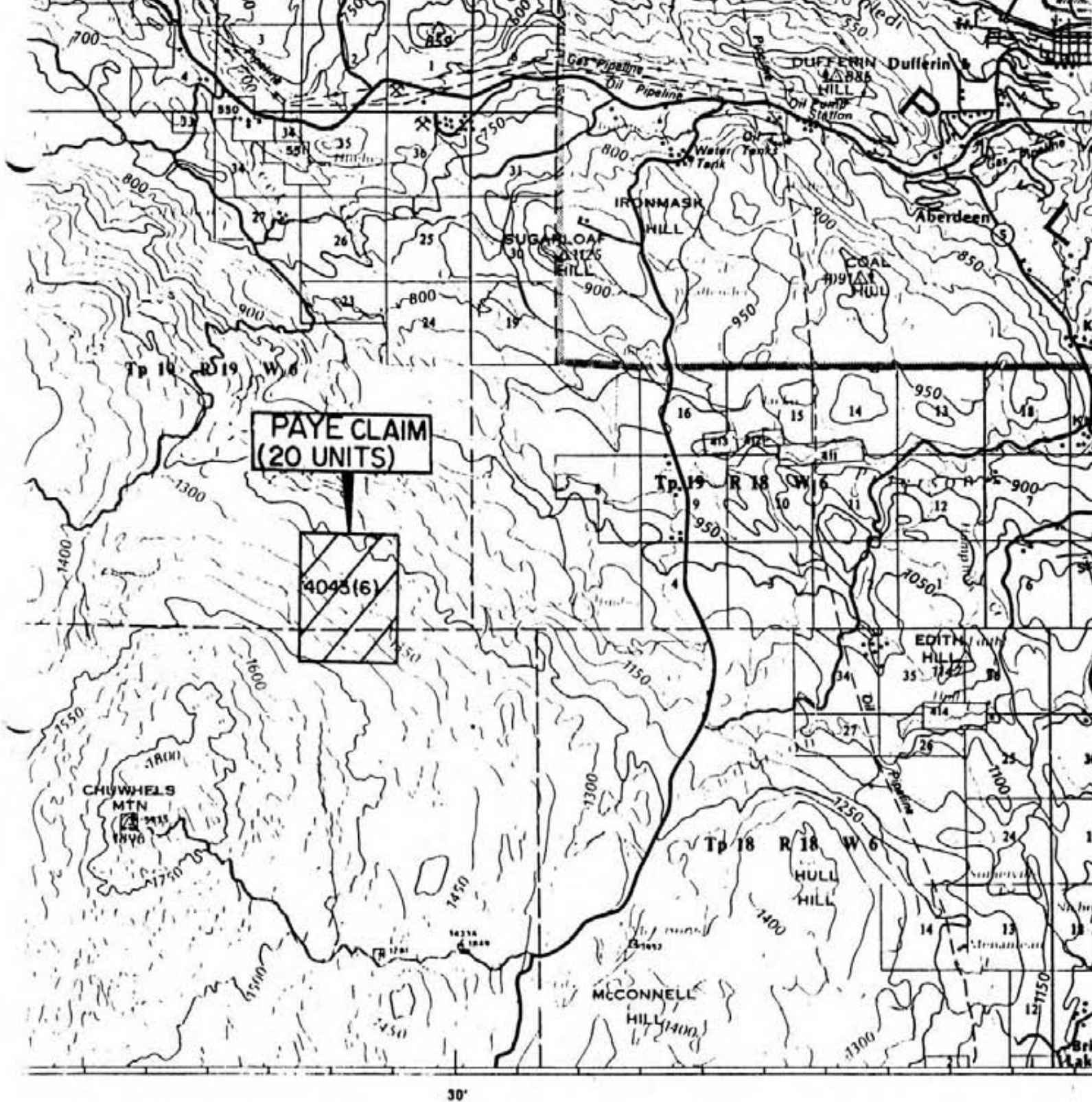


FIGURE 2

KAMLOOPS

KAMLOOPS DIVISION OF YALE LAND DISTRICT

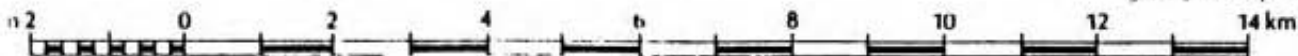
Scale 1:100 000
(1 cm = 1 km)

TOPOGRAPHIC PLAN

AFTER 92-1/NE

DECEMBER 7, 1982

Bruce W. Kelly



1 km = 0.6214 mi

Contour Interval 50 m

1 mi = 1.6093 km

east. Bodies of base and precious metal mineralization frequently occur in Nicola volcanics in the contact areas of the Iron Mask batholithic pluton. The trend of the rocks through the claim area is northwesterly.

A combined magnetometer, VLF-electromagnetic and geochemical soil survey was performed over the PAYE claim during August 1982. The results of this work showed geophysical anomalies and geochemically anomalous results in copper.

Although economic mineralization has not yet been reported from the area occupied by the PAYE claim it is concluded this ground is in a favourable geological environment for the occurrence of copper and merits a program of further geophysical exploration to outline any deeply buried mineral targets.

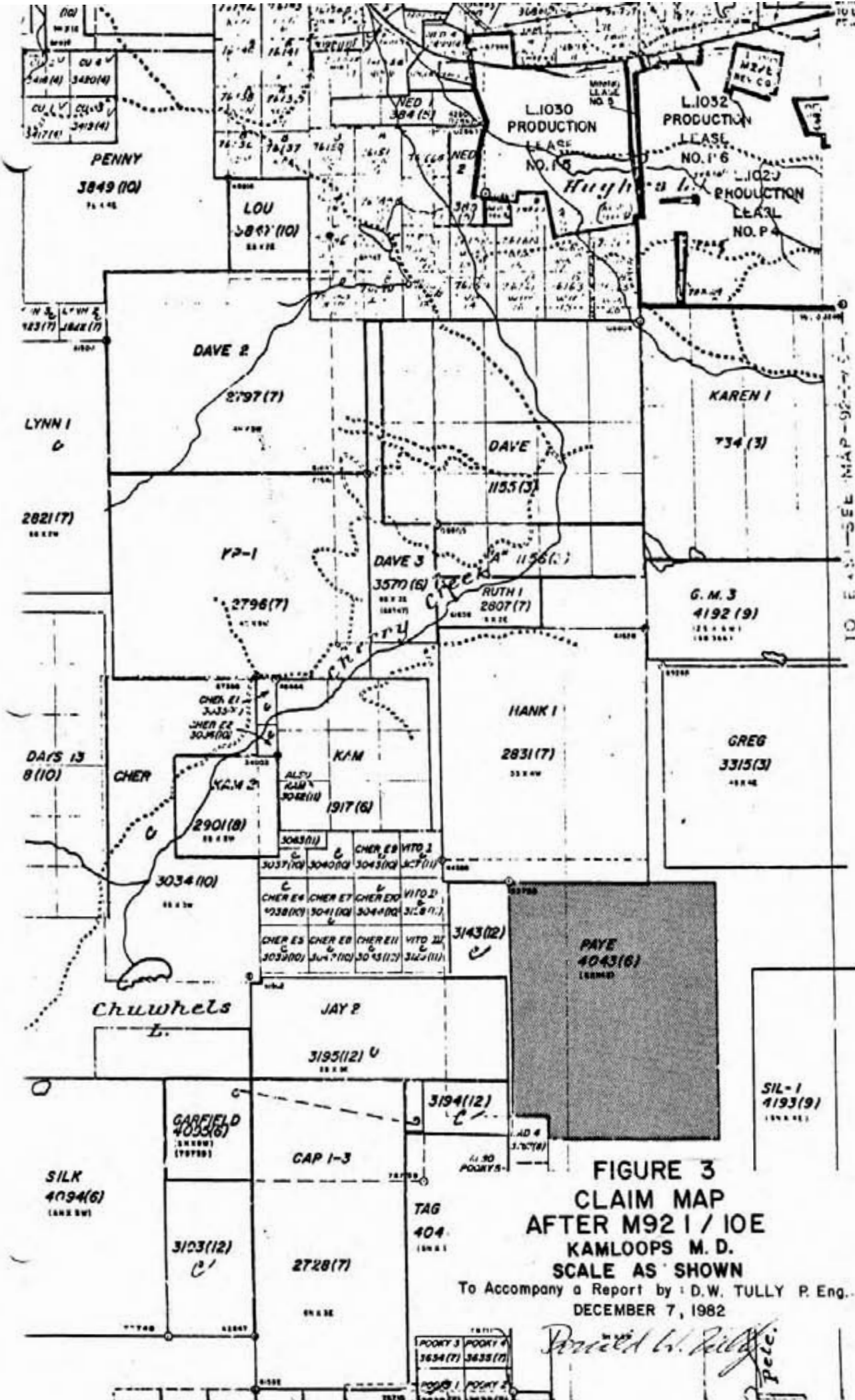
A three-stage program of mineral exploration is recommended at an estimated total cost of \$52,500.

PROPERTY - LOCATION, ACCESS, PHYSIOGRAPHY
AND ENVIRONMENTAL CONSIDERATIONS

The PAYE mineral claim is located in the Kamloops Mining Division. It comprises twenty claim units and covers an area of 400 hectares (988 acres).

The property is accessible by 4 WD vehicle, a road distance of sixteen kilometres, southward from No. 1 highway at the hamlet of Cherry Creek.

Overburden is mostly sand, loam and glacial debris.



LEGEND

- CROWN-GRANTED MINERAL CLAIM
- REVERTED C.O. MINERAL CLAIM
- FORFEITED MINERAL CLAIM
- VERIFIED LEGAL CORNER POST
- LEGAL SURVEY
- LEGAL CORNER POST & TAG NUMBER OTHER

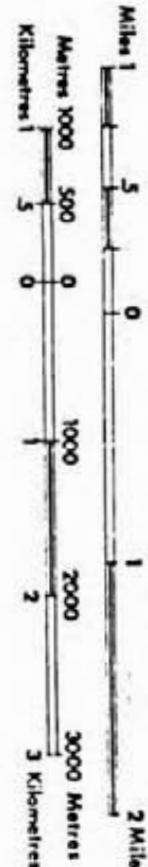


FIGURE 3
CLAIM MAP
AFTER M921 / IOE
KAMLOOPS M. D.
SCALE AS SHOWN

To Accompany a Report by D.W. TULLY P. Eng.
 DECEMBER 7, 1982

David W. Tully
 P. Eng.

Province of British Columbia
 Ministry of Energy, Mines and Petroleum Resources

LEGAL O
 THER IM
 CONCERN
 DATE 0

POCKY 3	POCKY 4
3634(7)	3635(7)
POCKY 1	POCKY 2

The PAYE claim occupies a rolling, north-facing slope that is forested with pine, poplar and considerable underbrush.

Elevations vary over the property between 4,000 feet on the north to about 5,000 feet in the south sector of the ground.

The climate is warm in summer and moderate in winter. The land area is under grazing lease.

CLAIM

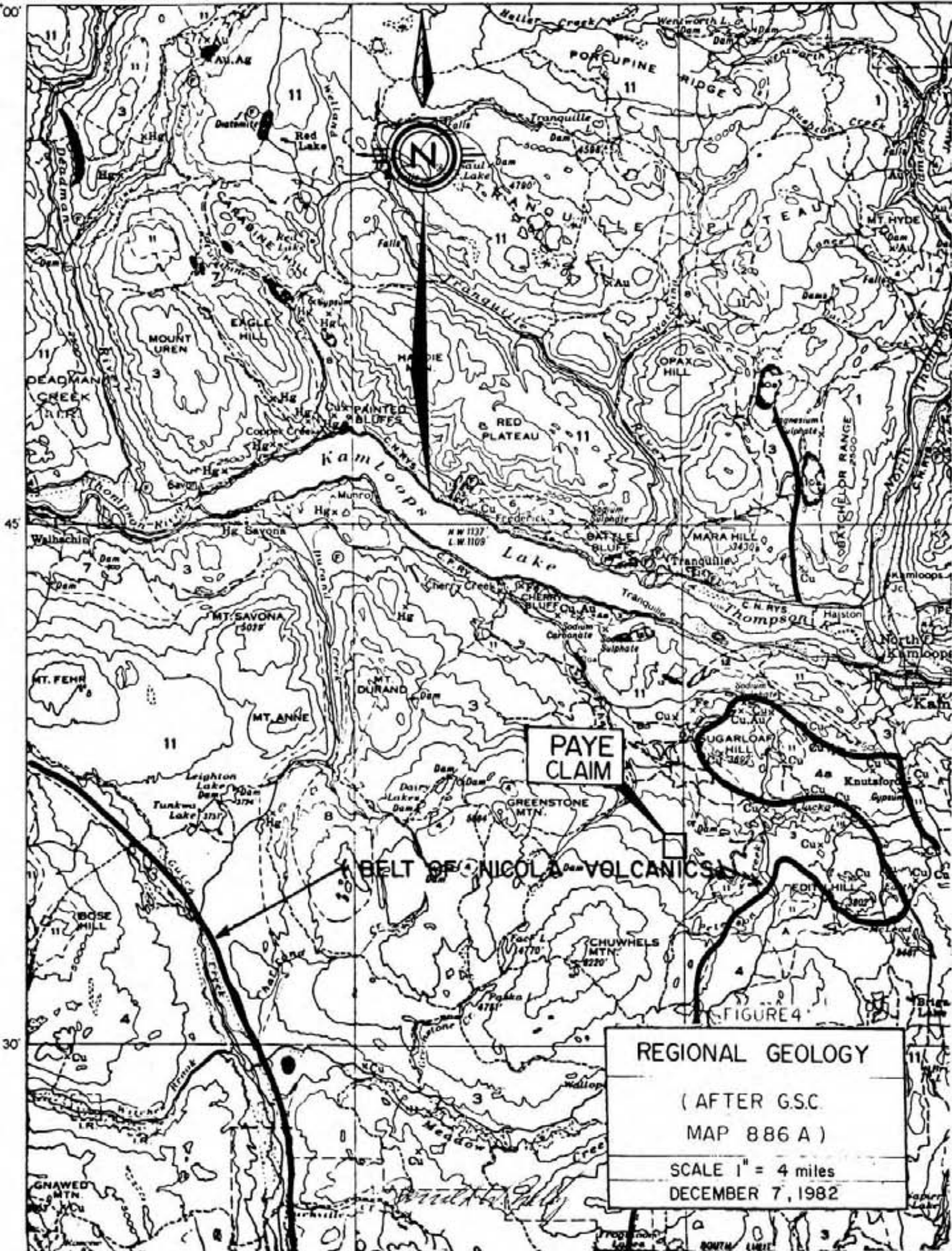
Information on file with the Gold Commissioner at Kamloops, British Columbia on December 6, 1982 was as follows:

Claim Name	-	PAYE
Record Number	-	4043(6)
Units (4E x 5S)	-	20
Expiry Date	-	May 6, 1983
Recorded Owner	-	M.D. Thompson

The PAYE mineral claim is shown on British Columbia Ministry of Energy, Mines and Petroleum Resources mineral claim map 92-I-10E (Figure 3).

