REPORT OF MAPPING, PROSPECTING AND TILL SAMPLING ON THE MOUNT TOM PROPERTY

Clinton Mining Division
N.T.S. 920-06
Latitude: 51°25'N, Longitude 123°12'W
OWNER: Inco Limited
OPERATOR: Inco Limited

Mark Slauenwhite, Geologist
Inco Exploration and Technical Services Inc.
October 1991

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1.0 SUMMARY

Several carbonate alteration zones associated with northeast- and northwest-trending structures were identified by mapping and prospecting carried out on the Mount Tom property during 1991. The structures, which appear to be high level brittle faults, crosscut both Eocene feldspar porphyry intrusives and Cretaceous fine grained clastic sedimentary rocks. Intense sericite and mild argillic alteration with up to 5% pyrite locally occurs in association with one of these structures. Pervasive silicification occurs proximal to the sericite alteration zone and appears to be part of the same hydrothermal system. A 1.5 m long chip sample collected from the sericite zone returned 0.7 g/t Au. It is inferred that this system may be large since a 2 km-long anomaly defined in 1980 occurs to the west of and approximately parallel to the apparent trend of the sericite alteration zone.

The style of alteration observed on the property is compatible with the epithermal gold model and is also similar in some respects to the alteration at the Fish Lake copper porphyry prospect which is hosted by the same rock package 50 km to the northwest. It is possible that the alteration mapped on the property may be peripheral to economic mineralization. It is recommended that an orientation IP survey be carried out to precisely locate the 1980 IP anomaly and, if warranted, that diamond drilling also be carried out to test the anomaly at depth.

2.0 INTRODUCTION

Inco Ltd. optioned the Mount Tom property from Eighty Eight Resources Ltd. in 1990. It was interpreted that the sedimentary rocks underlying the property, which are intruded by porphyry plugs and sills, may host a "Carlin" type disseminated gold deposit. This concept is supported by numerous Au soil geochemical anomalies, the presence of wide-spread carbonate alteration, and an outcrop of jasperoid discovered by Inco Exploration and Technical Services (IETS) personnel during a 1990 property exam.

IETS personnel carried out detailed mapping, prospecting and till sampling on the property during July of 1991 to determine the source of the Au anomalies in the soil and to identify the source of the alteration. This report is a description of these surveys and their results.

3.0 PROPERTY

3.1 Location and Access

The property is located in south-central British Columbia, approximately 110 km southwest of the town of Williams Lake (Figure 1). The approximate geographical centre of the property is 51°21' north latitude and 123°12' west longitude and is on NTS map sheet 920-6.

Access to the property is by a 45-minute helicopter flight from either Williams Lake or Pemberton. A seasonal jeep road also accesses the property from Big Creek, located 18 km to the north of the claims. IETS established a fly camp on the north-central portion of the property for the 1991 exploration program. All personnel and field equipment were airlifted from the Teepee Heart Ranch which is a few kilometers to the west of Big Creek.

3.2 Physiography and Vegetation

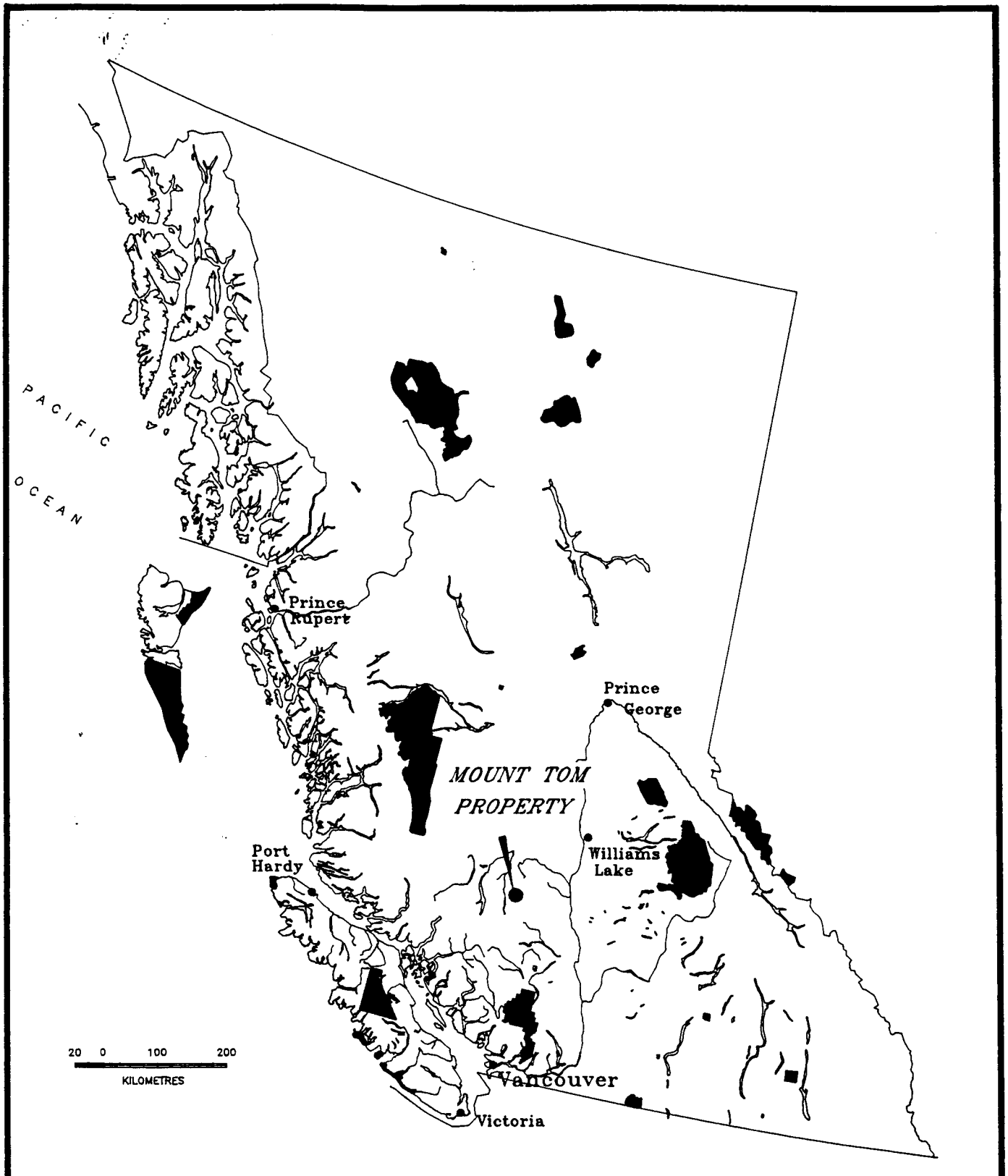
The claims are located near the south edge of the Fraser Plateau near the foothills of the Coast Range Mountains. Relief on the property is typically flat to gently rolling except at the south edge of the property where Mount Tom and several adjacent hills are located. Relief in this area is in the order of 400 m. The elevation of the north portion of the claims is approximately 1615 m. West Nadila, Nadila and Bear Creeks drain the property from the southwest to the northeast. Nadila creek is located at the centre of the claims and is the largest and more deeply incised of the three.

Lodgepole pine is the dominant tree cover in the area. They are typically less than 30 cm in diameter and are spaced on approximately 2 m centers (precluding the need for line cutting).

3.3 Claims Status

The property consists of 193 units contained within 11 claims. Claims Mt 7, Mt 8, Mt 9, Mt 10 and Mt 11 were staked by Inco Ltd. Claims Mt#1, Mt#2, Mt#3, Mt#4, Mt 5 and Mt 6 were purchased from Eighty Eight Resources Ltd. All claims are subject to an agreement between Eighty Eight Resources Ltd. and Inco Ltd.

The units were regrouped into the Mt North and Mt South groups on July 3, 1991. The following table lists these groups with their respective claims, number of units, title numbers and expiry dates (the expiry dates are pending the acceptance of this report).

