84-1264-13384

GEOCHEMICAL REPORT

SCUZZY #1-#2 MINERAL CLAIMS
1054-55(9)

NEW WESTMINSTER MINING DIVISION

NTS 92H/13W

LATITUDE 49° 49' N LONGITUDE 121° ~~45'~~ 49.5 W

OWNER K. WAYNE LIVINGSTONE

OPERATOR JMT SERVICES CORP.

DATES OF WORK Sept 24, 1983-Sept 21, 1984

By: Gordon G. Richards, P.Eng.

December 21, 1984

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ILLUSTRATIONS

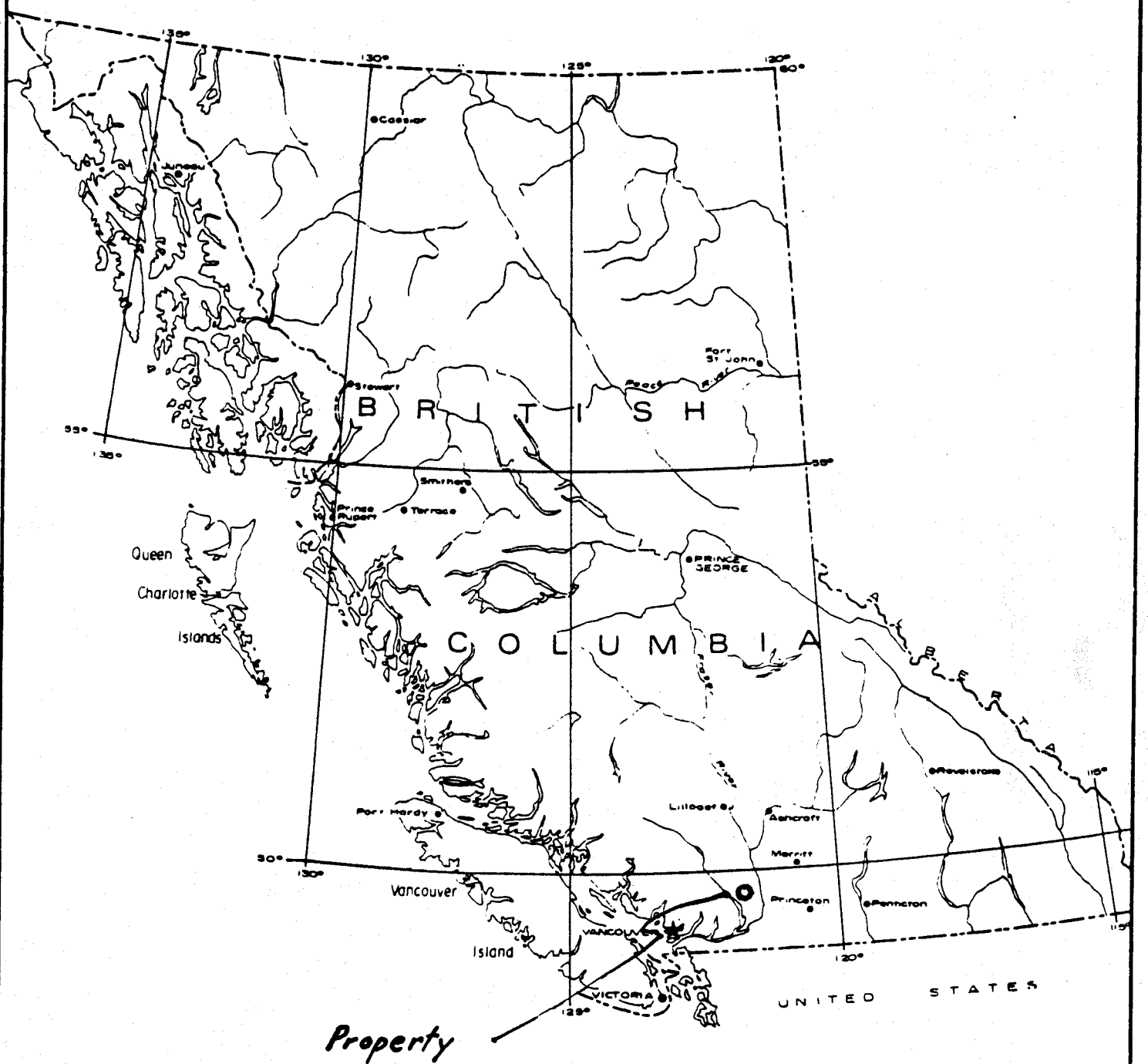
INTRODUCTION

In August 1980, during a programme funded by Territorial Gold Placers Ltd. and JMT Services Corp., float containing molybdenite was discovered by C. Harivel at the headwaters of Big Silver Creek, east of Harrison Lake. Further prospecting upstream produced mineralized float containing molybdenite, pyrite, chalcopyrite, magnetite and sphalerite. A moderately strong gossan on the ridge at the source of the creek was prospected and numerous quartz veins, some containing ferrimolybdite, were seen. Breccia samples were also collected from what was believed to be a pipe.

The area was staked in August and the property was mapped and rock chip sampled in September 1981 on a fairly coarse grid. The prospect was shown to be of the stockwork (porphyry) molybdenite type. A large zone of greater than 20 ppm Mo measuring 1500 x 500 metres was identified with peripheral anomalous W geochem values. A breccia complex cut by rhyolitic dykes and aplite is developed within granodiorites of the Scuzzy Plateau. Fracture controlled molybdenite mineralization was observed within the geochem anomaly.