HISTORY - PREVIOUS DEVELOPMENT

The staking rush in the Kamloops area that followed the discovery of the Afton Mine in late 1971 resulted in the staking of the ground now held by the PAYE claim. The results of any exploration work done at that time are not available to the writer.



REFERENCES

Geological Survey of Canada Memoir 249 and accompanying Map

Geological Survey of Canada Aeromagnetic Maps 5216G and 5217G

Report on the HANK 2 Mineral Claim (20 units) for Grande Trunk Resources Ltd., by Donald W. Tully, P.Eng., and dated April 26, 1981

Report on the PAYE Mineral Claim (20 units) for Jan Resources Ltd., by Donald W. Tully, P. Eng., and dated June 16, 1982.

REGIONAL AND LOCAL GEOLOGICAL SETTING

The general geology of the PAYE claim area is shown on Geological Survey of Canada Map 886A (Nicola) and outlined on Figure 4.

The property is underlain by Nicola volcanics and presumably the southwest contact zone of the Iron Mask Batholith.

A tentative geologic timetable pertaining to the property area is as follows:

<u>Formation</u>	<u>Description/Event</u>	<u>Age</u>
Sand, gravel, glacial debris and loam	Unconsolidated (Erosional unconformity)	Quaternary
Coast Intrusions	Complex intrusive sequence of granite, granodiorite, diorite and related felsic and mafic dykes (Folding, faulting, shearing and related tectonic activity)	Jurassic

<u>Formation</u>	<u>Description/Event</u>	<u>Age</u>
Nicola Group of volcanics	Greenstone, andesite and basalt	Upper Triassic

Structurally, the basement of Nicola Volcanics and Iron Mask intrusives, which underlie the PAYE mineral claim, trends northwesterly. This observation is confirmed by the aeromagnetic map of the area which tends to reflect the basement geologic structure.

Aeromagnetic relief over the claim area rises gently northward towards the area of outcrop of the Iron Mask pluton and is inverse to the trend of the surface terrain.

RESULTS OF THE 1982 WORK PROGRAM

Strato Geological Engineering Ltd., Suite 103, 709 Dunsmuir Street, Vancouver, British Columbia performed a combined program of magnetometer, VLF-electromagnetic and geochemical soil sampling survey over the PAYE mineral claim during the period August 2 through August 27, 1982 inclusive. The personnel employed on the program were:

S. Novak	-	Field Supervisor
J. Gibson	-	Geophysical Technician
C. Aitkenhead	-	Field Assistant

The results of the surveys are shown on Figures 5, 6, 7, 8 and 9 accompanying this report.

Magnetometer Survey (Figure 5)

A Scintrex Model MP-2 Proton Precession Magnetometer, Serial #8007672 was used during the field work.

The total magnetic datum field base was 57,000 gammas. All readings have been corrected for geomagnetic diurnal variation.

Total magnetic relief over the claim area is 837 gammas.

A series of magnetic "HIGH" and "LOW" areas were found over the property. Most of these zones of magnetic intensity are concentrated in the northern and western portions of the ground and appear to be related to a rolling topography.

A magnetic "LOW" area on line 5+50 East at 8+00 to 11+00 South appears to correlate with an anomalous area of VLF-electromagnetic intensity. A "LOW" area at line 12+00 East and 6+00 to 8+00 South also tends to be coincident with a zone of electromagnetic response and a similar instance occurs on line 5 South at 6+00E.

VLF-Electromagnetic Survey (Figure 6)

A Sabre Electronics Model 27 instrument, Serial #51 was used during the field survey.

Numerous north-trending anomalous zones of varying electromagnetic intensity were found during the survey. Most of the zones of electromagnetic response tend to be weak and are interpreted as indicative of "paths" of telluric current along basement geologic structure.

Geochemical Soil Sampling Survey

A total of 1,040 soil samples were taken in the field. Of these samples 781 were analyzed for copper, lead, zinc, silver and arsenic at Acme Analytical Laboratories using the inductively coupled plasma (ICP) method. All samples were reported taken from the "B" soil horizon. The results are shown on Figures 7, 8 and 9.

Copper (Figure 7)

781 soil samples were assayed. The results were as follows:

<u>No. of Samples</u>	<u>Range of Results</u>
252	0 - 20 parts per million
304	21 - 40 parts per million
118	41 - 60 parts per million
43	61 - 80 parts per million
30	81 - 100 parts per million
19	101 - 150 parts per million
<u>15</u>	151+ parts per million
<u>781</u>	

The highest value in copper was 295 parts per million on Line 2+00 South at 12+50 East.

Values in copper above 80 parts per million may be considered to be anomalous although the average crustal content of the basement rock is not known.

A weakly anomalous zone of copper values occurs in the south-central sector of the claim in the area of Line 8+50 East. This zone appears to correlate with a creek drainage and may be due to local accumulation of this metal.

Several single point anomalous values in copper occur in the northeast portion of the claim area. These values tend to correlate with local magnetic "HIGH" areas as well as single readings of electromagnetic response.

Lead (Figure 8)

781 soil samples were analyzed. The results were as follows:

<u>No. of Samples</u>	<u>Range of Results</u>
781	0 - 10 parts per million

The highest value in lead was 10 parts per million on Line 19+00 South at 6+50 East.

None of the values in lead are considered to be anomalous.

Zinc (Figure 8)

781 soil samples were assayed for zinc. The results were as follows:

<u>No. of Samples</u>	<u>Range of Results</u>
542	0 - 50 parts per million
204	51 - 100 parts per million
32	101 - 150 parts per million
0	151 - 200 parts per million
<u>3</u>	201 - 250 parts per million
<u>781</u>	

The highest value in zinc was 220 parts per million on Line 8+00 South at 1+50 East.

Although values in zinc above 150 parts per million may be considered to be anomalous, it is concluded no significant geochemical response in this metal was found.

Silver (Figure 9)

781 soil samples were analyzed for silver. The results were as follows:

<u>No. of Samples</u>	<u>Range of Results</u>
776	0.0 - 0.3 parts per million
<u>5</u>	0.4 - 0.7 parts per million
<u>781</u>	

The highest value in silver was 0.5 parts per million on Line 19+00 South at 6+50 East.

It is concluded no significant values in silver were found on the claim area.

Arsenic (Figure 9)

781 soil samples were assayed for arsenic. The results were as follows:

<u>No. of Samples</u>	<u>Range of Results</u>
749	0 - 5 parts per million
<u>32</u>	6 - 10 parts per million
<u>781</u>	

The highest value in arsenic was 9 parts per million on Line 11+00 South at 13+00 East.

No significant values in arsenic were found on the claim area.

RECOMMENDATIONS

It is proposed to test the central and north sectors of the PAYE claim area using induced polarization technique systems. It is recommended any anomalous zones resulting from the induced polarization test be further explored for mineralization at substantial subsurface depth.

ESTIMATED COST OF THE PROPOSED WORK PROGRAM

Phase 1

Induced polarization survey in the south central and north sectors of the claim area. The contract price should include the cost of mobilization, demobilization and the final report of the survey.

(Estimate 15 kilometres x \$1,500 per line-km)	\$22,500
--	----------

Phase 2

Deep-penetrating Turam survey over those areas showing significant induced polarization response. The contract price should include all costs and the report on the survey.

(Assume 15 line kilometres x \$2,000 per line-km)	<u>30,000</u>
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CARRIED FORWARD	\$52,500
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BROUGHT FORWARD

\$ 52,500

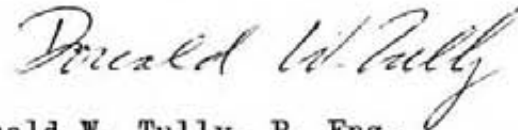
Phase 3

Contingent upon an engineering evaluation of the results of the mineral exploration programs carried out in Phases 1 and 2 and an engineering recommendation to further test the ground, it is then proposed to diamond drill any anomalous zones deemed to be of economic merit.

Total Estimated Cost
Phases 1 and 2

\$ 52,500

Respectfully submitted,



Donald W. Tully, P. Eng.

December 7, 1982

CERTIFICATE

I, DONALD WILLIAM TULLY, of the Corporation of West Vancouver, Province of British Columbia, hereby certify as follows:

- 1) I am a Consulting Geologist with an office at Suite 1205, 555 - 13th Street, West Vancouver, B.C.
- 2) I am a registered Professional Engineer of the Provinces of British Columbia and Ontario.
- 3) I graduated with a degree of Bachelor of Science, Honours Geology, from McGill University in 1943.
- 4) I have practiced my profession for thirty-seven years.
- 5) I have no direct, indirect or contingent interest in the PAYE mineral claim, 4043(6) (20 units), subject of this report, or the securities of JAN RESOURCES LTD., nor do I intend to have any interest.
- 6) This report dated December 7, 1982 is based on a personal field examination I made on June 12, 1982 and from information gathered from available maps, reports and submitted data.
- 7) I have consulted on the DAVE & "A", GREG, HANK and KAM claim groups that occur within ten kilometres of the PAYE claim during the past five years.
- 8) Written permission from the author is required to publish this report dated December 7, 1982 in any Prospectus or Statement of Material Facts.

DATED at West Vancouver, Province of British Columbia, this 8th day of December, 1982.

Donald W. Tully

DONALD W. TULLY, P. ENG.,
Consulting Geologist



STRATO GEOLOGICAL ENGINEERING LTD.
103-709 DUNSMUIR STREET
VANCOUVER, BRITISH COLUMBIA
V6C 1M9

TELEPHONE (604) 687-4610

December 5, 1983

TIME - COST DISTRIBUTION

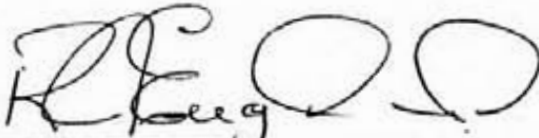
The Geochemical and Geophysical Surveys were conducted over the PAYE claim by Strato Geological Engineering Ltd. during the period August 3 to August 28, 1982. A listing of personnel and distribution of costs are as follows:

Personnel

S. Nowak, B. Com.	Project Supervisor and Geophysical Operator.
J. Gibson	Geophysical Operator.
C. Aitkenhead	Field Assistant.

Cost Distribution

Labour	\$ 9,250.00
Room and Board	1,540.04
Transportation (4WD)	1,539.96
Field Costs, Supplies, etc.	447.10
Equipment Rental (Magnetometer, VLF-EM)	870.00
Field Costs	197.55
Drafting	1,877.24
Assaying	4,442.30
Data Reduction and Map Compilation	<u>1,200.00</u>
TOTAL CHARGES	<u><u>\$21,364.19</u></u>


Strato Geological Engineering Ltd.