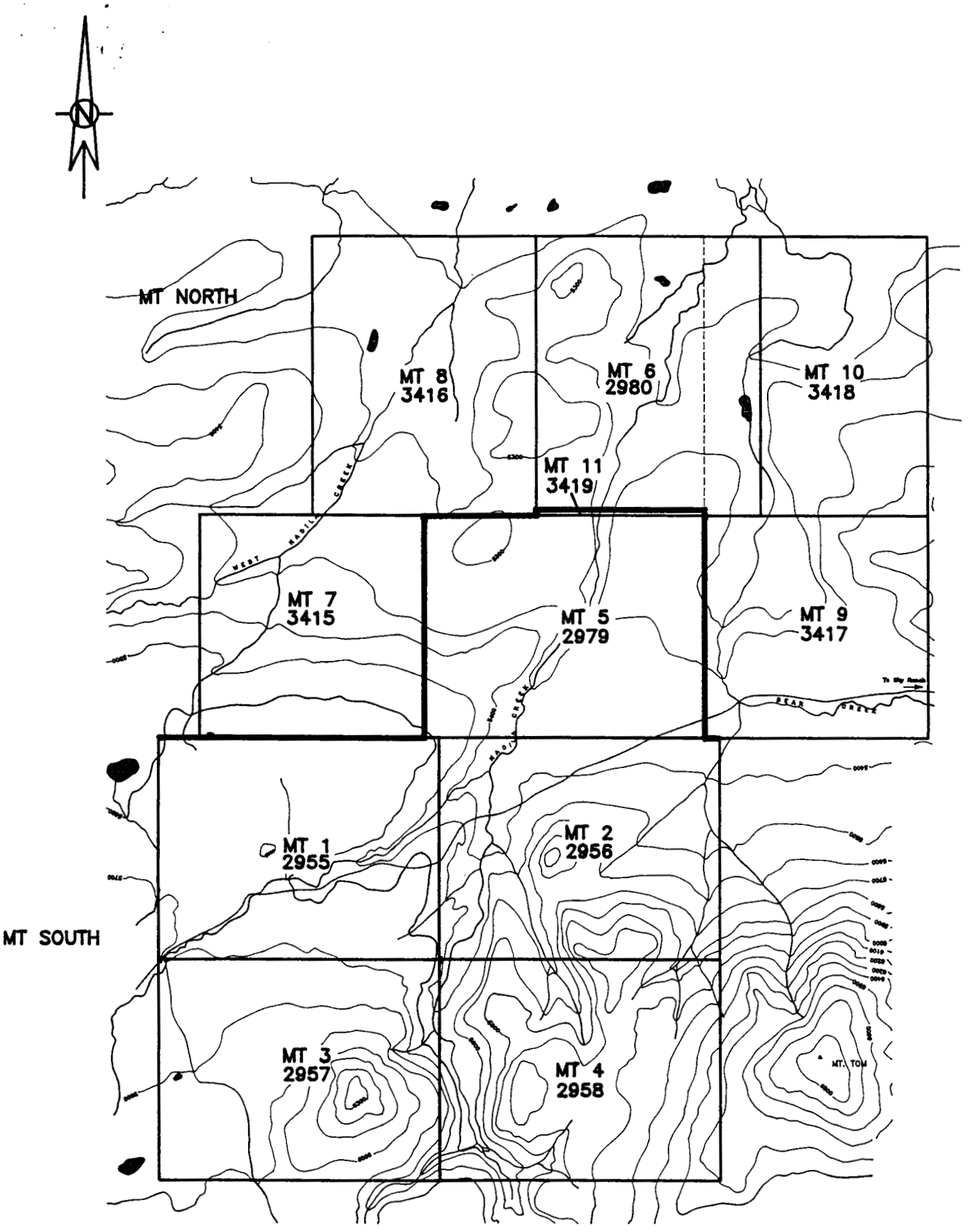


INCO EXPLORATION AND TECHNICAL SERVICES INC.

MOUNT TOM PROPERTY LOCATION MAP

FIGURE 1

GROUP	CLAIMS	# OF UNITS	TITLE #	EXPIRY DATE
Mt North	Mt 6	20	208751	Jul 22/94
	Mt 7	16	209176	Jul 30/93
	Mt 8	20	209177	Jul 20/93
	Mt 9	16	209178	Aug 1/93
	Mt 10	20	209179	Jul 31/93
	Mt 11	1	209180	Aug 1/93
Mt South	Mt #1	20	208729	May 11/94
	Mt #2	20	208730	May 12/94
	Mt #3	20	208731	May 11/93
	Mt #4	20	208732	May 12/93
	Mt 5	20	208750	Jul 22/94



INCO EXPLORATION AND TECHNICAL SERVICES INC.

MOUNT TOM PROPERTY
CLAIM MAP

FIGURE 2

4.0 PROPERTY HISTORY

4.1 1950 - 1980

Several old claim posts and claim lines were found on the property. The tags on the posts indicate that the ground was staked as far back as 1974. Another report however, indicates that some of the claim tags go back as far as the 1950's. Nevertheless, the first work reported for assessment was not until 1980.

4.2 1980

Peter E. Walcott & Associates Limited carried out a reconnaissance induced polarization (IP) survey over part of the north-central claim block. The survey was contracted by J.M.T. Services Corporation and was designed to test for sulphide porphyry systems on the property. The presence of such systems was inferred by favourable geology and the occurrence of weakly mineralized outcrop in the general area of the survey.

Measurements were made along five north-south orientated, compass traverse lines spaced 500 m apart. A 100 m dipole spacing was used for the survey. Measurements of apparent resistivity were made simultaneously with the IP survey.

A medium-strength IP anomaly measuring approximately 100 m wide and 2 km long was defined by the survey (Figure 3). The anomaly, which is orientated east-west, extends beyond the limits of the survey. Because of the absence of a corresponding resistivity anomaly, it is inferred that the anomalous frequency effect is likely caused by disseminated sulphides. It was recommended that further work, including additional geophysics and geological mapping, be carried out; however, no further work was performed.

4.3 1989

Eighty Eight Resources Ltd. staked a portion of property in 1989 and carried out reconnaissance mapping and prospecting. Several zones of carbonate alteration associated with linear faults that cross-cut fine grained clastic sedimentary rocks were found and sampled. A soil geochemical survey consisting of 940 samples was also completed. Samples were collected from north-south orientated lines spaced approximately 500 m apart. Soil samples were collected at 50 m intervals along the lines. Each sample was analyzed for Au, Cu and As. Several elongated gold anomalies were detected by the survey. The largest anomaly, which is oriented northeast-southwest, is located in the north-central portion of the property and measures up to 300 m wide and a minimum of 2000 m long (Figure 3). Gold values in this anomaly ranged up to 120 ppb Au. Other smaller clusters of Au soil anomalies and single-sample anomalies of up to 623 ppb Au were also recorded.

4.4 1990

IETS carried out a field exam on the Mount Tom property on June 1, 1990. A total of 24 rock, 25 soil and 13 silt samples were collected. Sample sites and results are plotted on Figure 3 (expenses incurred from sample collection and analyses are not included for assessment credit). The focus of the examination was to check the original soil geochemistry results and to examine the alteration previously reported. No significant values for Au were returned from the rock samples; however, minor anomalies of 50 and 58 ppb Au were returned from stream silt samples collected from West Nadila Creek and Nadila Creek respectively. One anomalous soil value of 135 ppb Au was returned from a site adjacent to a previous soil anomaly of 120 ppb Au.

During the exam an outcrop of previously undiscovered "jasperiod", with moderately anomalous Ba and As, was found near the north-central end of the property. Based on this discovery, widespread carbonate alteration, and a favourable geological setting, it was concluded that the property may have potential for disseminated sulphide "Carlin-type" Au mineralization. Subsequently, Inco Ltd. staked additional claims in the area and executed an agreement with Eighty Eight Resources Ltd.

5.0 1991 EXPLORATION PROGRAM

A fly camp was established at the north end of the claim group adjacent to Nadila Creek. The camp served as a base for mapping, prospecting and till sampling surveys carried out from July 3 to July 23, 1991.

5.1 Mapping and Prospecting

A 1:10000 scale geological map was compiled for the property (Figure 3). At one location, where strong sericite alteration with sulphide mineralization was discovered on the west bank of Nadila Creek, mapping was conducted at 1:100 scale (Figure 4).