A subsequent program confirmed the existence of a porphyry molybdenum system and returned low values for precious metals in samples collected from vein material.

The present survey was undertaken to test more thoroughly for precious metals in all rock chip samples previously collected and to run the samples for other elements in the hope of providing contourable geochem data to aid in the ultimate spotting of a diamond drill hole. One hundred fifty rock chip samples were analyzed for Au, Ag, Co and Ni. Only the silver results provided a contourable geochem pattern although a few samples were also anomalous for gold.



JMT SERVICES CORP.			
SCUZZY **PROPERTY LOCATION MAP**			
SCALE Mile 1136 0 136 Mile			
Prepared by: Drawn by:	Date: Revised:	NTS MAP AREA 93 - E	DRAWING No.

LOCATION AND ACCESS

The SCUZZY property is centered on an east-west trending ridge about 5 km east of the north-south valley occupied by Big Silver Creek, which drains into Harrison Lake. Helicopter service from Pemberton and Agassiz provides convenient access to the property on which landing sites are numerous (see Figure 1).

Elevations on the property range from 3000' to 6300' with the core area from 4700' to 6200' asl.. Much of the property is above timberline and access to all parts is generally good. Some areas within the central area are very steep and inaccessible.

To the south, a large unnamed tributary to Big Silver Creek has had recent logging activity by B.C. Forest Products Ltd., and a good road passes within 3 km of the property.