Supersedes a
previous Statement.
TK

APPENDIX

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
 SAMPLE TYPE - SOIL

DATE RECEIVED AUG 31 1982 DATE REPORTS MAILED Sept 24/82 ASSAYER D. Toy DEAN TOYE, CERTIFIED B.C. ASSAYER

STRATO FILE # B2-0999

PAGE# 1

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 0 0	12	1	32	.1	2
PAYE 0 1E	10	2	27	.1	2
PAYE 0 2E	268	3	31	.4	7
PAYE 0 3E	20	4	45	.1	4
PAYE 0 4E	20	3	47	.1	2
PAYE 0 5E	23	2	35	.1	2
PAYE 0 6E	19	3	49	.1	3
PAYE 0 7E	15	3	46	.1	2
PAYE 0 8E	19	3	45	.1	2
PAYE 0 9E	18	3	66	.1	2
PAYE 0 10E	14	2	31	.1	3
PAYE 0 11E	203	3	35	.3	5
PAYE 0 12E	14	2	39	.1	2
PAYE 0 13E	58	2	34	.2	2
PAYE 0 14E	25	2	61	.1	4
PAYE 0 15E	32	1	51	.1	2
PAYE 0 16E	41	2	59	.1	2
PAYE 0 17E	173	4	55	.2	6
PAYE 0 18E	21	3	40	.1	2
STD A-1	29	35	180	.4	10

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 0 19E	35	3	88	.1	2
PAYE 0 20E	36	4	50	.1	2
PAYE 1S 0	30	4	36	.1	6
PAYE 1S 1E	12	5	93	.1	2
PAYE 1S 2E	14	2	31	.1	2
PAYE 1S 3E	12	3	19	.1	2
PAYE 1S 4E	14	5	39	.1	2
PAYE 1S 5E	11	3	39	.1	3
PAYE 1S 6E	12	3	35	.1	2
PAYE 1S 7E	14	2	38	.1	2
PAYE 1S 8E	39	5	53	.1	6
PAYE 1S 9E	17	3	44	.1	2
PAYE 1S 10E	26	3	79	.1	2
PAYE 1S 11E	11	3	35	.1	2
PAYE 1S 12E	27	3	31	.1	4
PAYE 1S 13E	20	4	32	.1	2
PAYE 1S 14E	103	4	83	.1	6
PAYE 1S 15E	26	4	48	.1	7
PAYE 1S 16E	83	5	67	.1	5

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 1S 17F	118	7	41	.1	4
PAYE 1S 18E	141	4	126	.1	3
PAYE 1S 19E	81	1	49	.1	4
PAYE 1S 20E	90	4	56	.2	4
PAYE 2S 0+50E	77	3	89	.1	2
PAYE 2S 1+50E	16	3	69	.1	4
PAYE 2S 2+50E	44	3	41	.1	4
PAYE 2S 3+50E	29	3	51	.1	4
PAYE 2S 4+50E	12	2	46	.1	2
PAYE 2S 5+50E	26	4	37	.2	5
PAYE 2S 6+50E	20	2	38	.1	3
PAYE 2S 7+50E	16	2	39	.1	2
PAYE 2S 8+50E	28	3	34	.1	2
PAYE 2S 9+50E	23	3	60	.1	2
PAYE 2S 10+50E	16	3	43	.1	3
PAYE 2S 11+50E	46	3	42	.1	4
PAYE 2S 12+50E	295	4	92	.1	8
PAYE 2S 13+50E	39	1	143	.1	2
STD A-1	31	36	191	.3	13

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 2S 14+50E	45	6	127	.1	6
PAYE 2S 15+50E	29	3	48	.1	2
PAYE 2S 16+50E	46	3	47	.1	6
PAYE 2S 17+50E	39	3	49	.1	3
PAYE 2S 18+50E	61	3	46	.2	4
PAYE 2S 19+50E	44	4	60	.1	7
PAYE 3S 0	11	2	20	.1	2
PAYE 3S 1E	13	5	107	.1	3
PAYE 3S 2E	43	3	33	.1	3
PAYE 3S 3E	19	4	34	.1	2
PAYE 3S 4E	19	2	61	.1	6
PAYE 3S 5E	13	2	65	.1	4
PAYE 3S 6E	23	4	67	.1	5
PAYE 3S 7E	14	3	38	.1	2
PAYE 3S 8E	30	3	38	.1	5
PAYE 3S 9E	17	3	25	.1	2
PAYE 3S 10E	28	3	42	.1	3
PAYE 3S 11E	17	2	46	.1	3
PAYE 3S 12E	16	2	28	.1	2
STD A-1	30	39	188	.3	11

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 3S 12+50E	49	5	38	.1	7
PAYE 3S 13+50E	23	3	34	.1	2
PAYE 3S 14+50E	24	2	34	.1	2
PAYE 3S 15+50E	21	3	103	.1	4
PAYE 3S 16+50E	47	5	86	.1	3
PAYE 3S 17+50E	141	2	82	.1	5
PAYE 3S 18+50E	57	3	64	.1	4
PAYE 3S 19+50E	29	3	50	.1	4
PAYE 4S 0	14	2	56	.1	2
PAYE 4S 1E	11	4	25	.1	2
PAYE 4S 2E	14	3	33	.1	3
PAYE 4S 3E	137	5	23	.3	3
PAYE 4S 4E	13	1	37	.1	3
PAYE 4S 5E	13	3	43	.1	2
PAYE 4S 6E	23	5	44	.2	7
PAYE 4S 7E	16	3	32	.1	2
PAYE 4S 8E	32	2	26	.1	7
PAYE 4S 9E	13	3	26	.1	2
PAYE 4S 10E	15	2	24	.1	3
STD A-1	31	39	191	.3	13

STRATO FILE # B2-0999

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 4S 10+50E	19	2	27	.1	4
PAYE 4S 11+50E	19	3	28	.1	2
PAYE 4S 12+50E	22	3	45	.1	2
PAYE 4S 13+50E	101	2	49	.1	3
PAYE 4S 14+50E	46	2	74	.1	2
PAYE 4S 15+50E	22	4	46	.1	2
PAYE 4S 16+50E	27	3	52	.1	2
PAYE 4S 17+50E	43	3	59	.1	5
PAYE 4S 18+50E	221	4	64	.1	6
PAYE 4S 19+50E	62	4	67	.1	2
PAYE 5S 0	117	4	83	.1	3
PAYE 5S 1E	10	3	46	.1	2
PAYE 5S 2E	23	4	54	.1	2
PAYE 5S 3E	48	3	93	.1	2
PAYE 5S 4E	10	2	19	.1	2
PAYE 5S 5E	17	3	68	.1	2
PAYE 5S 6E	94	4	29	.3	7
PAYE 5S 7E	20	3	46	.1	2
PAYE 5S 8E	33	4	35	.1	4
STD A-1	30	37	191	.3	12

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 5S 8+50E	18	3	48	.1	2
PAYE 5S 9+50E	10	2	30	.1	2
PAYE 5S 10+50E	94	5	42	.2	6
PAYE 5S 11+50E	159	4	89	.1	5
PAYE 5S 12+50E	19	2	73	.1	2
PAYE 5S 13+50E	13	3	35	.1	2
PAYE 5S 14+50E	94	4	62	.1	4
PAYE 5S 15+50E	45	2	32	.1	3
PAYE 5S 16+50E	25	2	37	.1	2
PAYE 5S 17+50E	27	3	35	.1	3
PAYE 5S 18+50E	21	4	36	.1	2
PAYE 5S 19+50E	28	4	42	.1	2
PAYE 6S 0	36	4	65	.1	3
PAYE 6S 1E	43	1	66	.1	2
PAYE 6S 2E	15	3	95	.1	2
PAYE 6S 3E	10	3	28	.1	2
PAYE 6S 4E	13	3	21	.1	5
PAYE 6S 5E	11	3	34	.1	2
PAYE 6S 6E	15	4	51	.1	4
STD A-1	31	37	189	.3	11

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 6S 6+50E	55	6	91	.7	7
PAYE 6S 7+50E	56	5	42	.1	2
PAYE 6S 8+50E	45	4	141	.1	2
PAYE 6S 9+50E	59	6	202	.2	3
PAYE 6S 10+50E	8	4	19	.1	2
PAYE 6S 11+50E	23	5	43	.1	2
PAYE 6S 12+50E	68	4	88	.1	2
PAYE 6S 13+50E	41	2	48	.1	2
PAYE 6S 14+50E	66	5	99	.2	2
PAYE 6S 15+50E	72	5	63	.1	2
PAYE 6S 16+50E	38	3	56	.1	3
PAYE 6S 17+50E	34	4	30	.1	7
PAYE 6S 18+50E	70	5	50	.1	2
PAYE 6S 19+50E	23	5	44	.1	4
PAYE 7S 0	22	5	91	.1	3
PAYE 7S 1E	5	3	44	.1	2
PAYE 7S 2E	21	4	68	.1	3
PAYE 7S 3E	35	4	34	.1	3
PAYE 7S 4E	12	3	18	.1	2
STD A-1	30	38	191	.3	11

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 7S 5E	9	2	21	.1	2
PAYE 7S 6E	67	3	106	.1	2
PAYE 7S 7E	54	3	71	.1	2
PAYE 7S 8E	19	3	47	.1	2
PAYE 7S 9E	74	6	81	.1	2
PAYE 7S 10E	18	1	25	.1	2
PAYE 7S 11E	122	2	97	.1	2
PAYE 7S 12E	36	2	32	.1	2
PAYE 7S 13E	14	2	37	.1	2
PAYE 7S 14E	55	1	52	.1	2
PAYE 7S 15E	35	3	46	.1	2
PAYE 7S 16E	25	3	38	.1	2
PAYE 7S 17E	29	4	29	.1	2
PAYE 7S 18E	29	3	74	.1	2
PAYE 7S 19E	11	3	28	.1	2
PAYE 7S 20E	27	5	57	.1	2
PAYE 8S 0+50E	13	4	53	.1	2
PAYE 8S 1+50E	34	4	220	.1	2
STD A-1	30	38	184	.3	6

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SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE BS 2+50E	22	4	47	.1	2
PAYE BS 3+50E	8	2	14	.1	2
PAYE BS 4+50E	11	3	30	.1	2
PAYE BS 5+50E	17	3	35	.1	2
PAYE BS 6+50E	20	3	28	.1	2
PAYE BS 7+50E	39	4	55	.1	2
PAYE BS 8+50E	50	4	65	.1	2
PAYE BS 9+50E	27	3	43	.1	2
PAYE BS 10+50E	12	2	30	.1	2
PAYE BS 11+50E	20	3	26	.1	2
PAYE BS 12+50E	81	4	77	.1	3
PAYE BS 13+50E	13	3	32	.1	2
PAYE BS 14+50E	36	3	30	.1	3
PAYE BS 15+50E	16	4	26	.1	3
PAYE BS 16+50E	14	3	53	.1	2
PAYE BS 17+50E	23	4	49	.1	2
PAYE BS 18+50E	52	5	36	.1	3
PAYE BS 19+50E	25	2	30	.1	2
PAYE 95 0	21	3	38	.1	2
STD A-1	.31	37	190	.3	8

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 9S 1E	8	2	34	.1	2
PAYE 9S 2E	46	6	121	.1	2
PAYE 9S 3E	15	4	36	.1	2
PAYE 9S 4E	11	3	19	.1	2
PAYE 9S 5E	10	3	62	.1	2
PAYE 9S 6E	26	4	45	.1	2
PAYE 9S 7E	25	3	32	.1	2
PAYE 9S 8E	10	3	33	.1	2
PAYE 9S 9E	34	3	41	.1	3
PAYE 9S 10E	25	4	29	.1	2
PAYE 9S 11+50E	27	4	43	.1	2
PAYE 9S 12+50E	50	2	89	.1	2
PAYE 9S 13+50E	92	4	35	.1	2
PAYE 9S 14+50E	21	3	30	.1	2
PAYE 9S 15+50E	29	4	26	.1	2
PAYE 9S 16+50E	16	2	29	.1	2
PAYE 9S 17+50E	43	5	37	.1	2
PAYE 9S 18+50E	39	6	68	.1	2
STD A-1	30	38	190	.4	4

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 9S 19+50E	66	3	55	.1	4
PAYE 10S 0	20	2	18	.1	2
PAYE 10S 1E	16	2	31	.1	2
PAYE 10S 2E	28	4	74	.1	2
PAYE 10S 3E	15	3	21	.2	2
PAYE 10S 4E	12	2	20	.1	2
PAYE 10S 5E	15	3	22	.1	2
PAYE 10S 6E	12	2	27	.1	2
PAYE 10S 7E	56	3	40	.2	4
PAYE 10S 8E	17	1	28	.1	2
PAYE 10S 9E	60	5	95	.1	3
PAYE 10S 10E	84	1	75	.1	3
PAYE 10S 11E	233	1	72	.1	2
PAYE 10S 12E	13	2	24	.1	2
PAYE 10S 13E	20	2	48	.1	2
PAYE 10S 14E	18	3	55	.1	2
PAYE 10S 15E	26	2	37	.1	2
PAYE 10S 16E	11	2	31	.1	3
PAYE 10S 17E	50	2	26	.1	2
STD A-1	31	36	176	.5	10