A total of 92 rock samples was collected during the mapping-prospecting exercise (Figure 3). All samples were sent to ACME Analytical in Vancouver for analysis. Sample preparation and analysis was conducted in the following manner: each sample was pulverized to -150 mesh after which a 0.5 g split of the sample was digested in 3 ml of 3:1:2 HCl - HNO3 - H2O solvent at 95°c for one hour and then diluted to 10 ml with water. The digested sample was analyzed for 30 elements by the inductively coupled argon plasma method (ICP). The acid leach was partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K, and Al. Flameless atomic absorption was utilized for Hg analysis. Gold analysis was by acid leach and atomic absorption on a 20 g sample.

Two anomalous gold values of 139 and 730 ppb were returned from the rock samples. Both of these anomalies were from 1.5 m chip samples collected from the sericite alteration zone.

5.2 Till Sampling

From the examination of stream cuts and from inspecting some of the 1989 soil sample sites, it is apparent that the majority of the property is covered by thick mantle of till (bedrock exposure is mainly confined to Nadila Creek). The soil samples collected by Eighty Eight Resources Ltd. consist dominantly of a mix of gravelly till matrix and poorly developed soil. The till consists of lithologies which include intrusives and volcanics that did not originate on the property. The source of the till is assumed to be to the northwest.

Thirty-seven till samples were collected to determine the source of the Au in the soil (Figure 3). Till sample sites were selected near some of the Au soil anomalies from the previous soil survey. The collection of till samples involved the excavation of a large pits (typically to 80 cm in depth) from which an 8 kg sample of till matrix was collected from the profile of the pit wall. The samples were shipped to Overburden Drilling Management Ltd. in Nepean Ontario where **all** of the gold grains down to 5 microns in size were recovered from the **entire** sample by a process including shaker tables and heavy liquid separation. The gold grains, once recovered, were manually counted and described in terms of delicacy (if an anomaly is detected, this information can be used to estimate the distance to the source). After this exercise, the gold grains were returned to the heavy mineral concentrate which was in turn analyzed for Au + 30 elements by ICP analysis at Bondar-Clegg in Ottawa (Appendix B).

The gold values from the concentrates range from 8 to 1289 ppb and average 270 ppb Au. It was expected that the values would be several orders of magnitude higher than those of the original soil samples in that these values were returned from concentrates derived from 8 kg samples of virtually the same material sampled in the original soil survey. The analytical values and the number of the gold grains returned from the till survey are not considered to be anomalous and do not explain the cause of the Au soil anomalies.

6.0 GEOLOGY AND MINERALIZATION

6.1 Regional Geology

The Mount Tom property is located on the south margin of the Tyaughton Trough which is a Mesozoic successor basin containing both marine and nonmarine sedimentary rocks and volcanics. These lithologies comprise part of the Stikinia Terrane which is contained in the Intermontane Belt. The Yalakom Fault, which is a large transverse fault interpreted to have had dextral strike slip motion, is located southwest of the property.

6.2 Property Geology

Outcrop exposure on the claim block is generally poor. The majority of the outcrops mapped on the property occur along the banks of Nadila Creek.

The northern portion of the property is underlain by Upper Cretaceous argillite, siltstone and sandstone of the Kingsvale Group (Figure 3). Lower Cretaceous siltstone, argillite, greywacke and boulder conglomerate of the Jackass Mountain Formation contact with the Kingsvale sediments at the Hungry Valley Thrust Fault located in the southern portion of the claim block. The Hungry Valley Thrust Fault is oriented roughly east-west and dips to the south (location inferred from Government mapping). The east and west strike extensions of the thrust fault are masked by the Miocene Plateau Basalt which overlies the fault. Outcrops of plateau basalt occur near the east and west margins of the Property (large erratics (+1 m) of the basalt, which are often very vesicular and brecciated, commonly occur in the till cover).

Jurassic andesite, with epidote alteration and associated quartz stringer mineralization, is exposed along a tributary of Nadila Creek near the south margin of the property, where a window has been eroded through the Jackass Mountain Formation.

Bedding within Kingsvale Group is generally flat-lying to gently dipping. Northeast trending faults that crosscut the Kingsvale sedimentary rocks appear to mark changes in lithology from argillite to siltstone and from siltstone to sandstone proceeding from north to south along Nadila Creek. The bedding becomes more steeply dipping on the south side of the Hungry Valley thrust fault within the Jackass Mountain Formation, particularly near the thrust fault where it is nearly vertical. A broad anticline is inferred in the area of Mount Tom near the south edge of the property.

A small plug of biotite hornblende feldspar porphyry, typified by 40% feldspar phenocrysts measuring up to 1 cm in length, occurs at the north end of the property. Two smaller isolated occurrences of similar porphyry were mapped as sills within Kingsvale sandstones further to the south along Nadila Creek. Small outcrops of chlorite-altered granodiorite and a lithology suspected to be a diatreme occur on West Nadila Creek. The relationships between the intrusives and the host rocks has not be established due to limited bedrock at these locations.

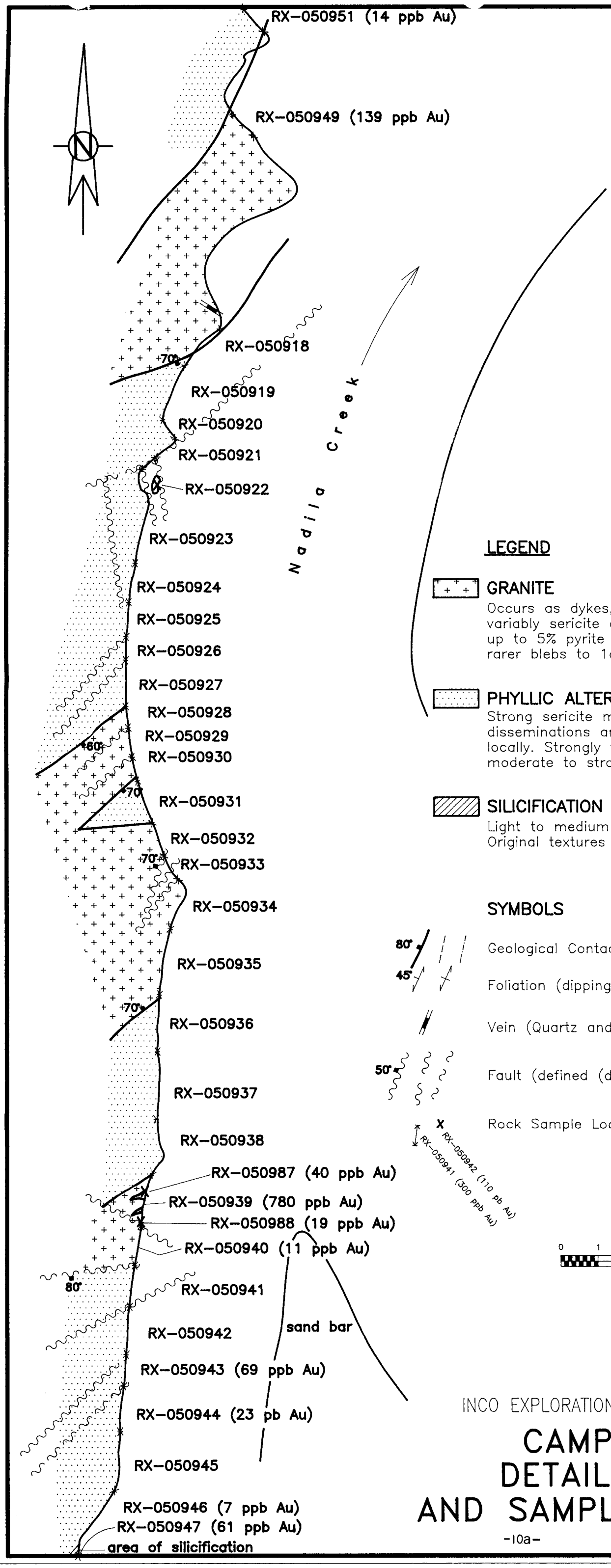
6.3 Mineralization

Several carbonate alteration zones associated with northeast- and northwest-trending structures were identified on the property. The structures, which appear to be high level brittle faults, crosscut both Eocene feldspar porphyry intrusives and Cretaceous fine grained clastic sedimentary rocks. Intense sericite with minor argillic alteration and nearby pervasive silicification occur in association with an east-northeast trending deformation zone. Pyrite occurs in concentrations of up to 5% within the sericite/argillite alteration. This zone extends beyond the limits of the bedrock exposure and has a minimum width of 35 m. A 1.5 m chip sample from this zone returned 0.7 g/t Au. The alteration at this location is spatially associated with argillically altered granitoid dykes which comprise approximately 50% of the zone. A 2 km-long IP anomaly defined in 1980 occurs approximately along strike from, and to the west of, the alteration zone. Its presence suggests that the sericite zone may be part of a significantly large sulphide bearing system.