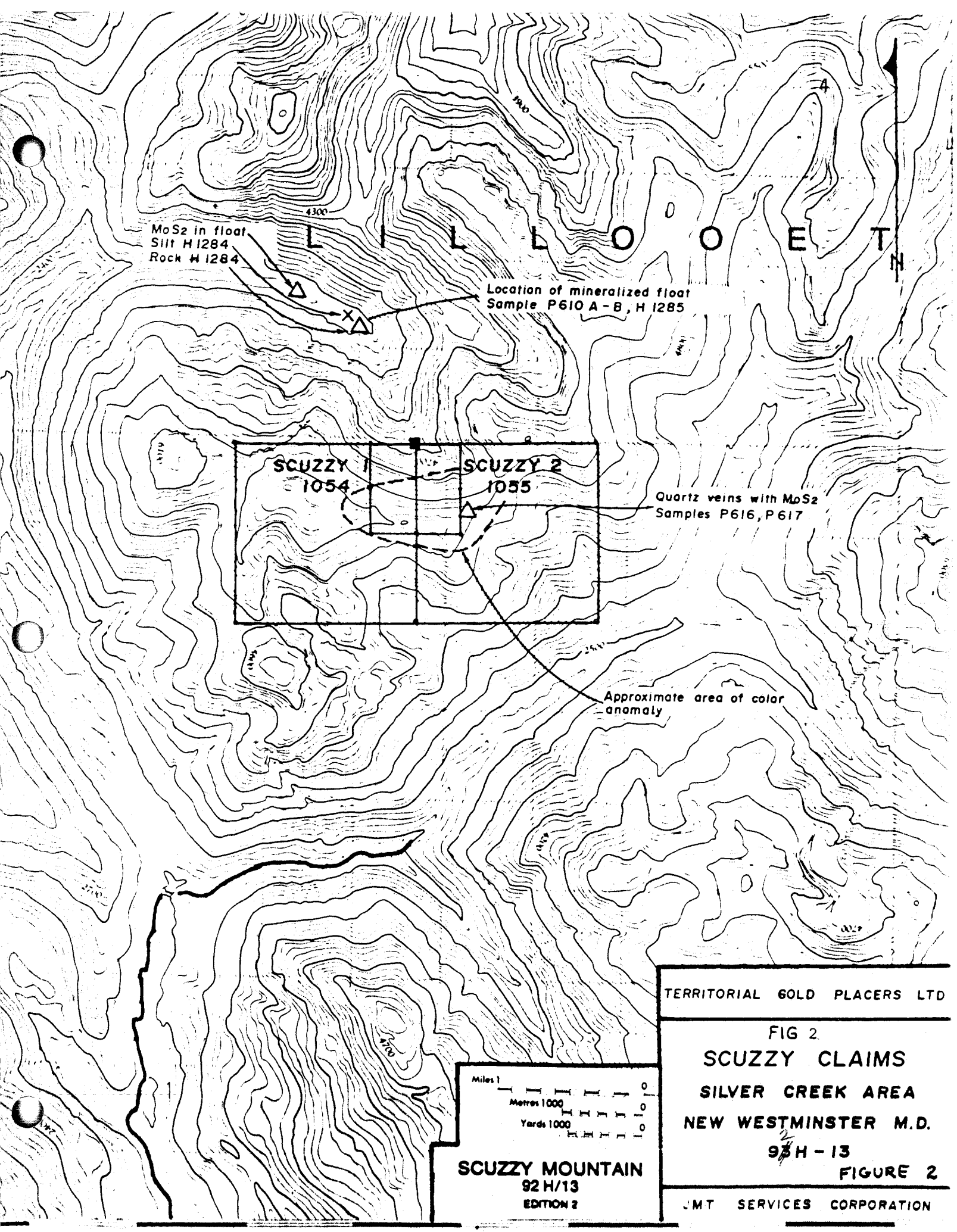
MINERAL CLAIMS

Two claims, SCUZZY #1 and #2, comprising 4 units cover the property. They have a common LCP, as shown on Figure 2. They were reduced from 16 units per claim to 2 units per claim on September 21, 1984.

CLAIM NAME	UNITS	RECORD NUMBER	RECORD DATE	OWNER
SCUZZY #1	2	1054(9)	Sept 23, 1980	K.W. Livingstone
SCUZZY #2	2	1055(9)	Sept 23, 1980	" "

GEOLOGY

Ther property lies within the Scuzzy Pluton, a grandiorite body mapped in the area by GSC geologists and shown on GSC maps OF482 and Map 12-1969. Two granodiorite varieties have been previously mapped on the property and shown to be intruded by aplite and quartz porphyry and locally brecciated and silicified. Molybdenite, pyrite, pyrrhotite, chalcopyrite and magnetite occur within a large stockwork zone, often with quartz veins.