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 10S 18E	46	5	67	.1	3
PAYE 10S 19E	25	6	69	.1	5
PAYE 10S 20E	39	5	92	.1	2
PAYE 11S 0+50E	6	5	38	.1	4
PAYE 11S 1+50E	29	4	36	.1	5
PAYE 11S 2+50E	10	2	24	.1	4
PAYE 11S 3+50E	7	5	59	.1	3
PAYE 11S 4+50E	28	5	58	.1	4
PAYE 11S 5+50E	19	4	21	.1	4
PAYE 11S 6+50E	19	2	34	.1	4
PAYE 11S 7+50E	25	5	39	.1	5
PAYE 11S 9E	18	4	31	.1	4
PAYE 11S 10E	21	5	34	.1	2
PAYE 11S 11E	11	4	22	.1	3
PAYE 11S 12E	13	4	26	.1	2
PAYE 11S 13E	28	5	44	.1	9
PAYE 11S 14E	30	5	37	.1	5
STD A-1	32	42	192	.3	15
PAYE 11S 15+50E	23	4	26	.1	5
PAYE 11S 16+50E	96	2	70	.1	6
PAYE 11S 17+50E	46	6	36	.1	4
PAYE 11S 18+50E	61	6	103	.1	3
PAYE 11S 19+50E	23	4	33	.1	4
PAYE 12S 0	36	5	29	.1	3
PAYE 12S 1E	11	4	30	.1	4
PAYE 12S 2E	12	4	60	.1	3
PAYE 12S 3E	8	4	31	.1	2
PAYE 12S 4E	17	5	59	.1	6
PAYE 12S 5E	48	3	55	.1	6
PAYE 12S 6E	15	3	43	.1	5
PAYE 12S 7E	90	5	46	.1	8
PAYE 12S 8E	44	4	26	.1	3
PAYE 12S 9E	69	3	29	.1	5
PAYE 12S 10E	11	5	34	.2	3
PAYE 12S 11E	22	3	39	.1	4
PAYE 12S 12E	51	5	34	.1	4
PAYE 12S 13E	29	4	37	.1	5

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 12S 13+50E	15	4	29	.1	2
PAYE 12S 14+50E	42	3	34	.1	3
PAYE 12S 15+50E	60	5	84	.1	2
PAYE 12S 16+50E	114	4	114	.1	2
PAYE 12S 17+50E	66	4	44	.1	3
PAYE 12S 18+50E	31	4	44	.1	2
PAYE 12S 19+50E	33	3	48	.1	3
PAYE 13S 0	23	4	40	.1	3
PAYE 13S 1E	34	6	42	.1	3
PAYE 13S 2E	33	3	55	.1	3
PAYE 13S 3E	13	3	21	.1	2
PAYE 13S 4E	9	4	21	.1	2
PAYE 13S 5E	44	2	58	.1	3
PAYE 13S 6E	15	5	28	.1	3
PAYE 13S 7E	36	3	26	.1	3
PAYE 13S 8E	16	4	22	.1	2
PAYE 13S 9E	58	4	32	.1	3
PAYE 13S 10E	39	5	97	.1	2
PAYE 13S 11E	110	5	67	.2	4
STD A-1	30	41	183	.3	10
PAYE 13S 11+50E	49	4	62	.1	2
PAYE 13S 12+50E	53	5	50	.1	3
PAYE 13S 13+50E	16	5	24	.1	2
PAYE 13S 14+50E	19	4	23	.1	2
PAYE 13S 15+50E	36	3	20	.1	3
PAYE 13S 16+50E	23	3	38	.1	2
PAYE 13S 17+50E	21	2	31	.1	2
PAYE 13S 18+50E	30	3	29	.1	3
PAYE 13S 19+50E	36	4	46	.1	2
PAYE 14S 0	10	5	16	.1	2
PAYE 14S 1E	16	5	38	.1	2
PAYE 14S 2E	9	4	22	.1	2
PAYE 14S 3E	20	4	68	.1	4
PAYE 14S 4E	18	4	48	.1	3
PAYE 14S 5E	23	4	99	.1	2
PAYE 14S 6E	13	4	43	.1	2
PAYE 14S 7E	18	6	78	.1	4
PAYE 14S 8E	19	4	46	.1	2
PAYE 14S 9E	106	7	34	.1	4

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 14S 9+50E	39	3	38	.1	2
PAYE 14S 10+50E	31	4	32	.1	2
PAYE 14S 11+50E	21	3	28	.1	2
PAYE 14S 12+50E	16	4	36	.1	2
PAYE 14S 13+50E	9	3	25	.1	2
PAYE 14S 14+50E	12	3	17	.2	3
PAYE 14S 15+50E	24	4	27	.1	2
PAYE 14S 16+50E	35	4	33	.1	2
PAYE 14S 17+50E	41	6	75	.1	2
PAYE 14S 18+50E	82	4	69	.1	2
PAYE 14S 19+50E	36	6	76	.1	2
PAYE 15S 0+50E	8	4	29	.1	2
PAYE 15S 1+50E	16	5	57	.1	2
PAYE 15S 2+50E	23	3	23	.1	2
PAYE 15S 3+50E	19	4	36	.1	2
PAYE 15S 4+50E	21	2	22	.1	2
PAYE 15S 5+50E	20	2	50	.1	3
PAYE 15S 6+50E	22	3	29	.1	2
STD A-1	30	41	182	.2	8
PAYE 15S 7+50E	12	6	51	.1	2
PAYE 15S 8+50E	10	4	28	.1	2
PAYE 15S 9+50E	25	5	38	.1	3
PAYE 15S 10+50E	76	4	27	.1	7
PAYE 15S 11+50E	22	4	23	.1	2
PAYE 15S 12+50E	20	3	29	.1	2
PAYE 15S 13+50E	66	5	112	.1	4
PAYE 15S 14+50E	23	4	70	.1	2
PAYE 15S 15+50E	41	4	81	.1	3
PAYE 15S 16+50E	31	6	54	.1	2
PAYE 15S 17+50E	11	4	29	.1	2
PAYE 15S 18+50E	13	3	28	.1	2
PAYE 15S 19+50E	95	7	75	.1	3
PAYE 16S 0	10	4	29	.1	2
PAYE 16S 1E	24	4	30	.1	2
PAYE 16S 2E	20	7	67	.1	3
PAYE 16S 3E	59	5	25	.1	2
PAYE 16S 4E	17	3	24	.1	2
PAYE 16S 5E	18	3	28	.1	2

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SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 16S 6E	46	5	19	.1	2
PAYE 16S 7E	10	4	32	.1	2
PAYE 16S 8E	24	3	22	.1	2
PAYE 16S 9E	17	2	18	.1	2
PAYE 16S 10E	28	5	32	.1	3
PAYE 16S 11E	18	4	29	.1	2
PAYE 16S 12E	6	4	33	.1	2
PAYE 16S 13E	85	5	74	.2	6
PAYE 16S 14E	14	3	38	.1	2
PAYE 16S 15E	12	5	37	.1	2
PAYE 16S 16E	15	3	21	.1	2
PAYE 16S 17E	14	3	18	.1	2
PAYE 16S 18E	9	5	39	.1	3
PAYE 16S 19E	13	3	33	.1	2
PAYE 16S 20E	40	3	45	.1	3
PAYE 17S 0+50E	97	6	28	.1	4
PAYE 17S 1+50E	24	6	96	.1	5
PAYE 17S 2+50E	35	3	41	.1	2
STD A-1	30	39	187	.2	13
PAYE 17S 3+50E	70	8	54	.1	3
PAYE 17S 4+50E	17	2	20	.1	3
PAYE 17S 5+50E	12	4	14	.1	2
PAYE 17S 6+50E	12	3	14	.1	4
PAYE 17S 7+50E	25	3	21	.1	2
PAYE 17S 8+50E	27	5	28	.1	2
PAYE 17S 9+50E	176	6	33	.3	5
PAYE 17S 10+50E	23	3	26	.1	2
PAYE 17S 11+50E	8	4	34	.1	2
PAYE 17S 12+50E	46	6	94	.1	3
PAYE 17S 13+50E	52	6	108	.1	4
PAYE 17S 14+50E	21	6	50	.1	2
PAYE 17S 15+50E	13	7	65	.1	2
PAYE 17S 16+50E	34	6	35	.1	3
PAYE 17S 17+50E	33	6	71	.1	2
PAYE 17S 18+50E	18	6	26	.1	2
PAYE 17S 19+50E	27	3	38	.1	2
PAYE 18S 0	7	6	45	.1	2
PAYE 18S 1E	48	7	36	.1	2

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 18S 2E	62	5	42	.1	2
PAYE 18S 3E	24	6	79	.1	2
PAYE 18S 4E	33	4	30	.1	2
PAYE 18S 5E	9	3	13	.1	2
PAYE 18S 6E	13	3	17	.2	2
PAYE 18S 7E	11	4	26	.1	2
PAYE 18S 8E	15	3	20	.1	2
PAYE 18S 9E	83	6	25	.1	2
PAYE 18S 10E	25	4	28	.1	2
PAYE 18S 11E	17	4	29	.1	2
PAYE 18S 12E	26	4	72	.1	2
PAYE 18S 13E	37	4	57	.1	2
PAYE 18S 14E	31	4	29	.1	2
PAYE 18S 15E	41	6	97	.1	2
PAYE 18S 16E	45	7	98	.1	3
PAYE 18S 17E	33	6	95	.1	2
PAYE 18S 18E	57	6	130	.1	2
PAYE 18S 19E	22	5	92	.1	2
PAYE 18S 20E	52	4	93	.1	2
PAYE 19S 0+50E	24	4	22	.1	2
PAYE 19S 1+50E	9	3	20	.1	2
PAYE 19S 2+50E	7	6	24	.1	2
PAYE 19S 3+50E	18	6	74	.1	2
PAYE 19S 4+50E	19	5	43	.1	2
PAYE 19S 5+50E	5	4	12	.1	2
PAYE 19S 6+50E	276	10	28	.5	8
PAYE 19S 7+50E	19	4	25	.1	2
PAYE 19S 8+50E	22	4	24	.1	4
PAYE 19S 9+50E	28	4	21	.1	2
PAYE 19S 10+50E	25	3	25	.1	2
PAYE 19S 11+50E	14	4	24	.1	2
PAYE 19S 12+50E	21	4	41	.1	2
PAYE 19S 13+50E	33	4	29	.1	2
PAYE 19S 15E	34	4	56	.1	2
PAYE 19S 16E	18	5	40	.1	2
PAYE 19S 17E	4	2	20	.1	2
STD A-1	31	40	188	.2	10

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 19S 18E	13	4	34	.1	3
PAYE 19S 19E	28	5	43	.1	2
PAYE 19S 20E	42	5	64	.1	2
PAYE 20S 0+50E	29	4	22	.1	2
PAYE 20S 1+50E	6	6	32	.1	2
PAYE 20S 2+50E	38	5	40	.1	2
PAYE 20S 3+50E	17	5	34	.1	2
PAYE 20S 4+50E	15	8	44	.1	2
PAYE 20S 5+50E	42	6	28	.1	2
PAYE 20S 6+50E	20	5	16	.1	2
PAYE 20S 7+50E	34	3	23	.1	2
PAYE 20S 8+50E	19	4	29	.1	2
PAYE 20S 9+50E	175	8	35	.2	4
PAYE 20S 10+50E	15	3	22	.1	2
PAYE 20S 11+50E	22	5	28	.1	2
PAYE 20S 12+50E	31	5	26	.1	2
PAYE 20S 13+50E	22	4	22	.1	2
PAYE 20S 14+50E	13	5	33	.1	2
PAYE 20S 15+50E	28	4	43	.1	2
PAYE 20S 16+50E	19	5	25	.1	2
PAYE 20S 17+50E	19	4	39	.1	2
PAYE 20S 18+50E	22	3	42	.1	2
PAYE 20S 19+50E	25	6	53	.1	2
PAYE 21S 0	18	5	23	.1	2
PAYE 21S 1E	24	4	20	.1	2
PAYE 21S 2E	32	8	26	.1	2
PAYE 21S 3E	35	7	79	.1	3
PAYE 21S 4E	44	6	28	.1	2
PAYE 21S 5E	34	3	24	.1	2
PAYE 21S 6E	20	6	42	.1	2
PAYE 21S 7E	33	6	29	.1	2
PAYE 21S 8+50E	41	6	17	.1	2
PAYE 21S 10E	24	5	26	.1	2
PAYE 21S 11E	35	5	33	.1	3
PAYE 21S 12E	22	3	24	.1	3
PAYE 21S 13E	19	6	22	.1	2
STD A-1	30	41	185	.2	10

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 21S 14E	13	6	21	.1	2
PAYE 21S 15E	24	9	55	.1	22
PAYE 21S 16E	13	4	27	.1	22
PAYE 21S 17E	17	6	24	.1	22
PAYE 21S 18E	20	3	34	.1	2
PAYE 21S 19E	70	5	51	.1	4
PAYE 21S 20E	21	5	85	.1	34
PAYE 22S 0+50E	31	7	32	.1	34
PAYE 22S 1+50E	23	7	14	.1	2
PAYE 22S 2+50E	23	6	26	.1	2
PAYE 22S 3+50E	31	8	76	.1	2
PAYE 22S 4+50E	24	6	25	.1	34
PAYE 22S 5+50E	25	6	28	.1	4
PAYE 22S 7E	44	3	18	.1	2
PAYE 22S 8E	49	7	27	.1	2
PAYE 22S 9E	56	8	33	.1	2
PAYE 22S 10E	14	3	32	.1	22
PAYE 22S 11E	45	6	42	.1	22
PAYE 22S 12E	25	4	32	.1	22
PAYE 22S 13E	20	4	31	.1	2
STD A-1	30	42	183	.2	13