The types of alteration observed on the Mount Tom Property (silicification, carbonate and phyllic alteration) are similar to those typically encountered in epithermal gold systems. In addition, the sericite alteration is also similar to that at the Fish Lake copper porphyry prospect, located within the same rock package 50 kilometers to the northwest.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The presence of widespread carbonate and intense sericitic/argillic alteration with associated silicification suggest that a large hydrothermal system altered the lithologies underlying the Mount Tom Property. The broad IP anomaly (defined in 1980) which occurs along the apparent trend of the sericite/argillic alteration zone supports this hypothesis. Given the limited bedrock exposure on the property it is very difficult to determine the cause of the alteration; however, the geological setting (ie: clastic sedimentary rocks intruded by subvolcanic porphyry) is conducive to several types of mineralization including epithermal Au as well as "classical type" copper porphyry mineralization such as at Fish Lake. Despite the rather discouraging lithogeochemical results, it is felt that because of the intensity and broad scale of the alteration, an effort should be made to better understand the hydrothermal system through thin section analysis, whole rock geochemistry, fluid inclusion studies and literature research. In addition, other prospects such as Fish Lake should be visited in order to determine the extent of the similarities. Considering that the alteration may be distal to economic mineralization of some form, it is recommended that a small program of IP be carried out in order to more accurately locate the 1980 anomaly. If results are encouraging, diamond drilling is recommended.



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CAMP PROPERTY DETAILED GEOLOGY AND SAMPLE LOCATION MAP

FIGURE 4

8.0 STATEMENT OF EXPENDITURES

Personnel

M. Slauenwhite Project Geologist	25 days @ $230/day July 2 - 26, 1991	$5730
D. Bohme Project Geologist	12 days @ $230/day July 15 - 26, 1991	$2760
R. Aitken Geological Assistant	25 days @ $100/day July 2 - 26, 1991	$2500
D. MacGibbon Geological Assistant	9 days @ $90/day July 2 - 10, 1991	$810
I. Cassidy Assistant/Draughtsman	6 days @ $175/day July 20 - 26, 1991	$1050

Geochemical Analysis

92 Rock Samples @ $18.25/sample	$1679
37 Till Samples @ $33.00/sample	$1221

Transportation

Helicopter:	
Bell 206 B for 12.4 hrs @ $740/hr	$9176
Truck Rental:	
Jimmy 4x4 23 days @ $100/day	$2300
Nissan Pathfinder 6 days @ $80/day	$480
GMC 3/4ton 7 days @ $100/day	$700

Airfare

Williams Lake to Vancouver	$192

Accommodations

Motels	$370

Meals and Groceries $1510

Field Supplies

Camping Gear	$810
Camp Fuel	$241
Map Reproductions	$160

Miscellaneous Expenditures

Communications	$110
Freight/Shipping	$550
Typing, Copying, Drafting etc.	$950

Total $33,319

We hereby certify that:

approximately 43% of the work described in this report was completed on the claims comprising the Mt South Group which amounts to $14,327;

the remaining 57% of the expenditures amounting to $18,992 was spent on the claims comprising the Mt Tom North Group.

9.0 STATEMENT OF QUALIFICATIONS

I, David Mark Slauenwhite, of the City of Vancouver, in the Province of British Columbia, do certify that:

1. I reside at 7830 Yukon Street, Vancouver, British Columbia, V5X 2Y5.

2. I am a graduate of Acadia University in Wolfville, Nova Scotia, with a Bachelor of Science Degree and a major in geology.

3. I have been employed in minerals exploration as a geologist with Acadia Minerals Venture Ltd. during 1984 and with Inco from 1985 to 1991.

4. I personally carried out and supervised the work described in this report.

5. I am a geologist employed by Inco Exploration and Technical Services Inc. at 2690-666 Burrard St., Vancouver B.C., V6C 2X8.

APPENDIX A

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Inco Expl. & Tech. Services File # 91-2516 Page 1