L I L L O O E T
MoS2 in float
Silt H 1284
Rock H 1284
Location of mineralized float
Sample P610 A-B, H 1285
SCUZZY 1
1054
SCUZZY 2
1055
Quartz veins with MoS2
Samples P616, P617
Approximate area of color
anomaly
4300
5000
4700
Miles 1
0
Metres 1000
0
Yards 1000
0
SCUZZY MOUNTAIN
92 H/13
EDITION 2
TERRITORIAL GOLD PLACERS LTD
FIG 2.
SCUZZY CLAIMS
SILVER CREEK AREA
NEW WESTMINSTER M.D.
92 H - 13
FIGURE 2
JMT SERVICES CORPORATION

GEOCHEMISTRY

Previous geochemical results mapped the 5 ppm Mo zone roughly coincident with the outer limit of quartz veins. Other elements, notably W, Cu and Zn, produced geochemical patterns similar to patterns described for other well known high level Mo systems. The present work describes results for Au, Ag, Co and Ni on pulps of previously collected samples.

All pulps were sent to U.S. Borax Research Corp., 412 Crescent Wy., Anaheim, Calif. 92801 for geochemical analysis, using the following techniques:

a) Gold - fire assay concentration with Atomic Absorption Analysis

b) Silver, Cobalt, Nickel -- Standard Wet Chemical with Atomic Absorption Analyses.

RESULTS AND RECOMMENDATIONS

Geochemical results are appended to this report. Silver values ranged from -0.2 ppm to 32.4 ppm at AM 1598. One and two ppm silver is contoured on Figure 3. The large zone of plus one ppm silver is concentric about the zone of significant molybdenite on the south and west sides. The 32.4 ppm Ag at AM 1598 and adjacent high 6.3 ppm Ag at AM 1597 occur near prominent 050° trending mineralized sericite structures described in a previous report of December 21, 1982. All gold results were <0.02 ppb except H 1064--0.09 ppb, AM 1597--0.05 ppb and AM 1598--0.18 ppb. The last two samples mentioned were also the two highest silver results. It is common for precious metals to occur peripherally to Molybdenum stockworks and the pattern described above fits this model well. All Cobalt results were <10 ppm. Nickel results ranged from <5 ppm to 13 ppm producing a relatively flat background. Thus Co and Ni do not reflect the molybdenite stockwork.

More detailed examination of individual mineralized fractures within the plus one ppm Ag zone could yield economic values in precious metals. However the property is primarily a high level molybdenum property and should be evaluated for this potential in a more favourable molybdenum market than exists today.

Respectfully submitted,

Gordon G. Richards, P.Eng.

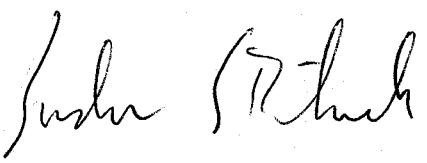
STATEMENT OF COSTS

G. Richards	Aug 29, 1/2 30	$ 375.00
United Airlines--shipping 3295-8450		142.60
Geochem	150 samples @ $11.00/sample	1,650.00
Report writing, draughting, typing, reproductions		500.00
		$ 2,667.60

STATEMENT OF QUALIFICATIONS

I, Gordon G. Richards, of Vancouver, British Columbia, do hereby certify that:

1. I am a Professional Engineer of the Province of British Columbia, residing at 6195 Lynas Lane, Richmond, B.C., V7C 3K8.
2. I am a graduate of the University of British Columbia, B.A.Sc., 1968, M.A.Sc. 1974.
3. I have practised my profession as a mining exploration geologist continuously since 1968.
4. This report is based on my personal knowledge of the district, and mapping of the geology at the property.



Gordon G. Richards, P.Eng.