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 22S 14E	64	3	39	.1	3
PAYE 22S 15E	104	6	66	.1	2
PAYE 22S 16E	34	4	48	.1	2
PAYE 22S 17E	17	3	30	.1	4
PAYE 22S 18E	25	5	58	.1	2
PAYE 22S 19E	23	6	31	.1	2
PAYE 22S 20E	17	5	30	.1	2
PAYE 23S 0+50E	15	4	20	.1	3
PAYE 23S 1+50E	14	6	21	.1	3
PAYE 23S 2+50E	40	4	14	.1	2
PAYE 23S 3+50E	14	3	26	.1	2
PAYE 23S 4+50E	32	7	39	.1	2
PAYE 23S 5+50E	47	7	73	.1	4
PAYE 23S 6+50E	32	6	20	.1	4
PAYE 23S 8E	16	6	17	.1	2
PAYE 23S 9E	26	6	52	.1	3
PAYE 23S 10E	24	5	24	.1	2
PAYE 23S 11E	29	4	26	.1	2
PAYE 23S 12E	32	3	26	.1	2
PAYE 23S 13E	22	2	26	.1	2
PAYE 23S 14E	63	6	118	.1	3
PAYE 23S 15E	137	8	85	.1	4
PAYE 23S 16E	21	5	102	.1	2
PAYE 23S 17+50E	21	4	26	.1	4
PAYE 23S 18+50E	22	2	28	.1	3
PAYE 23S 19+50E	27	4	30	.1	2
PAYE 24S 0	81	7	38	.1	6
PAYE 24S 1E	18	5	23	.1	2
PAYE 24S 2E	25	5	29	.1	4
PAYE 24S 3+50E	11	6	40	.1	2
PAYE 24S 4+50E	35	7	58	.1	3
PAYE 24S 5+50E	16	4	22	.1	2
PAYE 24S 6+50E	28	7	36	.1	2
PAYE 24S 7+50E	14	7	54	.1	2
PAYE 24S 8+50E	21	5	45	.1	2
PAYE 24S 9+50E	36	7	28	.2	3
STD A-1	30	43	188	.2	12

36

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 24S 10E	24	5	27	.1	2
PAYE 24S 11E	47	4	37	.1	4
PAYE 24S 12E	45	6	40	.1	5
PAYE 24S 13E	84	7	65	.1	6
PAYE 24S 14E	35	5	34	.1	4
PAYE 24S 15E	11	5	36	.1	2
PAYE 24S 16E	27	6	68	.1	2
PAYE 24S 17E	48	7	46	.1	4
PAYE 24S 18E	89	8	31	.1	3
PAYE 24S 19E	39	4	53	.1	5
PAYE 25S 0	38	5	21	.1	2
PAYE 25S 1E	19	4	13	.1	2
PAYE 25S 2E	21	5	20	.1	3
PAYE 25S 3E	47	5	36	.1	2
PAYE 25S 4E	18	5	24	.1	2
PAYE 25S 5E	54	8	34	.1	4
PAYE 25S 6E	15	4	22	.1	2
PAYE 25S 7E	29	5	31	.1	4
PAYE 25S 8+50E	12	7	15	.1	5
PAYE 25S 9+50E	25	4	26	.1	2
PAYE 25S 10+50E	25	6	47	.1	2
PAYE 25S 11+50E	23	6	52	.1	2
PAYE 25S 12+50E	31	5	30	.1	2
PAYE 25S 13+50E	19	5	39	.1	2
PAYE 25S 14+50E	5	4	40	.1	2
PAYE 25S 15+50E	33	4	27	.1	3
PAYE 25S 16+50E	8	4	46	.1	2
PAYE 25S 17+50E	117	6	20	.1	2
PAYE 25S 18+50E	14	5	27	.1	2
PAYE 25S 19+50E	15	5	24	.1	2
STD A-1	30	40	187	.1	14

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 ML5 WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Ce,K,W,Ba,Sr,Cr AND B. Au DETECTION 3 ppm.
 SAMPLE TYPE - SOIL

DATE RECEIVED OCT 1982 DATE REPORTS MAILED Oct 19/82 ASSAYER D. Jey DEAN TOYE, CERTIFIED B.C. ASSAYER

STRATO FILE # 82-0999A

PAGE # 1

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 0 1+50E	20	6	31	.3	2
PAYE 0 2+50E	25	6	35	.2	2
PAYE 0 10+50E	21	8	43	.1	2
PAYE 0 11+50E	35	5	69	.2	2
PAYE 0 12+50E	42	6	60	.1	2
PAYE 0 13+50E	131	6	138	.2	3
PAYE 0 16+50E	73	7	47	.1	2
PAYE 0 17+50E	71	4	61	.2	2
PAYE 1S 1+50E	15	5	51	.2	2
PAYE 1S 2+50E	15	4	51	.1	2
PAYE 1S 10+50E	17	3	39	.1	2
PAYE 1S 11+50E	83	6	31	.4	3
PAYE 1S 12+50E	24	6	36	.1	2
PAYE 1S 13+50E	21	4	38	.2	3
PAYE 1S 14+50E	30	6	40	.1	2
PAYE 1S 15+50E	29	3	57	.2	2
PAYE 1S 16+50E	92	5	77	.2	2
PAYE 1S 17+50E	61	4	101	.2	2
PAYE 1S 18+50E	83	3	70	.2	2
PAYE 1S 19+50E	171	6	71	.2	2
STD A-1	29	40	178	.4	11
PAYE 2S 0+00E	67	7	114	.1	2
PAYE 2S 1+00E	48	4	60	.1	2
PAYE 2S 2+00E	29	5	96	.1	2
PAYE 2S 3+00E	71	9	39	.1	3
PAYE 2S 11+00E	21	4	45	.2	2
PAYE 2S 12+00E	44	3	133	.1	2
PAYE 2S 13+00E	72	6	64	.3	2
PAYE 2S 14+00E	16	5	35	.2	2
PAYE 2S 15+00E	27	6	38	.1	2
PAYE 2S 16+00E	21	5	57	.1	2
PAYE 2S 17+00E	37	3	44	.2	2
PAYE 2S 18+00E	33	4	80	.2	2
PAYE 2S 19+00E	94	3	63	.1	2
PAYE 2S 20+00E	130	5	130	.1	2

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 3S 1+50E	25	3	57	.1	2
PAYE 3S 2+50E	62	5	53	.2	2
PAYE 3S 11+50E	18	5	35	.1	2
PAYE 3S 13+00E	50	5	65	.3	4
PAYE 3S 14+00E	138	7	103	.3	3
PAYE 3S 15+00E	30	3	55	.1	2
PAYE 3S 16+00E	20	5	53	.1	2
PAYE 3S 17+00E	26	4	38	.2	2
PAYE 3S 18+00E	46	3	45	.1	3
PAYE 3S 19+00E	113	4	85	.2	2
PAYE 4S 2+50E	52	4	61	.2	2
PAYE 4S 6+50E	28	6	51	.1	4
PAYE 4S 13+00E	22	3	41	.1	2
PAYE 4S 14+00E	38	5	37	.1	2
PAYE 4S 15+00E	45	4	84	.1	2
PAYE 4S 17+00E	33	7	64	.1	2
PAYE 4S 18+00E	40	3	93	.1	2
PAYE 4S 19+00E	60	6	59	.2	2
PAYE 4S 20+00E	35	5	43	.1	2
STD A-1	29	39	180	.3	8
PAYE 5S 0+50E	49	7	177	.1	2
PAYE 5S 2+50E	31	3	19	.2	2
PAYE 5S 3+50E	51	6	76	.1	2
PAYE 5S 5+50E	20	4	31	.1	2
PAYE 5S 6+50E	26	3	44	.1	2
PAYE 5S 11+00E	74	5	65	.1	2
PAYE 5S 12+00E	80	6	53	.1	2
PAYE 5S 13+00E	91	7	105	.1	2
PAYE 5S 14+00E	41	3	30	.3	4
PAYE 5S 15+00E	138	5	66	.2	2
PAYE 5S 16+00E	46	1	36	.1	2
PAYE 5S 17+00E	42	5	41	.1	2
PAYE 5S 18+00E	32	4	42	.1	2
PAYE 5S 19+00E	81	6	62	.2	2
PAYE 5S 20+00E	46	4	57	.1	2

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 6S 0+50E	33	6	117	.2	2
PAYE 6S 1+50E	17	4	45	.1	2
PAYE 6S 7+00E	14	3	63	.2	2
PAYE 6S 8+00E	45	3	68	.2	2
PAYE 6S 9+00E	20	3	34	.1	2
PAYE 6S 10+00E	25	3	42	.2	2
PAYE 6S 11+00E	116	6	47	.4	4
PAYE 6S 12+00E	52	5	40	.1	2
PAYE 6S 13+00E	124	6	77	.2	4
PAYE 6S 14+00E	95	5	67	.2	3
PAYE 6S 15+00E	71	6	114	.2	2
PAYE 6S 16+00E	166	4	98	.2	2
PAYE 6S 18+00E	29	4	80	.2	2
PAYE 6S 19+00E	33	4	53	.1	2
STD A-1	29	36	176	.4	9
PAYE 7S 1+50E	30	6	80	.1	2
PAYE 7S 2+50E	16	3	30	.2	2
PAYE 7S 5+50E	12	4	36	.1	2
PAYE 7S 6+50E	41	3	52	.1	2
PAYE 7S 7+50E	40	4	44	.1	2
PAYE 7S 8+50E	21	5	44	.2	2
PAYE 7S 9+50E	24	4	38	.1	2
PAYE 7S 10+50E	39	3	41	.1	2
PAYE 7S 11+50E	38	5	103	.2	2
PAYE 7S 12+50E	58	5	49	.2	2
PAYE 7S 13+50E	26	5	53	.2	2
PAYE 7S 14+50E	43	4	50	.2	3
PAYE 7S 15+50E	48	5	48	.1	2
PAYE 7S 16+50E	167	4	37	.4	2
PAYE 8S 1+00E	22	3	34	.2	2
PAYE 8S 2+00E	51	3	67	.2	2
PAYE 8S 8+00E	61	2	59	.1	2
PAYE 8S 9+00E	21	3	45	.1	2
PAYE 8S 10+00E	24	4	40	.2	2
PAYE 8S 11+00E	18	1	44	.2	2
PAYE 8S 12+00E	25	3	28	.1	2
PAYE 8S 13+00E	26	4	44	.1	2
PAYE 8S 14+00E	36	4	35	.1	2

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SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 8S 18+00E	14	6	25	.2	2
PAYE 8S 19+00E	23	5	50	.3	2
PAYE 9S 1+50E	55	5	98	.2	2
PAYE 9S 2+50E	22	3	36	.2	2
PAYE 9S 8+50E	17	4	38	.2	2
PAYE 9S 9+50E	60	9	98	.3	2
PAYE 9S 10+50E	19	4	49	.2	2
PAYE 9S 12+00E	36	7	39	.3	2
PAYE 9S 13+00E	19	3	71	.2	2
PAYE 9S 14+00E	69	3	38	.2	2
PAYE 9S 17+00E	45	4	34	.2	2
PAYE 9S 18+00E	56	7	62	.2	2
PAYE 9S 19+00E	17	5	31	.2	2
PAYE 10S 6+50E	15	4	39	.2	2
PAYE 10S 7+50E	15	5	44	.3	2
PAYE 10S 8+50E	14	4	40	.2	2
PAYE 10S 9+50E	29	4	50	.2	2
PAYE 10S 10+50E	61	7	102	.2	2
PAYE 10S 11+50E	47	6	101	.1	2
PAYE 10S 12+50E	27	5	53	.1	2
PAYE 10S 16+50E	41	4	30	.3	2
PAYE 10S 17+50E	13	5	37	.2	2
STD A-1	29	40	182	.4	9
PAYE 11S 5+00E	21	5	64	.2	2
PAYE 11S 7+00E	21	6	32	.2	2
PAYE 11S 8+00E	23	6	47	.3	2
PAYE 11S 9+50E	23	5	31	.2	2
PAYE 11S 10+50E	20	6	29	.2	2
PAYE 11S 11+50E	18	6	48	.2	2
PAYE 11S 16+00E	67	7	68	.2	2
PAYE 11S 17+00E	29	6	40	.2	2
PAYE 11S 18+00E	34	6	34	.2	2
PAYE 11S 19+00E	65	8	77	.1	4