2690 - 666 Burrard St., Vancouver BC V6C 2X8 Submitted by: MARK SLAUENWHITE

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
RX 050901	1	44	2	61	.2	22	15	849	3.85	8	5	ND	1	503	.4	4	2	74	7.83	.012	2	19	2.28	18	.01	4	.34	.01	.07	1	3	75
RX 050902	3	31	2	72	.1	9	8	461	2.86	2	5	ND	1	181	.4	2	2	36	1.45	.059	3	10	.74	43	.08	2	2.44	.38	.07	1	1	20
RX 050903	1	41	3	97	.3	29	22	880	5.95	10	5	ND	2	250	.7	2	2	122	2.71	.047	7	31	1.25	153	.01	6	.73	.03	.09	1	1	12500
RX 050904	3	22	6	27	.1	6	3	184	4.48	6	5	ND	1	87	.2	2	2	36	.76	.036	2	9	.37	55	.21	2	.66	.06	.12	1	2	145
RX 050905	1	28	4	74	.2	17	10	1084	4.83	9	6	ND	1	440	1.4	5	2	69	12.42	.032	6	14	3.40	213	.01	2	.30	.02	.01	1	2	50
RX 050906	1	17	3	68	.3	16	10	868	4.74	11	7	ND	1	1707	1.3	3	2	34	14.31	.026	10	11	1.57	435	.01	5	.51	.01	.11	1	1	110
RX 050907	1	28	3	66	.1	20	10	329	2.98	147	5	ND	1	55	.4	3	2	26	1.27	.030	3	12	.12	296	.01	5	.34	.01	.08	1	1	3050
RX 050908	1	29	5	84	.1	23	14	321	4.27	99	5	ND	1	24	.2	2	2	45	.37	.043	6	18	.07	66	.01	6	.53	.01	.10	1	2	1550
RX 050909	1	19	3	55	.2	21	12	704	4.60	66	5	ND	1	123	.6	2	2	64	3.97	.052	8	21	.38	37	.01	5	.67	.01	.10	1	2	255
RX 050910	1	12	2	23	.3	7	5	693	3.74	27	5	ND	1	645	1.0	4	2	30	14.88	.017	2	9	3.78	25	.01	2	.26	.01	.03	1	1	150
RX 050911	1	20	2	45	.3	14	8	809	4.28	41	6	ND	1	376	1.0	7	2	50	10.72	.025	6	14	2.69	35	.01	2	.39	.02	.04	1	2	405
RX 050912	1	14	3	34	.4	10	7	798	3.95	35	5	ND	1	656	1.3	4	2	44	13.76	.018	2	13	3.63	452	.01	2	.36	.03	.05	1	3	235
RX 050913	1	32	3	79	.3	22	16	871	4.06	43	5	ND	2	70	.7	2	2	72	4.86	.056	10	28	.81	42	.01	6	1.35	.04	.07	1	4	340
RX 050914	1	50	3	102	.1	32	20	569	4.23	86	5	ND	1	229	.7	5	2	89	2.55	.012	2	18	1.26	93	.01	3	.49	.03	.01	1	1	640
RX 050915	1	36	16	96	.1	21	13	85	1.48	35	5	ND	1	51	.2	2	3	11	.63	.011	3	4	.23	36	.01	11	.45	.01	.12	1	2	285
RX 050916	2	55	4	61	.1	15	11	294	7.61	31	5	ND	1	40	.3	2	2	33	.32	.042	3	12	.24	64	.01	5	1.60	.03	.12	1	1	685
RX 050917	1	45	2	70	.1	13	11	774	3.70	29	5	ND	1	204	.7	3	2	49	6.47	.086	7	9	1.10	32	.01	4	.51	.04	.07	1	1	290
RX 050918	1	14	2	22	.1	7	3	131	1.50	9	5	ND	1	30	.2	2	2	6	.35	.043	5	5	.11	153	.01	5	.55	.05	.13	1	2	285
RX 050919	1	13	2	9	.1	3	1	66	1.14	7	5	ND	1	21	.2	2	2	1	.32	.037	4	3	.09	151	.01	4	.49	.04	.12	1	2	200
RX 050920	1	2	2	10	.1	4	3	43	1.32	4	5	ND	1	18	.2	2	2	1	.14	.040	4	4	.04	84	.01	2	.45	.04	.10	1	1	235
RX 050921	1	11	2	21	.1	6	4	88	2.94	19	5	ND	1	20	.2	2	2	3	.16	.044	5	3	.05	236	.01	3	.60	.04	.07	1	3	95
RX 050922	1	5	2	7	.1	2	2	67	2.12	3	5	ND	1	21	.2	2	3	1	.25	.034	5	2	.09	102	.01	3	.39	.03	.12	1	2	235
RX 050923	1	6	2	8	.1	2	3	49	2.14	9	5	ND	1	23	.2	2	2	2	.14	.050	5	3	.04	225	.01	4	.51	.04	.10	1	1	245
RX 050924	1	3	2	5	.1	1	2	24	1.71	2	5	ND	1	16	.2	2	2	1	.09	.038	4	1	.04	146	.01	4	.40	.04	.10	1	1	170
RX 050925	1	5	2	7	.1	3	2	63	2.18	3	5	ND	1	17	.2	2	2	1	.27	.028	4	4	.11	90	.01	3	.37	.02	.08	1	2	130
RX 050926	1	2	2	9	.1	3	3	44	1.72	8	5	ND	1	14	.2	2	3	1	.09	.046	6	3	.04	241	.01	3	.52	.03	.10	1	2	120
RX 050927	1	1	2	7	.1	3	1	16	1.36	4	5	ND	1	12	.2	2	2	1	.07	.042	5	3	.02	177	.01	2	.31	.04	.05	1	1	235
RX 050928	1	4	2	10	.2	9	11	204	3.42	15	5	ND	1	55	.4	2	2	22	2.80	.058	2	3	1.18	44	.01	3	.50	.05	.05	1	4	130
RX 050929	1	5	2	11	.1	10	17	174	4.72	72	5	ND	1	50	.4	2	2	10	2.36	.046	2	2	.99	21	.01	3	.49	.05	.04	1	6	60
RX 050930	1	5	2	10	.3	10	14	179	4.19	5	5	ND	1	50	.2	2	2	10	2.58	.047	2	3	1.10	31	.01	3	.53	.05	.07	1	3	75
RX 050931	1	4	2	11	.1	4	4	91	1.94	3	5	ND	1	26	.2	2	2	2	.74	.037	4	2	.29	53	.01	4	.43	.04	.07	1	2	115
RX 050932	1	5	3	16	.1	4	3	88	1.68	3	5	ND	1	31	.2	2	2	1	.99	.047	6	3	.25	33	.01	3	.49	.05	.05	1	1	135
RX 050933	1	4	2	17	.1	3	4	130	1.90	4	5	ND	1	39	.2	2	2	2	1.09	.044	4	2	.37	34	.01	4	.47	.04	.06	1	2	165
RX 050934	1	2	2	10	.1	4	2	62	1.51	2	5	ND	1	22	.2	2	2	1	.67	.040	4	3	.22	39	.01	3	.36	.05	.07	1	1	120
RX 050935	2	1	2	7	.1	5	2	61	1.81	2	5	ND	1	21	.2	2	2	1	.48	.042	3	4	.16	45	.01	4	.42	.04	.05	1	2	110
RX 050936	1	6	2	6	.2	4	2	63	1.83	10	5	ND	1	43	.2	2	2	1	.43	.034	3	2	.15	52	.01	5	.48	.04	.11	1	4	135
STANDARD C/AU-R	18	60	39	134	7.4	71	31	1074	4.00	41	16	6	39	53	18.8	14	19	56	.48	.091	40	59	.89	178	.09	33	1.95	.07	.15	11	480	1500

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUL 15 1991 DATE REPORT MAILED: July 17/91. SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
RX 050937	1	7	2	5	.2	2	2	22	1.07	13	8	ND	1	14	.2	7	2	1	.09	.023	4	4	.02	73	.01	8	.36	.03	.08	1	5	240
RX 050938	2	4	5	6	.2	4	3	62	1.60	7	9	ND	2	20	.2	2	2	2	.45	.046	4	7	.15	74	.01	9	.42	.03	.07	1	4	85
RX 050939	1	1	6	9	.3	4	3	62	1.89	3	5	ND	1	21	.2	2	2	1	.43	.037	4	4	.08	34	.01	4	.38	.05	.05	1	780	165
RX 050940	1	1	9	14	.1	3	5	160	2.63	4	5	ND	1	37	.2	2	2	2	1.26	.057	4	5	.27	37	.01	8	.44	.06	.05	1	11	215
RX 050941	2	4	2	10	.1	6	4	149	2.11	3	12	ND	1	27	.2	2	2	1	.40	.056	5	6	.13	55	.01	10	.42	.06	.05	1	4	205
RX 050942	1	2	7	14	.1	5	4	138	1.84	5	5	ND	1	19	.2	2	2	1	.35	.057	5	4	.10	56	.01	3	.43	.04	.06	1	4	200
RX 050943	2	3	8	23	.2	5	4	198	2.06	6	5	ND	1	25	.2	2	2	2	.58	.050	5	5	.15	37	.01	6	.46	.06	.05	1	69	235
RX 050944	1	3	5	23	.1	5	3	489	2.08	12	8	ND	1	80	.2	2	2	2	3.81	.038	4	4	1.00	28	.01	8	.46	.04	.05	1	23	195
RX 050945	2	1	2	11	.1	3	3	229	1.86	2	5	ND	1	49	.2	2	2	1	1.90	.044	3	5	.50	50	.01	7	.43	.05	.06	1	4	230
RX 050946	2	1	3	14	.1	2	2	269	1.47	2	5	ND	1	60	.2	2	2	2	2.03	.049	3	4	.52	38	.01	8	.51	.04	.04	1	7	315
RX 050947	1	3	2	10	.2	4	2	245	1.27	7	10	ND	1	81	.2	2	2	3	2.48	.037	5	5	.65	34	.01	5	.42	.02	.06	1	61	95
STANDARD C/AU-R	18	57	38	133	6.8	65	32	1037	3.93	39	19	7	38	51	18.3	16	19	56	.48	.090	38	58	.88	174	.09	34	1.89	.06	.15	12	460	1300

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Inco Expl. & Tech. Services File # 91-2758 Page 1