USBRC Geochemical Analysis --- CN84RX01 --- 2-OCT-84

Field Number	AU/AA PPM	AG/AA PPM	CO PPM	NI PPM
81-H 993	< 0.02	1.0	< 10.	6.
81-H 994	< 0.02	0.7	< 10.	7.
81-H 995	< 0.02	0.7	< 10.	< 5.
81-H 996	< 0.02	1.0	< 10.	7.
81-H 997	< 0.02	0.7	< 10.	< 5.
81-H 998	< 0.02	0.7	< 10.	< 5.
81-H 999	< 0.02	0.7	< 10.	8.
81-H 1000	< 0.02	0.5	< 10.	< 5.
81-H 1001	< 0.02	0.5	< 10.	< 5.
81-H 1002	< 0.02	0.7	< 10.	7.
81-H 1003	< 0.02	1.0	< 10.	10.
81-H 1004	INS	INS	INS	INS
81-H 1005	< 0.02	0.7	< 10.	6.
81-H 1006	< 0.02	0.7	< 10.	9.
81-H 1007	< 0.02	1.0	< 10.	11.
81-H 1008	< 0.02	0.7	< 10.	10.
81-H 1009	< 0.02	1.0	< 10.	9.
81-H 1010	< 0.02	0.5	< 10.	< 5.
81-H 1011	< 0.02	INS	INS	INS
81-H 1012	INS	0.7	< 10.	11.
81-H 1013	< 0.02	1.0	< 10.	11.
81-H 1014	< 0.02	0.7	< 10.	10.
81-H 1015	< 0.02	0.5	< 10.	9.
81-H 1016	< 0.02	0.5	< 10.	9.
81-H 1017	< 0.02	0.5	< 10.	8.
81-H 1018	< 0.02	0.7	< 10.	6.
81-H 1019	< 0.02	0.5	< 10.	7.
81-H 1020	< 0.02	0.5	< 10.	7.
81-H 1021	< 0.02	0.7	< 10.	5.
81-H 1022	< 0.02	0.7	< 10.	7.
81-H 1023	< 0.02	0.5	< 10.	7.
81-H 1024	< 0.02	0.5	< 10.	7.
81-H 1025	< 0.02	0.7	< 10.	< 5.
81-H 1026	< 0.02	0.2	< 10.	7.
81-H 1027	< 0.02	0.2	< 10.	6.
81-H 1028	< 0.02	1.2	< 10.	7.
81-H 1029	< 0.02	0.5	< 10.	9.
81-H 1030	< 0.02	0.2	< 10.	5.
81-H 1031	< 0.02	0.5	< 10.	8.
81-H 1032	< 0.02	0.5	< 10.	8.

* Partial Report: MN to follow. *

USBRC Geochemical Analysis --- CN84RX02 --- 2-OCT-84

Field Number	AU/AA PPM	AG/AA PPM	CO PPM	NI PPM
81H-1033	< 0.02	0.7	< 10.	6.
81H-1034	< 0.02	0.6	< 10.	6.
81H-1035	< 0.02	0.2	< 10.	11.
81H-1036	< 0.02	0.2	< 10.	8.
81H-1037	< 0.02	< 0.2	< 10.	8.
81H-1038	< 0.02	< 0.2	< 10.	9.
81H-1039	< 0.02	< 0.2	< 10.	< 5.
81H-1040	< 0.02	< 0.2	< 10.	6.
81H-1041	< 0.02	< 0.2	< 10.	7.
81H-1042	< 0.02	< 0.2	< 10.	7.
81H-1043	< 0.02	0.2	< 10.	11.
81H-1044	< 0.02	0.3	< 10.	10.
81H-1045	< 0.02	< 0.2	< 10.	8.
81H-1046	< 0.02	< 0.2	< 10.	6.
81H-1047	< 0.02	0.5	< 10.	5.
81H-1048	< 0.02	< 0.2	< 10.	7.
81H-1049	< 0.02	< 0.2	< 10.	8.
81H-1050	< 0.02	< 0.2	< 10.	6.
81H-1051	< 0.02	< 0.2	< 10.	9.
81H-1052	< 0.02	< 0.2	< 10.	7.
81H-1053	< 0.02	< 0.2	< 10.	7.
81H-1054	< 0.02	2.9	< 10.	< 5.
81H-1055	< 0.02	1.7	< 10.	6.
81H-1056	< 0.02	1.2	< 10.	7.
81H-1057	< 0.02	1.0	< 10.	7.
81H-1058	< 0.02	1.0	< 10.	7.
81H-1059	< 0.02	1.0	< 10.	< 5.
81H-1060	< 0.02	1.4	< 10.	7.
81H-1061	< 0.02	2.4	< 10.	8.
81H-1062	< 0.02	1.0	< 10.	< 5.
81H-1063	< 0.02	1.0	< 10.	6.
81H-1064	0.09	1.2	< 10.	3.
81H-1065	< 0.02	1.2	< 10.	< 5.
81H-1066	< 0.02	1.4	< 10.	< 5.
81H-1067	< 0.02	1.0	< 10.	5.
81H-1068	< 0.02	2.2	< 10.	5.
81H-1069	< 0.02	1.0	< 10.	< 5.
81H-1070	< 0.02	1.7	< 10.	9.
81H-1071	< 0.02	1.2	< 10.	< 5.