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 12S 6+50E	24	4	56	.1	2
PAYE 12S 7+50E	16	3	18	.1	2
PAYE 12S 8+50E	56	9	30	.1	5
PAYE 12S 10+50E	54	4	41	.2	3
PAYE 12S 11+50E	10	4	24	.2	2
PAYE 12S 12+50E	23	4	28	.1	2
PAYE 12S 16+00E	33	2	37	.1	2
PAYE 12S 17+00E	23	3	32	.1	3
PAYE 12S 18+00E	27	5	38	.1	2
PAYE 13S 8+50E	44	4	23	.1	2
PAYE 13S 9+50E	24	5	29	.2	2
PAYE 13S 10+50E	69	7	98	.1	2
PAYE 13S 12+00E	22	5	29	.1	2
PAYE 13S 13+00E	26	3	36	.1	2
PQYE 13S 15+00E	49	6	44	.1	4
PAYE 13S 16+00E	35	4	43	.2	3
PAYE 13S 17+00E	23	4	55	.2	2
PAYE 13S 18+00E	21	5	31	.1	2
STD A-1	29	41	174	.3	8
PAYE 14S 8+50E	63	3	27	.2	4
PAYE 14S 10+00E	15	4	24	.2	2
PAYE 14S 11+00E	20	3	29	.2	2
PAYE 14S 12+00E	39	7	51	.1	2
PAYE 14S 17+00E	30	5	49	.1	2
PAYE 14S 18+00E	45	5	27	.2	2
PAYE 14S 19+00E	19	2	27	.2	2
PAYE 15S 9+00E	34	6	20	.2	2
PAYE 15S 10+00E	97	6	28	.1	2
PAYE 15S 11+00E	16	5	16	.1	4
PAYE 15S 13+00E	24	6	112	.1	2
PAYE 15S 14+00E	25	4	44	.1	2
PAYE 15S 18+00E	43	3	29	.1	2
PAYE 15S 19+00E	64	6	33	.2	4
PAYE 15S 20+00E	28	7	111	.1	2

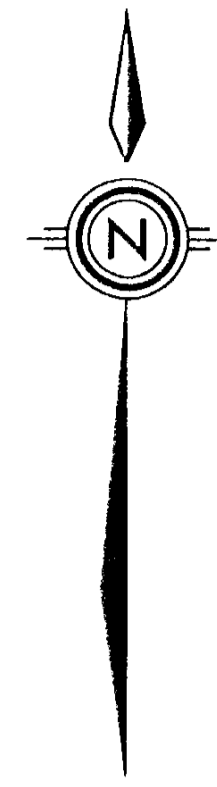
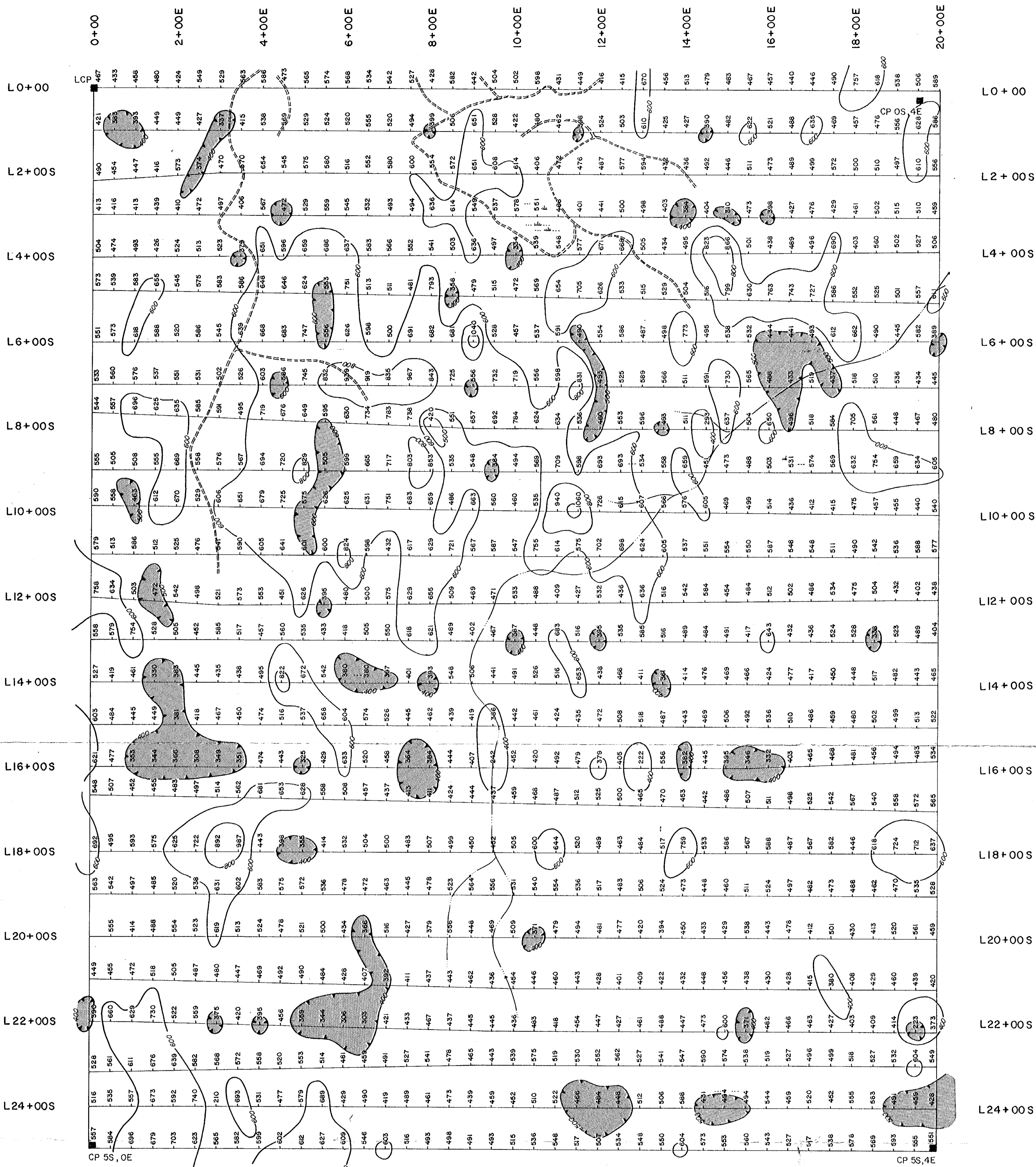
STRATO FILE # 82-0999A

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SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 16S 2+50E	44	7	93	.1	2
PAYE 16S 3+50E	24	4	20	.1	2
PAYE 16S 9+50E	110	6	31	.1	4
PAYE 16S 10+50E	24	3	29	.1	3
PAYE 16S 12+50E	145	6	67	.2	8
PAYE 16S 13+50E	60	6	40	.1	6
PAYE 16S 19+50E	42	4	56	.1	2
PAYE 17S 0E	78	6	36	.1	3
PAYE 17S 1+00E	32	6	40	.1	2
PAYE 17S 3+00E	25	6	33	.1	2
PAYE 17S 4+00E	23	3	22	.1	3
PAYE 17S 9+00E	19	5	24	.1	2
PAYE 17S 10+00E	29	3	25	.1	2
PAYE 17S 12+00E	23	3	25	.1	2
PAYE 17S 13+00E	32	4	29	.1	4
PAYE 17S 14+00E	34	7	73	.1	3
PAYE 17S 20+00E	46	4	44	.1	7
STD A-1	.29	38	172	.3	10
PAYE 18S 0+50E	10	7	37	.1	2
PAYE 18S 1+50E	54	6	57	.1	3
PAYE 18S 2+50E	12	4	64	.1	3
PAYE 18S 8+50E	12	4	20	.1	3
PAYE 18S 9+50E	151	9	33	.4	8
PAYE 18S 14+50E	17	3	52	.1	5
PAYE 18S 15+50E	13	4	86	.1	2
PAYE 18S 16+50E	30	6	58	.1	3
PAYE 18S 18+50E	96	5	78	.1	4
PAYE 18S 19+50E	149	3	138	.1	4
PAYE 19S 1+00E	13	3	21	.1	2
PAYE 19S 2+00E	29	8	79	.1	2
PAYE 19S 6+00E	19	4	23	.1	2
PAYE 19S 7+00E	43	3	21	.1	2
PAYE 19S 9+00E	14	4	22	.1	2
PAYE 19S 10+00E	23	4	24	.1	2
PAYE 19S 15+50E	52	8	63	.1	4
PAYE 19S 19+50E	49	4	115	.1	4

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
PAYE 20S 6+00E	47	5	30	.1	2
PAYE 20S 7+00E	62	6	27	.1	2
PAYE 20S 9+00E	84	5	25	.1	2
PAYE 20S 10+00E	10	5	15	.1	2
PAYE 20S 19+00E	13	5	61	.1	2
PAYE 20S 20+00E	43	5	60	.1	2
STD A-1	30	36	177	.3	10
PAYE 21S 9+50E	21	5	32	.2	3
PAYE 21S 10+50E	21	4	34	.1	2
PAYE 21S 13+50E	20	3	27	.1	2
PAYE 21S 14+50E	15	3	25	.1	2
PAYE 21S 15+50E	31	7	111	.1	2
PAYE 21S 18+50E	49	3	27	.1	2
PAYE 21S 19+50E	34	4	51	.1	2
PAYE 22S 6+50E	32	5	46	.1	2
PAYE 22S 7+50E	24	4	17	.1	2
PAYE 22S 8+50E	38	5	41	.2	2
PAYE 22S 9+50E	23	6	22	.2	2
PAYE 22S 13+50E	21	4	34	.1	2
PAYE 22S 14+50E	60	6	40	.1	2
PAYE 22S 15+50E	55	6	72	.1	2
PAYE 22S 18+50E	52	2	71	.1	2
PAYE 23S 5+00E	67	7	41	.1	3
PAYE 23S 6+00E	54	6	50	.1	2
PAYE 23S 8+50E	33	7	22	.1	2
PAYE 23S 9+50E	35	4	31	.2	2
PAYE 23S 13+50E	23	5	46	.1	2
PAYE 23S 14+50E	70	7	64	.1	2
PAYE 23S 15+50E	81	6	116	.1	2
PAYE 23S 16+50E	72	8	38	.2	2
PAYE 23S 18+00E	27	4	38	.1	2

SAMPLE #	CU ppm	PB ppm	ZN ppm	CO ppm	AS ppm
PAYE 24S 4+00E	21	6	31	.2	2
PAYE 24S 5+00E	23	5	29	.2	4
PAYE 24S 11+50E	42	4	41	.2	2
PAYE 24S 12+50E	36	5	35	.2	3
PAYE 24S 13+50E	34	4	33	.1	4
PAYE 24S 14+50E	54	6	72	.1	2
PAYE 24S 16+50E	47	4	46	.2	7
PAYE 24S 18+50E	69	7	34	.2	5
STD A-1	30	39	174	.4	13
PAYE 25S 4+50E	29	5	41	.2	2
PAYE 25S 5+50E	22	6	31	.1	3
PAYE 25S 11+00E	37	7	48	.2	2
PAYE 25S 12+00E	38	5	36	.2	3
PAYE 25S 13+00E	23	4	30	.1	2
PAYE 25S 17+00E	52	6	30	.1	6



LEGEND

- ▣ Claim post, boundary
 - ==== Bush road
 - Creek
- NOTES:**
- Magnetic datum ; 57,000 gammas
 - Instrument : Scintrex MP- 2 Proton Precession Magnetometer
 - Contour interval 200 gammas
- Magnetic "Low"