2690 - 666 Burrard St., Vancouver BC V6C 2X8 Submitted by: MARK SLAUENWHITE

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
RX 050948	4	7	9	6	.1	5	2	31	.67	41	5	ND	1	27	.2	2	2	10	.06	.006	2	5	.04	24	.01	6	.59	.01	.07	1	8	15
RX 050949	3	8	6	27	.1	2	14	113	1.42	5	5	ND	1	27	.2	2	2	3	1.37	.048	2	3	.16	16	.01	5	.50	.04	.06	1	139	240
RX 050950	1	17	4	26	.1	2	4	174	1.14	7	5	ND	1	57	.2	2	2	4	1.79	.043	2	2	.51	27	.01	5	.52	.03	.06	1	14	180
RX 050951	1	11	2	16	.1	2	1	56	.82	4	5	ND	1	16	.2	2	2	3	.32	.059	2	3	.06	54	.01	6	.59	.05	.09	1	13	80
RX 050952	1	2	5	9	.1	1	1	13	1.11	7	5	ND	1	13	.2	2	2	2	.06	.032	3	1	.03	88	.01	6	.56	.03	.10	1	10	290
RX 050953	1	14	2	27	.1	1	2	199	1.67	7	5	ND	1	44	.3	2	2	9	1.94	.060	4	2	.16	246	.01	4	.40	.06	.08	1	3	960
RX 050954	1	12	5	27	.1	1	3	218	1.69	5	5	ND	1	49	.2	2	2	7	1.96	.058	3	2	.50	77	.01	4	.44	.05	.08	1	4	375
RX 050955	1	7	5	83	.1	11	11	1195	2.39	5	5	ND	1	123	.3	2	2	30	17.90	.024	3	4	.13	13	.01	3	.84	.01	.02	1	1	15
RX 050956	1	6	4	56	.1	7	9	1707	2.43	3	5	ND	1	198	.3	2	2	31	14.26	.023	5	4	1.70	689	.01	2	.38	.01	.02	1	3	20
RX 050957	1	28	7	79	.1	14	13	1050	2.98	5	5	ND	1	164	.6	2	2	39	11.71	.038	7	9	2.51	30	.02	3	.52	.01	.02	1	3	10
RX 050958	1	12	4	62	.1	10	11	1225	3.32	4	5	ND	1	85	.3	2	2	44	8.13	.045	7	11	2.39	101	.02	4	.57	.01	.02	1	4	10
RX 050959	1	25	7	99	.2	19	15	688	2.99	6	5	ND	1	213	.5	2	2	46	12.86	.038	7	9	2.51	59	.02	2	.51	.01	.02	1	1	10
RX 050960	1	86	3	55	.1	8	8	557	2.33	6	5	ND	1	110	.3	2	2	40	7.28	.043	6	6	1.05	118	.01	4	.63	.01	.02	1	1	5
RX 050961	1	44	4	26	.1	24	13	232	4.11	79	5	ND	1	109	.6	2	2	67	2.47	.059	9	22	.58	55	.01	6	.67	.01	.05	1	2	910
RX 050962	1	25	2	81	.1	40	29	830	7.36	88	5	ND	1	97	.7	2	2	126	1.77	.053	9	30	1.42	29	.01	6	.74	.02	.04	1	4	1050
RX 050963	1	16	3	37	.1	25	18	314	5.66	73	5	ND	2	154	.6	2	2	97	2.91	.048	12	28	1.60	24	.01	4	.69	.02	.03	1	2	390
RX 050964	1	13	2	10	.1	13	7	142	2.51	43	5	ND	1	65	.4	3	2	45	2.46	.007	3	17	.52	35	.01	4	.41	.01	.04	1	11	250
RX 050965	1	46	2	12	.1	17	8	222	4.01	1505	5	ND	1	242	.6	5	2	66	7.94	.021	7	16	2.10	717	.01	3	.45	.02	.03	1	3	940
RX 050966	4	98	8	33	.2	16	12	469	2.58	92	5	ND	1	32	.3	32	2	51	3.20	.073	4	9	.09	74	.01	3	.79	.01	.02	1	8	205
RX 050967	1	57	7	35	.1	21	10	65	7.72	55	5	ND	1	88	.4	7	2	75	.30	.094	4	23	.12	291	.01	6	.91	.05	.07	1	47	4300
RX 050968	1	38	5	57	.1	23	13	495	5.09	24	5	ND	1	95	.4	2	2	60	1.32	.060	10	21	.53	44	.01	7	.69	.03	.14	1	3	250
RX 050969	1	26	3	36	.1	26	10	450	4.04	67	5	ND	1	174	.5	5	2	62	3.14	.063	15	14	1.25	119	.01	8	.63	.04	.09	1	1	435
RX 050970	1	52	4	37	.1	37	18	468	5.49	111	5	ND	1	178	.8	2	2	38	2.08	.032	11	11	.91	58	.01	7	.62	.02	.13	1	12	2750
RX 050971	1	20	8	59	.1	15	9	583	4.29	58	5	ND	1	203	.5	2	2	40	5.92	.039	7	15	1.23	41	.01	5	.57	.01	.11	1	3	580
RX 050972	1	26	2	75	.1	14	10	809	3.76	9	5	ND	1	77	.4	2	2	61	2.28	.086	4	17	1.36	173	.13	7	2.36	.10	.05	1	1	55
RX 050973	1	50	5	74	.2	28	19	369	3.31	3	5	ND	1	113	.8	2	2	80	3.17	.030	4	26	.60	268	.24	6	3.69	.05	.08	1	7	230
RX 050974	1	23	6	51	.1	18	15	929	5.03	237	5	ND	2	110	.6	3	2	37	8.69	.035	9	14	.10	125	.01	3	.63	.01	.06	1	2	305
RX 050975	1	24	7	60	.1	18	11	765	3.44	27	5	ND	1	104	.4	2	2	48	6.46	.037	9	16	.22	62	.01	4	.57	.02	.08	1	4	200
RX 050976	1	25	3	32	.1	9	9	552	3.25	6	5	ND	4	78	.6	2	2	66	.86	.047	6	17	.94	104	.15	9	1.50	.07	.09	1	1	270
RX 050977	1	60	3	43	.1	9	11	697	2.99	4	5	ND	3	79	.6	2	2	53	2.73	.053	12	16	.86	1308	.02	2	1.21	.06	.08	1	4	260
RX 050978	1	12	2	34	.1	17	10	236	1.93	30	5	ND	1	85	.4	2	2	74	1.46	.199	26	32	.52	75	.01	7	2.07	.26	.05	1	10	100
RX 050979	1	28	2	57	.1	39	13	727	2.85	41	5	ND	1	147	.4	2	2	54	2.07	.009	2	20	.27	59	.01	6	.74	.01	.04	1	7	1450
RX 050980	1	46	4	52	.1	26	11	790	2.76	21	5	ND	1	149	.5	2	2	48	4.08	.003	2	11	.58	55	.02	5	.59	.01	.02	1	1	3650
RX 050981	2	40	9	61	.1	16	6	236	6.52	19	5	ND	1	47	.8	2	2	96	.61	.036	5	30	.89	72	.25	5	2.71	.02	.11	1	3	50
RX 050982	1	35	5	77	.1	14	10	956	6.44	2	5	ND	1	53	1.0	2	2	72	.57	.066	10	17	1.22	124	.12	2	2.43	.03	.12	1	1	30
RX 050983	1	64	4	137	.1	24	16	514	5.95	30	5	ND	1	103	.8	2	2	100	.94	.083	5	33	.52	30	.01	5	.86	.02	.05	1	1	385
STANDARD C/AU-R	18	59	39	132	7.1	70	31	1045	3.95	40	18	6	39	52	17.0	16	20	55	.48	.089	39	59	.88	177	.09	31	1.88	.06	.15	11	470	1650

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUL 22 1991 DATE REPORT MAILED: July 26/91 SIGNED BY. . . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
RX 050984	1	43	8	80	.4	28	20	612	4.39	16	5	ND	3	138	.4	6	5	68	1.54	.073	10	32	1.74	109	.04	14	4.25	.02	.08	5	2	40
RX 050985	1	56	3	66	.2	19	17	631	4.34	31	5	ND	1	174	.2	2	2	81	4.31	.055	4	13	1.29	29	.01	6	.62	.01	.10	1	8	825
RX 050986	1	42	2	95	.2	28	16	601	4.28	5	5	ND	1	382	.3	2	2	72	2.79	.066	8	33	1.39	69	.20	3	5.33	.03	.12	2	3	35

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Inco Expl. & Tech. Services File # 91-2807

2690 - 666 Burrard St., Vancouver BC V6C 2X8 Submitted by: MARK SLAUENWHITE

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
RX 050987	1	8	18	9	.2	2	1	25	.39	147	5	ND	1	20	.2	23	2	1	.08	.002	6	2	.03	44	.01	4	.32	.04	.06	1	40
RX 050988	1	12	13	27	.3	4	8	311	9.31	28	5	ND	1	25	.4	2	2	8	.38	.190	5	5	.12	43	.01	5	.65	.03	.04	1	19
RX 050989	2	32	33	38	1.1	10	9	532	3.40	50	5	ND	1	188	.2	10	2	36	1.52	.065	3	18	.92	46	.17	4	2.90	.39	.09	1	28
RX 050990	1	287	3	40	.3	25	25	428	7.72	43	5	ND	1	70	.2	6	3	122	.70	.067	4	76	2.30	24	.11	2	2.91	.07	.08	1	7
RX 050991	1	20	4	39	.2	9	9	294	2.40	28	5	ND	1	157	.2	5	2	19	1.06	.064	4	10	.48	62	.07	3	2.29	.24	.13	1	1
RX 050992	1	30	5	9	.1	16	7	162	2.54	53	5	ND	1	56	.2	9	2	55	1.59	.018	2	20	.58	73	.01	2	.33	.01	.02	1	4

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE.