* Partial Report: MN to follow. *

RECEIVED OCT 23 1984

USBRC Geochemical Analysis --- CN84RX04 --- 3-OCT-84

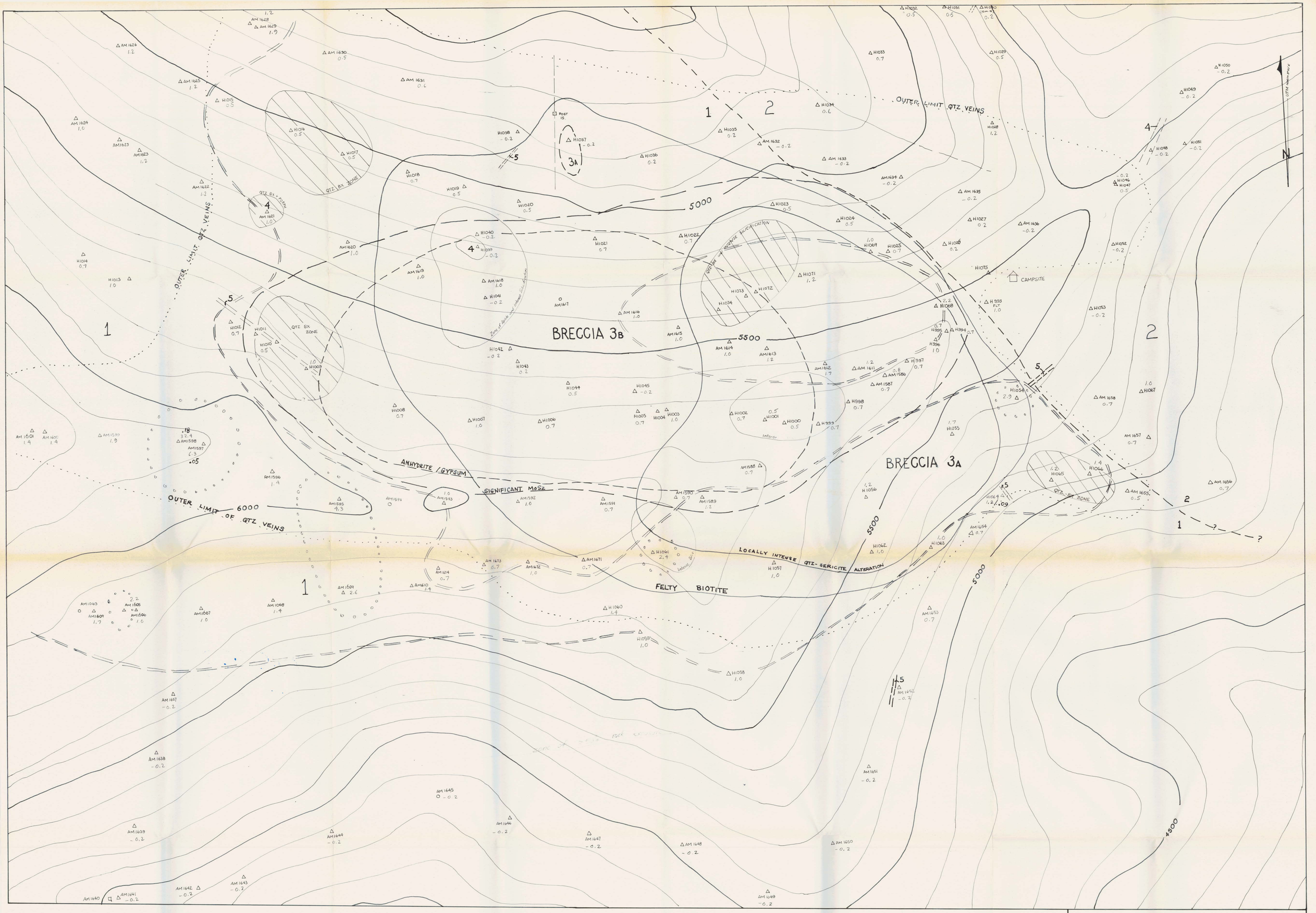
Field Number	AU/AA PPM	AG/AA PPM	CO PPM	NI PPM
AM81-1586	< 0.02	0.8	< 10.	6.
AM81-1587	< 0.02	0.7	< 10.	5.
AM81-1588	< 0.02	0.7	< 10.	< 5.
AM81-1589	< 0.02	1.2	< 10.	6.
AM81-1590	< 0.02	0.7	< 10.	< 5.
AM81-1591	< 0.02	0.7	< 10.	< 5.
AM81-1592	< 0.02	1.0	< 10.	9.
AM81-1593	< 0.02	1.0	< 10.	7.
AM81-1595	< 0.02	4.3	< 10.	7.
AM81-1596	< 0.02	1.4	< 10.	12.
AM81-1597	0.05	6.5	< 10.	8.
AM81-1598	0.18	32.4	< 10.	11.
AM81-1599	< 0.02	1.9	< 10.	13.
AM81-1600	< 0.02	1.4	< 10.	10.
AM81-1601	< 0.02	1.4	< 10.	9.
AM81-1604	< 0.02	1.7	< 10.	5.
AM81-1605	< 0.02	2.2	< 10.	9.