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,248

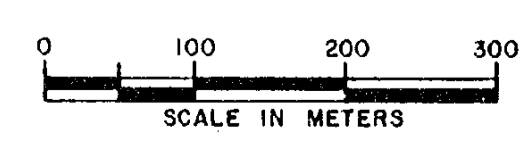
Donald W. Tully

FIGURE 5

JAN RESOURCES LTD

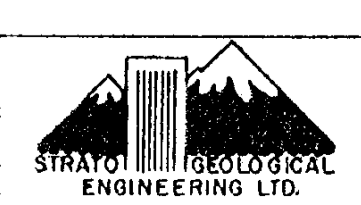
TOTAL FIELD MAGNETOMETER SURVEY

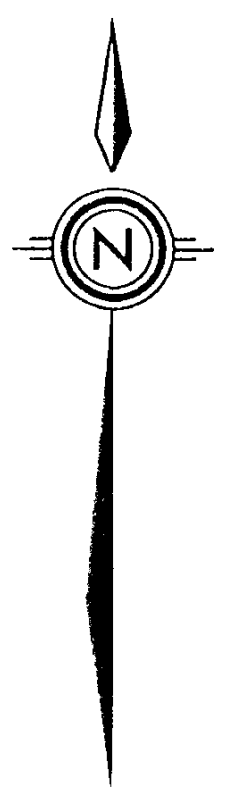
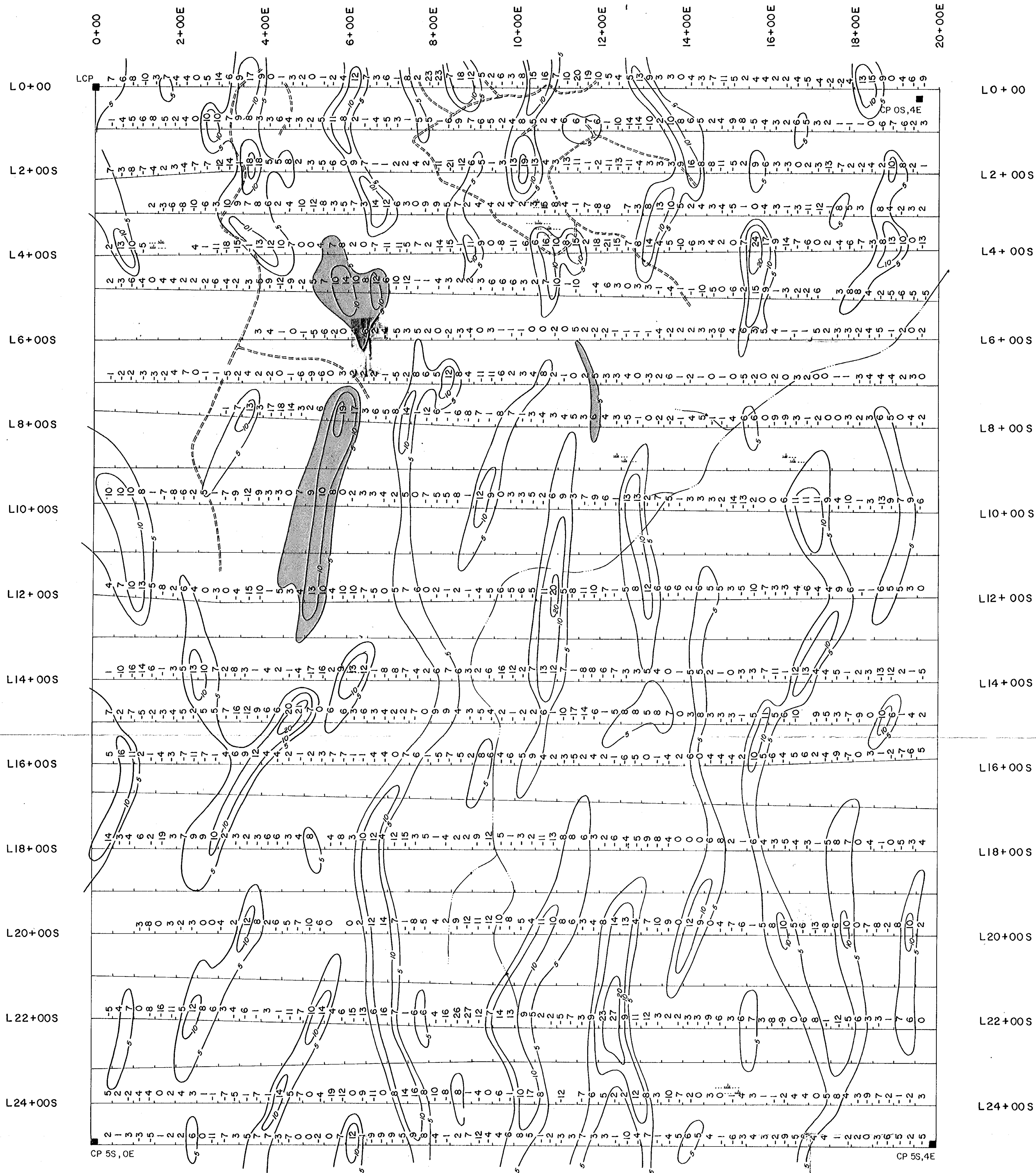
**PAYE CLAIM
KAMLOOPS MINING DIVISION**



Survey and Plan by : R. J. ENGLUND, Geophysicist
STRATO GEOLOGICAL ENGINEERING LTD.
Field Work Period : AUG. 2 through AUG. 27, 82

TO ACCOMPANY A REPORT BY : DONALD W. TULLY, P. ENG.
DRAWN BY : SG DATED : DECEMBER 7, 1982





LEGEND

- Claim post, boundary
- ==== Bush road
- Creek

NOTES:

- Instrument: Sabre Electronics VLF EM Receiver, Model 27, Serial No. 51
- Transmitter station: NPG, Jim Creek, Wash., Freq. 24.8 kHz, Power: 250 Kw
- Contour Interval 10°

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,248

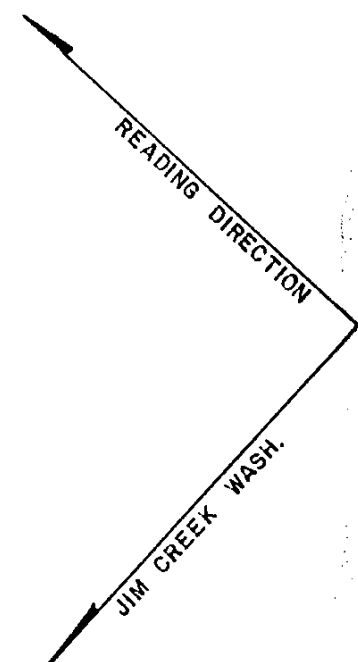


FIGURE 6

JAN RESOURCES LTD

**VLF ELECTROMAGNETIC SURVEY
FRASER FILTERED DATA**

PAYE CLAIM
KAMLOOPS MINING DIVISION

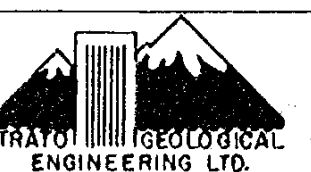


Survey and Plan by R.J. ENGLUND, Geophysicist
STRATO GEOLOGICAL ENGINEERING LTD.
Field Work Period: AUG. 2 through AUG 27, 82

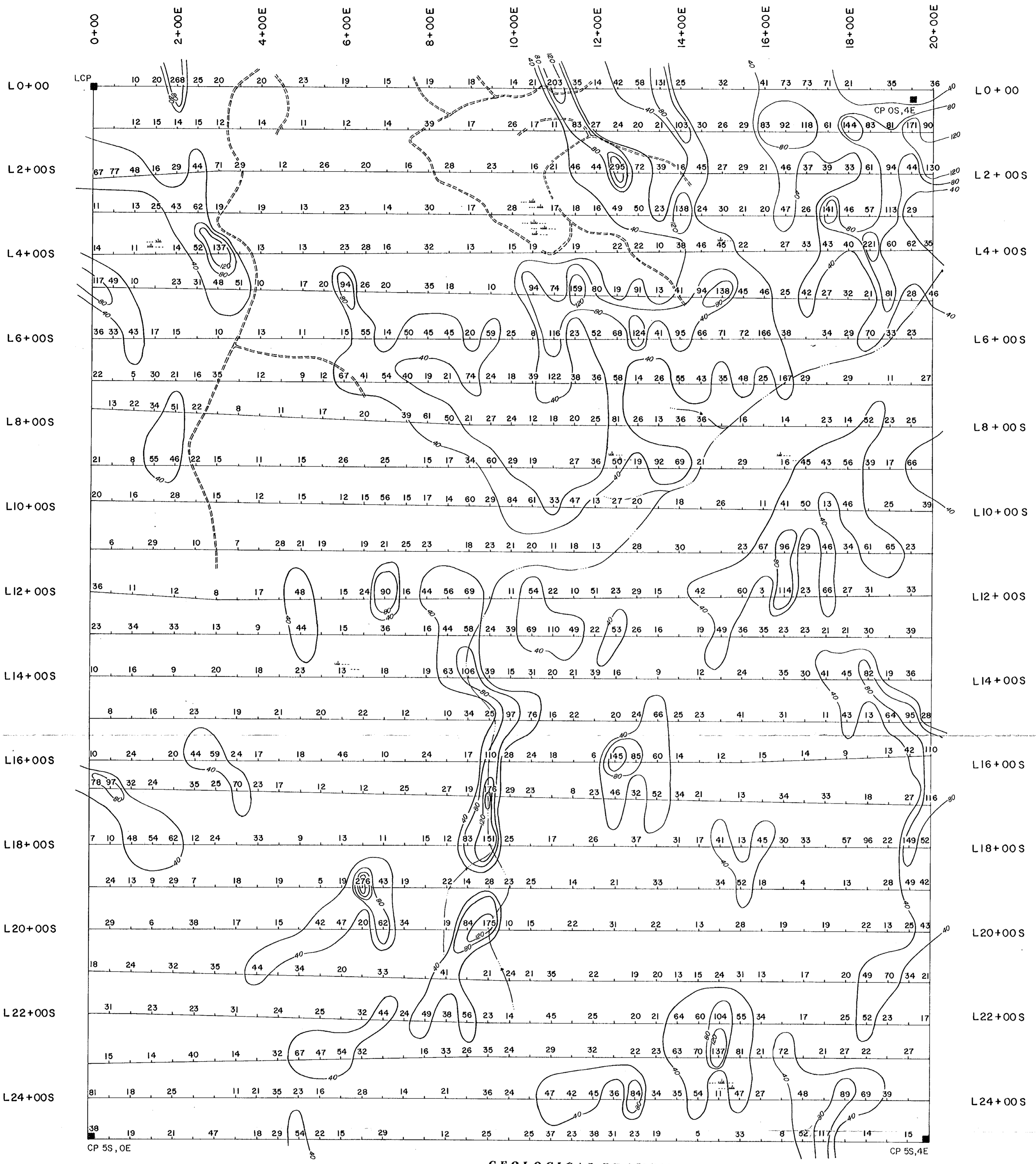
TO ACCOMPANY A REPORT BY: DONALD W. TULLY, P. ENG.

DRAWN BY: SG

DATED: DECEMBER 7, 1982



Donald W. Tully

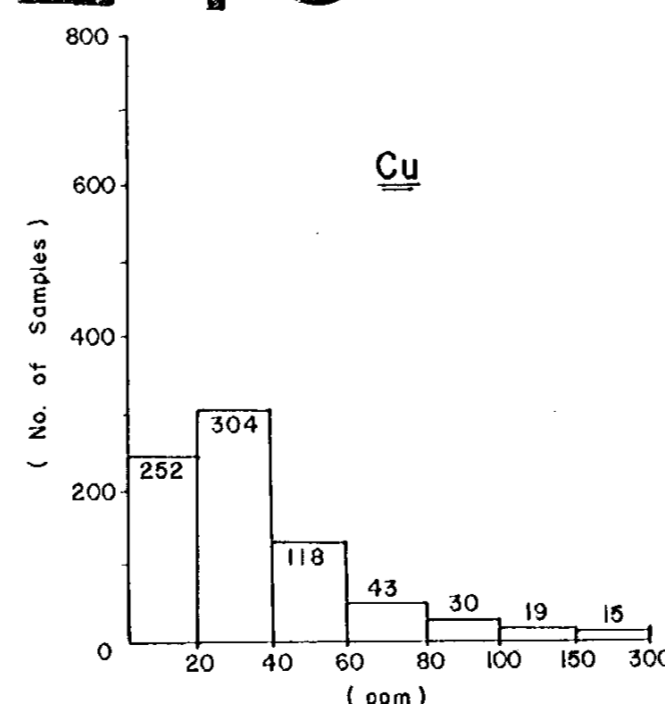


GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,248

LEGEND

- Claim post, boundary
- 18 29 Geochemical soil sample location and result (ppm Cu)
- ===== Bush road
- Creek
- Cu geochemical contour interval 40 ppm



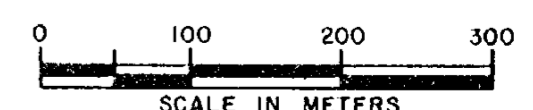
Survey and Plan by: R. J. ENGLUND, Geophysicist
STRATO GEOLOGICAL ENGINEERING LTD.
Field Work Period: AUG. 2 through AUG. 27, 82