DATE RECEIVED: JUL 24 1991 **DATE REPORT MAILED:** July 30/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

APPENDIX B

OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

ABBREVIATIONS

DATA LOG

Clast:

Size of Clast:
- G: Granules
- P: Pebbles
- C: Cobbles
- BL: Boulder Chips
- BK: Bedrock Chips

% Clast Composition:
- V/S: Volcanics and Sediments
- GR: Granitics
- LS: Limestone
- OT: Other Lithologies (Refer to Footnotes)
- TR: Only Trace Present
- NA: NOT APPLICABLE
- OX: Oxidized

Class:
- BLD: Boulder Chips
- BDK: Bedrock Chips

Matrix:

S/U: Sorted or Unsorted

SD: Sand	Y: Yes Fraction Present	F: Fine
ST: Silt	N: Fraction Not Present	M: Medium
CY: Clay	L: Lumps Present	C: Coarse
OR: Organics		

Colour:
- B: Beige
- GY: Grey
- GB: Grey Beige
- GN: Green
- GG: Grey Green
- BN: Brown
- BK: Black
- PP: Purple
- PK: Pink
- OC: Ochre
- DOC: Dark Ochre
- MOC: Medium Ochre
- LOC: Light Ochre

GOLD LOG

Number of Grains:
- T: Number Found on Shaking Table
- P: Number Found After Panning

Thickness:
- C: Calculated Thickness of Grain
- M: Actual Measured Thickness of Grain

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

insx1aug.wr1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
SX-100									
001	7	0	6	1	10.9	191	0	157	34
002	4	2	0	2	11.4	146	112	0	35
003	6	3	3	0	10.3	81	57	23	0
004	0	0	0	0	18.7	0	0	0	0
005	0	0	0	0	9.2	0	0	0	0
006	3	3	0	0	10.2	92	92	0	0
007	4	4	0	0	14.8	516	516	0	0
008	0	0	0	0	7.9	0	0	0	0
009	2	0	1	1	19.1	21	0	20	1
010	5	2	3	0	12.2	4489	4473	15	0
011	2	2	0	0	7.9	1194	1194	0	0
012	2	2	0	0	14.8	94	94	0	0
013	4	2	0	2	15.1	48	18	0	30
014	2	1	1	0	147.5	4	1	3	0
015	6	1	3	2	11.1	388	58	295	35
016	3	1	2	0	5.2	68	37	31	0
017	0	0	0	0	7.5	0	0	0	0
018	0	0	0	0	10.4	0	0	0	0
019	1	0	1	0	9.6	985	0	985	0
020	1	1	0	0	4.3	1148	1148	0	0
021	0	0	0	0	4.5	0	0	0	0
022	2	2	0	0	6.4	830	830	0	0
023	2	1	1	0	10.7	158	18	140	0
024	2	0	0	0	8.2	33	0	0	0
025	0	0	0	0	8.0	0	0	0	0
026	0	1	0	0	11.4	0	17	0	0
027	0	0	0	0	6.7	0	0	0	0
028	0	0	0	0	8.9	0	0	0	0
029	2	0	0	0	9.4	3189	0	0	0
030	0	0	0	0	4.7	0	0	0	0
031	0	2	0	0	5.5	0	5450	0	0
032	0	0	0	0	5.2	0	0	0	0
033	1	0	0	0	6.4	100	0	0	0
034	0	0	0	0	21.4	0	0	0	0
035	0	1	0	0	9.5	0	67	0	0
036	0	0	0	0	8.6	0	0	0	0
037	0	0	0	0	11.2	0	0	0	0

insxlaug.wrl OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 37

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION											CLASS
						M. I. CONC			CLAST				MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
SX-100																					
001	5.6	3.2	2.4	101.6	87.6	14.0	10.9	3.1	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
002	4.8	1.1	3.7	145.5	130.9	14.6	11.4	3.2	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
003	4.2	1.5	2.7	106.0	92.4	13.6	10.3	3.3	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
004	5.4	1.7	3.7	173.6	152.0	21.6	18.7	2.9	C	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
005	4.9	1.8	3.2	157.3	146.5	10.8	9.2	1.6	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
006	5.0	2.0	3.0	127.9	115.5	12.4	10.2	2.2	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
007	5.3	1.6	3.7	150.0	131.9	18.1	14.8	3.3	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
008	4.1	1.1	3.0	152.0	142.8	9.2	7.9	1.3	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
009	6.4	2.6	3.8	252.2	229.7	22.5	19.1	3.4	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
010	4.2	1.5	2.7	142.7	127.3	15.4	12.2	3.2	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
011	5.2	1.5	3.7	148.8	138.5	10.3	7.9	2.4	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
012	5.0	1.9	3.2	177.6	159.4	18.2	14.8	3.4	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
013	5.0	2.0	3.1	194.8	176.3	18.5	15.1	3.4	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
014	4.9	1.9	3.1	281.9	130.5	151.4	147.5	3.9	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
015	5.4	2.9	2.6	78.6	64.4	14.2	11.1	3.1	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
016	4.3	1.0	3.3	155.8	148.8	7.0	5.2	1.8	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
017	4.7	1.6	3.2	119.0	109.8	9.2	7.5	1.7	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
018	5.4	3.2	2.1	223.7	209.3	14.4	10.4	4.0	P	100	NA	NA	NA	S	M,C	Y	Y	DOC	DOC	Y	GRAVEL
019	5.2	2.5	2.8	88.2	76.9	11.3	9.6	1.7	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
020	4.2	1.2	3.1	61.4	54.8	6.6	4.3	2.3	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
021	4.5	1.2	3.4	108.2	101.5	6.7	4.5	2.2	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
022	5.0	2.3	2.7	96.7	88.6	8.1	6.4	1.7	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
023	4.1	2.2	1.9	137.9	124.7	13.2	10.7	2.5	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
024	4.4	1.7	2.7	92.7	82.4	10.3	8.2	2.1	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
025	4.3	1.3	3.0	97.6	87.4	10.2	8.0	2.2	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
026	5.0	2.3	2.7	135.0	121.8	13.2	11.4	1.8	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
027	4.3	1.5	2.8	94.1	86.4	7.7	6.7	1.0	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
028	4.4	1.4	3.0	139.2	128.1	11.1	8.9	2.2	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
029	5.6	1.8	3.9	135.2	123.8	11.4	9.4	2.0	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
030	6.1	1.5	4.6	147.8	142.4	5.4	4.7	0.7	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
031	5.4	1.1	4.4	89.4	82.0	7.4	5.5	1.9	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
032	5.2	1.2	4.0	160.2	153.5	6.7	5.2	1.5	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
033	5.4	1.1	4.3	146.6	138.5	8.1	6.4	1.7	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
034	5.5	1.5	4.0	116.4	84.8	31.6	21.4	10.2	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
035	5.4	0.9	4.5	81.7	69.9	11.8	9.5	2.3	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
036	5.5	1.4	4.2	176.5	165.4	11.1	8.6	2.5	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL
037	5.7	1.8	3.9	146.9	132.4	14.5	11.2	3.3	P	100	NA	NA	NA	U	Y	Y	Y	OC	OC	Y	TILL