AM81-1606	< 0.02	1.0	< 10.	6.
AM81-1607	< 0.02	1.0	< 10.	< 5.
AM81-1608	< 0.02	1.4	< 10.	9.
AM81-1609	< 0.02	2.6	< 10.	13.
AM81-1610	< 0.02	1.4	< 10.	8.
AM81-1611	< 0.02	1.2	< 10.	< 5.
AM81-1612	< 0.02	1.7	< 10.	6.
AM81-1613	< 0.02	1.2	< 10.	< 5.
AM81-1614	< 0.02	1.0	< 10.	7.
AM81-1615	< 0.02	1.0	< 10.	< 5.
AM81-1616	< 0.02	1.0	< 10.	8.
AM81-1618	< 0.02	1.0	< 10.	< 5.
AM81-1619	< 0.02	1.0	< 10.	< 5.
AM81-1620	< 0.02	1.0	< 10.	7.
AM81-1621	< 0.02	1.0	< 10.	< 5.
AM81-1622	< 0.02	1.2	< 10.	9.
AM81-1623	< 0.02	1.2	< 10.	9.
AM81-1624	< 0.02	1.0	< 10.	8.
AM81-1625	< 0.02	1.2	< 10.	10.
AM81-1626	< 0.02	1.2	< 10.	10.
AM81-1627	< 0.02	1.0	< 10.	7.
AM81-1628	< 0.02	1.2	< 10.	< 5.
AM81-1629	< 0.02	1.9	< 10.	11.