Donald W. Tully

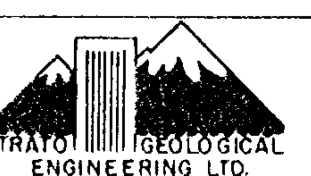
FIGURE 7

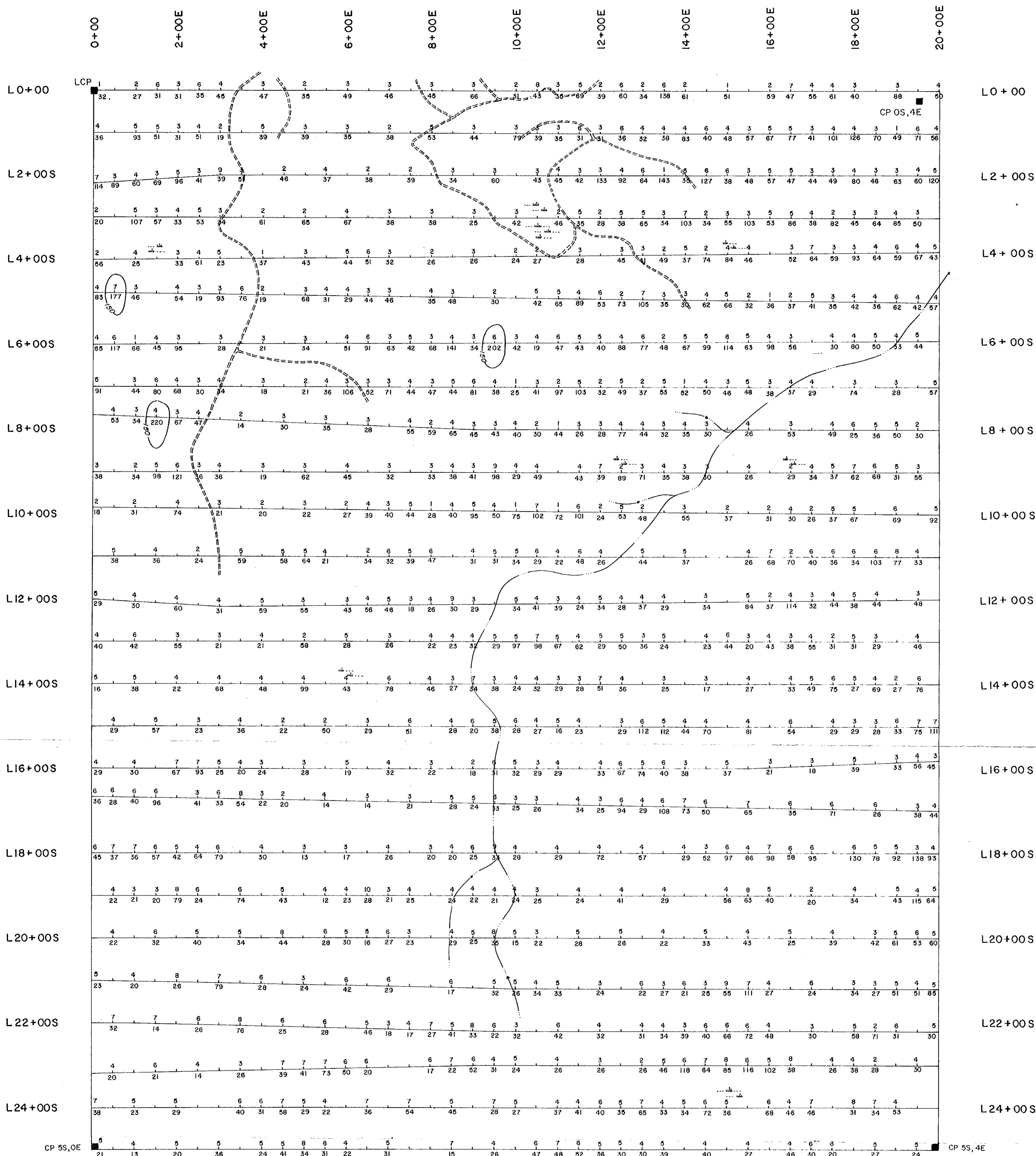
JAN RESOURCES LTD
GEOCHEMICAL SURVEY
COPPER

PAYE CLAIM
KAMLOOPS MINING DIVISION



TO ACCOMPANY A REPORT BY: DONALD W. TULLY, P. ENG.
DRAWN BY: SG DATED: DECEMBER 7, 1982





GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,248

LEGEND

- Claim post, boundary
- 5 (ppm Pb)
36 (ppm Zn) Geochemical soil sample location and results
- ==== Bush road
- Creek

NOTES:

- Pb geochemistry not contoured
- Zn geochemical contour interval 150 ppm

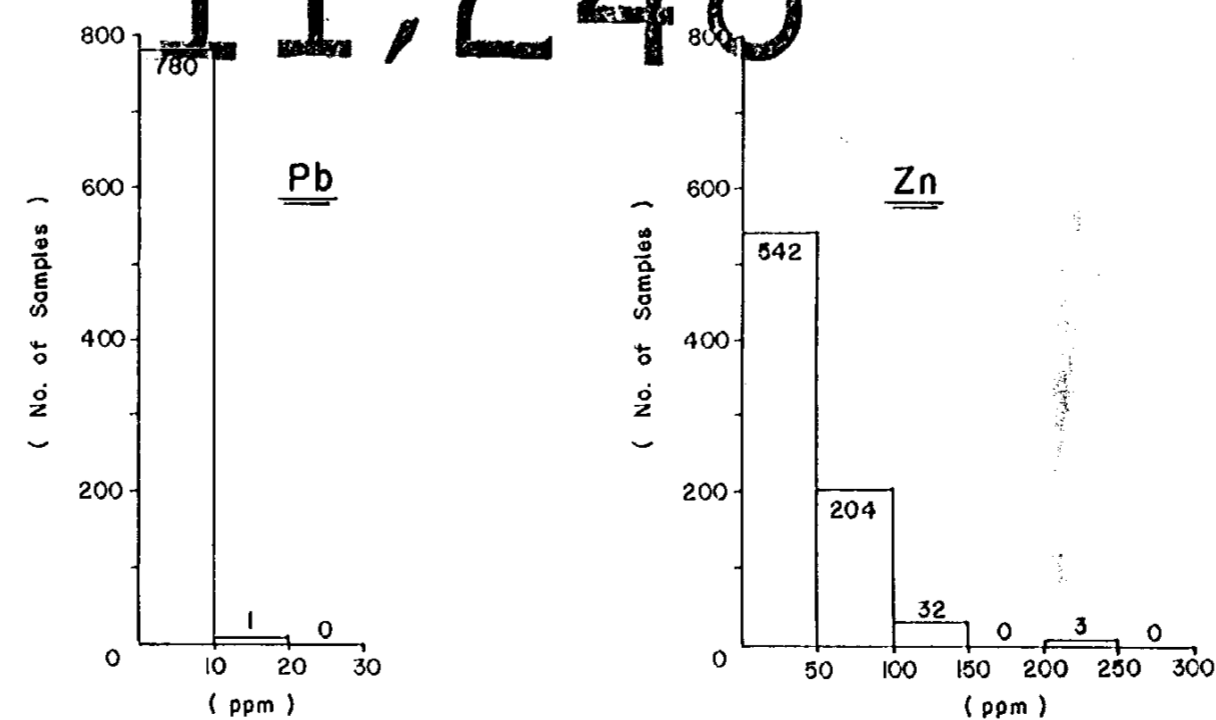
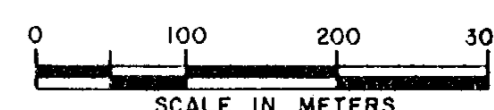


FIGURE 8

JAN RESOURCES LTD
GEOCHEMICAL SURVEY
LEAD & ZINC

PAYE CLAIM
KAMLOOPS MINING DIVISION



Survey and Plan by: R.J. ENGLUND, Geophysicist
STRATO GEOLOGICAL ENGINEERING LTD.

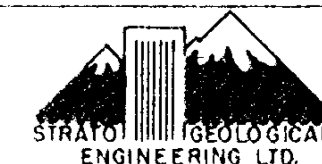
Field Work Period: AUG. 2 through AUG. 27, 82

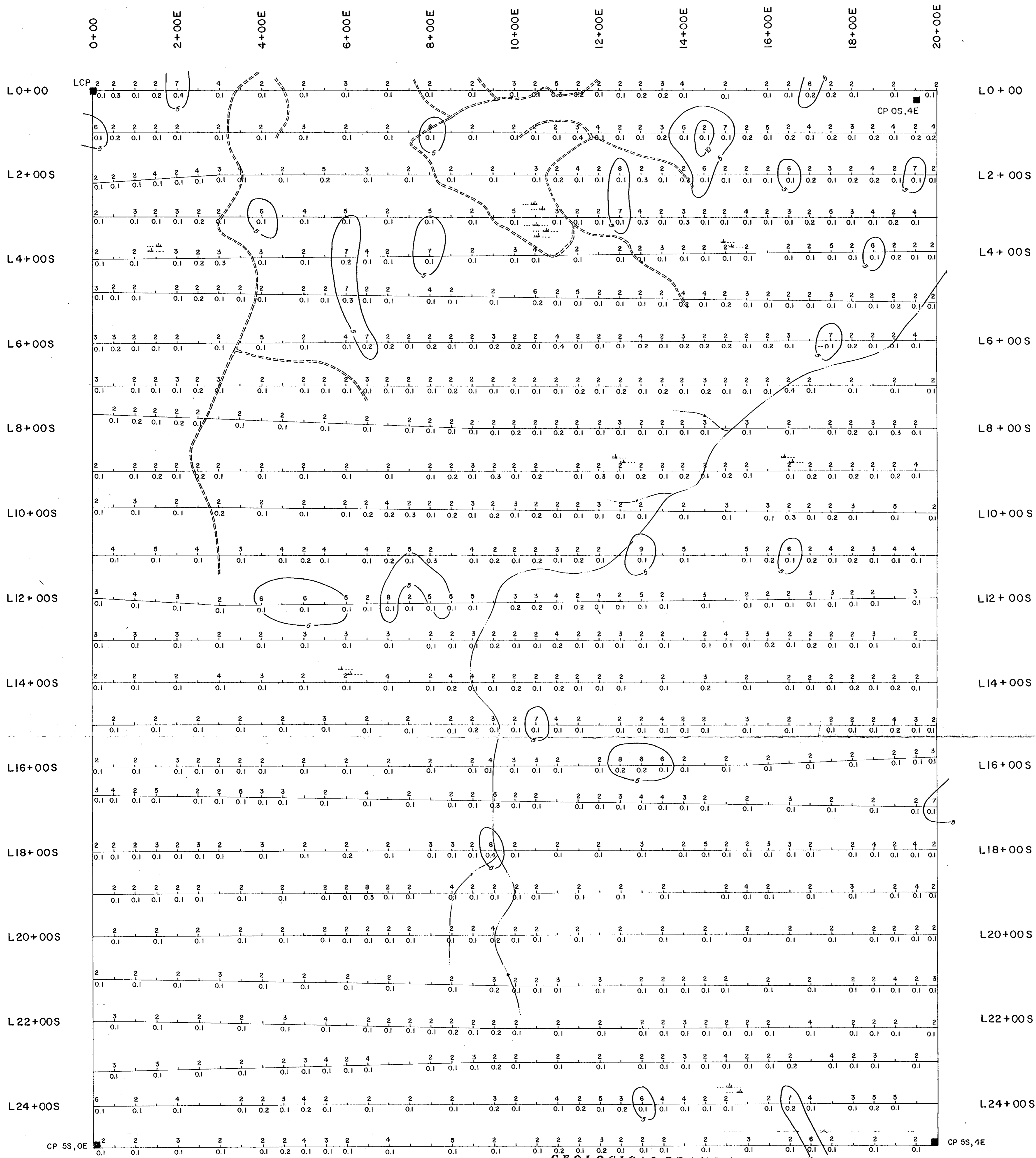
Donald W. Tully

TO ACCOMPANY A REPORT BY: DONALD W. TULLY, P. ENG.

DRAWN BY: S.G.

DATED: DECEMBER 7, 1982





GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,248

LEGEND

- Claim post, boundary
- 3 (ppm As) Geochemical soil sample location and results
- 0.2 (ppm Ag) Geochemical soil sample location and results
- ===== Bush road
- Creek

NOTES:

- As geochemical contour interval 5 ppm
- Ag geochemistry not contoured

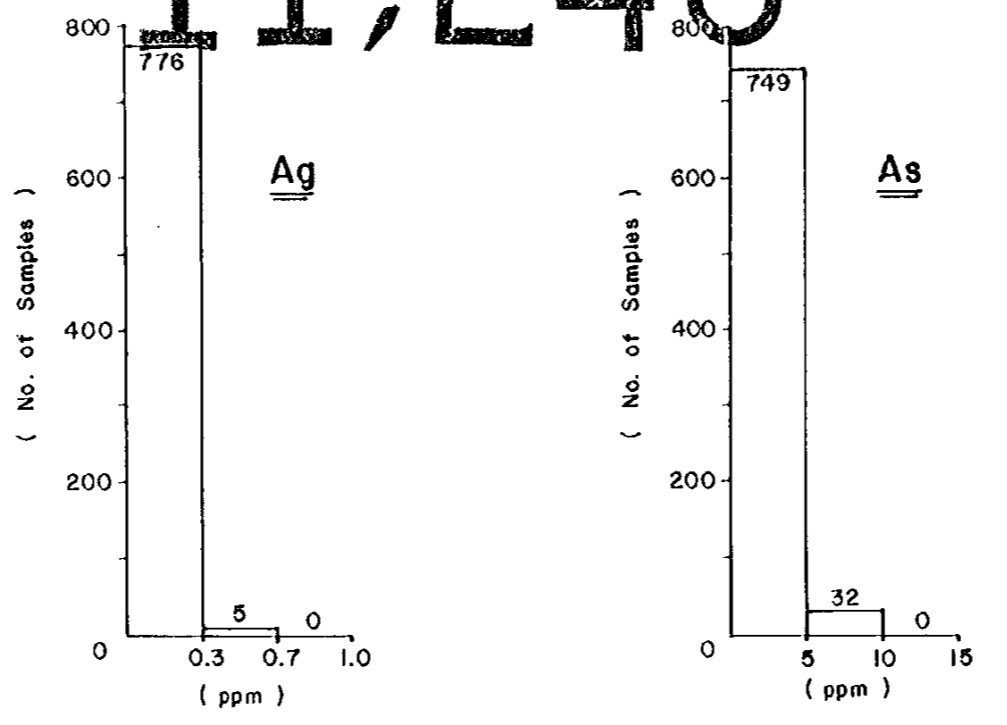
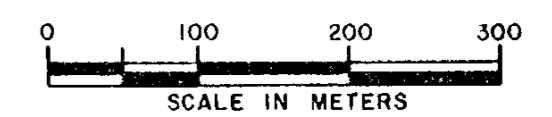


FIGURE 9

JAN RESOURCES LTD
GEOCHEMICAL SURVEY
ARSENIC & SILVER

PAYE CLAIM
KAMLOOPS MINING DIVISION



Survey and Plan by: R. J. ENGLUND, Geophysicist
STRATO GEOLOGICAL ENGINEERING LTD.
Field Work Period: AUG. 2 through AUG. 27, 82

Donald W. Tully

TO ACCOMPANY A REPORT BY: DONALD W. TULLY, P. ENG.
DRAWN BY: SG DATED: DECEMBER 7, 1982