* Partial Report: MN to follow. *

USBRC Geochemical Analysis --- CN84RX05 --- 2-OCT-84

Field Number	AU/AA PPM	AG/AA PPM	CO PPM	NI PPM
AM81-1630	< 0.02	0.5	< 10.	8.
AM81-1631	< 0.02	0.6	< 10.	8.
AM81-1632	< 0.02	< 0.2	< 10.	8.
AM81-1633	< 0.02	< 0.2	< 10.	6.
AM81-1634	< 0.02	< 0.2	< 10.	6.
AM81-1635	< 0.02	< 0.2	< 10.	7.
AM81-1636	< 0.02	< 0.2	< 10.	< 5.
AM81-1637	< 0.02	< 0.2	< 10.	6.
AM81-1638	< 0.02	< 0.2	< 10.	7.
AM81-1639	< 0.02	< 0.2	< 10.	9.
AM81-1641	< 0.02	< 0.2	< 10.	7.
AM81-1642	< 0.02	< 0.2	< 10.	10.
AM81-1643	< 0.02	< 0.2	< 10.	7.
AM81-1644	< 0.02	< 0.2	< 10.	7.
AM81-1646	< 0.02	< 0.2	< 10.	< 5.
AM81-1647	< 0.02	< 0.2	< 10.	9.
AM81-1648	< 0.02	< 0.2	< 10.	10.
AM81-1649	< 0.02	< 0.2	< 10.	8.
AM81-1650	< 0.02	< 0.2	< 10.	9.
AM81-1651	< 0.02	< 0.2	< 10.	8.
AM81-1652	< 0.02	< 0.2	< 10.	< 5.
AM81-1653	< 0.02	0.7	< 10.	6.
AM81-1654	< 0.02	0.7	< 10.	6.
AM81-1655	< 0.02	0.5	< 10.	< 5.
AM81-1656	< 0.02	0.7	< 10.	6.
AM81-1657	< 0.02	0.7	< 10.	5.
AM81-1671	< 0.02	0.7	< 10.	7.
AM81-1672	< 0.02	1.0	< 10.	8.
AM81-1673	< 0.02	0.7	< 10.	8.
AM81-1674	< 0.02	0.7	< 10.	9.

* Partial Report: MN to follow. *



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,384

LEGEND

LITHOLOGY

- 5 — APLITE: White pink aplite, grey and green weathering.
- 4 — QTZ. PORPHYRY: Grey pyritic quartz latite
- 3 (3a–3b) — BRECCIA COMPLEX: 3a Breccia texture, fragments of units 1, 2 and 5; matrix locally grey–brown quartz feldspar porphyry.

  3b Melange texture granodiorite grading to 3a (above); mixed units of 1, 2 and 5.
- 2 — GRANODIORITE: Medium grained, massive biotite granodiorite to quartz diorite.
- 1 — GRANODIORITE: Coarse grained, foliated biotite granodiorite

SYMBOLS

- Zone of quartz–matrix breccia
- Zone of intense silicification

GEOCHEMICAL LEGEND

- H1069 / 1.2 — ppm Ag
- .09 — ppb Au reported if > .02 ppb Au.
- 1.0 ppm Ag
- 2.0 ppm Ag

EXPLANATION

- Fault, defined, assumed
- Contact, defined, inferred, assumed
- Limit of outcrop; (approximate)
- 75° Bedding attitude
- Creek
- Claim Post
- Road
- Soil sample
- Silt sample
- Rock chip sample
- AM1652 — Sample location number

TERRITORIAL GOLD PLACERS LTD.

SCUZZY PROJECT

GEOLOGY AND SAMPLE LOCATION

Ag-Au GEOCHEMISTRY

1 : 2000

0 100 Metres

FIG. To accompany report by C. Harival. Dated: Nov. 1981

J M T SERVICES CORP.