_ _D CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

insx1aug.wr1
TOTAL # OF PANNINGS 17

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
SX-100													
001	Y	15 X 15	3 C				1			1			NO SULPHIDES
		25 X 25	5 C				2			2			
		50 X 75	13 C				1		1	2			
		50 X 100	15 C			1				1			
		75 X 75	15 C			1				1			
										7	10.9	191	
002	Y	25 X 25	5 C						1	1			NO SULPHIDES
		50 X 75	13 C						1	1			
		50 X 100	15 C	1						1			
		75 X 75	15 C	1						1			
										4	11.4	147	
003	Y	25 X 25	5 C		1	2				3			NO SULPHIDES
		50 X 50	10 C		1		1			2			
		50 X 75	13 C	1						1			
										6	10.3	81	
004	N	NO VISIBLE GOLD											
005	N	NO VISIBLE GOLD											
006	Y	50 X 50	10 C	1						1			NO SULPHIDES
		50 X 75	13 C	2						2			
										3	10.2	92	
007	Y	50 X 50	10 C		1					1			NO SULPHIDES
		75 X 125	20 C		1					1			
		75 X 150	22 C	1						1			
		100 X 175	27 C	1						1			
										4	14.8	516	
008	N	NO VISIBLE GOLD											
009	Y	25 X 25	5 C					1		1			NO SULPHIDES
		50 X 75	13 C			1				1			
										2	19.1	21	
010	Y	25 X 25	5 C				1			1			NO SULPHIDES

.D CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

insxlaug.wr1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 17

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
SX-100													
		25 X 50	8 C				2			2			LARGEST GOLD GRAINS (WORTH 4235
		100 X 150	25 C	1						1			PPB) REMOVED
		175 X 350	100 M	1						1			
										5	12.2	4489	
011	Y	75 X 75	15 C	1						1			NO SULPHIDES
		100 X 150	75 M	1						1			
										2	7.9	1194	
012	Y	50 X 75	13 C	1						1			NO SULPHIDES
		75 X 100	18 C	1						1			
										2	14.8	94	
013	Y	25 X 50	8 C	1					1	2			NO SULPHIDES
		50 X 50	10 C	1						1			
		50 X 75	13 C						1	1			
										4	15.1	48	
014	Y	50 X 50	10 C		1					1			NO SULPHIDES
		50 X 75	13 C			1				1			
										2	147.5	4	
015	Y	25 X 75	10 C					1		1			NO SULPHIDES
		50 X 50	10 C			2		1		3			
		50 X 100	15 C		1					1			
		100 X 150	25 C				1			1			
										6	11.1	388	
016	Y	25 X 50	8 C			1	1			2			NO SULPHIDES
		50 X 50	10 C	1						1			
										3	5.2	68	
017	N	NO VISIBLE GOLD											
018	N	NO VISIBLE GOLD											
019	N	150 X 225	36 C			1				1			GOLD GRAIN REMOVED

CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

insx1aug.wr1

TOTAL # OF PANNINGS 17

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
SX-100													
										1	9.6	985	
020	N	150 X 150	29 C	1						1			
										1	4.3	1148	
021	N	NO VISIBLE GOLD											
022	Y	50 X 75	13 C	1						1			NO SULPHIDES
		150 X 150	29 C	1						1			
										2	6.4	830	
023	Y	50 X 50	10 C	1						1			NO SULPHIDES
		100 X 100	20 C			1				1			
										2	10.7	158	
024	Y	25 X 50	8 C	1						1			NO SULPHIDES
		50 X 50	10 C	1						1			
										2	8.2	33	
025	N	NO VISIBLE GOLD											
026	N	NO VISIBLE GOLD											
027	N	NO VISIBLE GOLD											
028	N	NO VISIBLE GOLD											
029	Y	100 X 100	20 C	1						1			NO SULPHIDES
		200 X 250	75 M	1						1			LARGEST GOLD GRAIN (WORTH 3029 PPB) REMOVED
										2	9.4	3189	
030	N	NO VISIBLE GOLD											
031	N	NO VISIBLE GOLD											
032	N	NO VISIBLE GOLD											
033	N	75 X 75	15 C	1						1			
										1	6.4	100	

.D CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

insxlaug.wr1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 17

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
SX-100													
034	N	NO VISIBLE GOLD											
035	N	NO VISIBLE GOLD											
036	N	NO VISIBLE GOLD											
037	N	NO VISIBLE GOLD											

Bondar-Clegg & Company Ltd.
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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 091-42326.0 (COMPLETE)

REFERENCE INFO:

CLIENT: INCO EXPLORATION AND TECHNICAL SERVICES INC.
PROJECT: 60519

SUBMITTED BY: ODM
DATE PRINTED: 3-SEP-91

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Al	Aluminum	37	0.01 PCT	HCL-HNO3, (3:1)	Ind. Coupled Plasma
2	Fe Tot	Total Iron	37	0.01 PCT	HCL-HNO3, (3:1)	Ind. Coupled Plasma
3	Mn	Manganese	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
4	Mg	Magnesium	37	0.01 PCT	HCL-HNO3, (3:1)	Ind. Coupled Plasma
5	Ca	Calcium	37	0.01 PCT	HCL-HNO3, (3:1)	Ind. Coupled Plasma
6	Na	Sodium	37	0.01 PCT	HCL-HNO3, (3:1)	Ind. Coupled Plasma
7	K	Potassium	37	0.01 PCT	HCL-HNO3, (3:1)	Ind. Coupled Plasma
8	Sc	Scandium	37	5 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
9	V	Vanadium	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
10	Cr	Chromium	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
11	Co	Cobalt	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
12	Ni	Nickel	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
13	Cu	Copper	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
14	Zn	Zinc	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
15	As	Arsenic	37	5 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
16	Sr	Strontium	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
17	Y	Yttrium	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
18	Mo	Molybdenum	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
19	Ag	Silver	37	0.2 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
20	Cd	Cadmium	37	0.2 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
21	Sn	Tin	37	20 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
22	Sb	Antimony	37	5 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
23	Te	Tellurium	37	10 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
24	Ba	Barium	37	2 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
25	La	Lanthanum	37	1 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
26	W	Tungsten	37	20 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
27	Pb	Lead	37	2 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
28	Bi	Bismuth	37	5 PPM	HCL-HNO3, (3:1)	Ind. Coupled Plasma
29	Hg	Mercury	37	5 PPB	HNO3-HCL-SNCL2	Cold Vapour AA
30	Au	Gold	37	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
31	Testwt	Fire Assay Test Wt.	37	gms		

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DATE PRINTED: 3-SEP-91

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	37	-200	37	Pulverizing	37

REPORT COPIES TO: MR. D. MARK SLAUENWHITE
FAX:(604) 669-6901

INVOICE TO: MR. D. MARK SLAUENWHITE

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Geochemical Lab Report

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DATE PRINTED: 3-SEP-91
PROJECT: 60519 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe Tot PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
SX-100001		1.04	>10.00	844	4.48	1.41	0.06	0.03	6	265	143	43
SX-100002		1.08	>10.00	1068	5.32	1.62	0.06	0.03	6	290	145	43
SX-100003		1.10	>10.00	1069	5.94	1.57	0.06	0.03	7	262	162	55
SX-100004		0.76	>10.00	1020	7.12	1.05	0.06	0.03	5	185	119	57
SX-100005		1.02	>10.00	1111	6.94	1.57	0.07	0.03	7	217	166	53
SX-100006		0.78	>10.00	1136	7.47	1.12	0.06	0.03	5	175	143	60
SX-100007		0.73	>10.00	1170	8.32	1.02	0.06	0.03	6	159	134	72
SX-100008		1.37	9.59	924	3.34	2.08	0.07	0.04	8	290	156	28
SX-100009		0.93	>10.00	912	5.86	1.27	0.06	0.03	6	263	123	47
SX-100010		1.02	>10.00	936	5.35	1.43	0.06	0.03	6	271	131	47
SX-100011		1.14	>10.00	1089	6.33	1.64	0.07	0.03	7	238	169	54
SX-100012		1.04	>10.00	789	4.07	1.38	0.06	0.04	6	280	125	40
SX-100013		1.15	>10.00	702	2.86	1.51	0.07	0.03	6	296	118	33
SX-100014		0.95	>10.00	724	3.49	1.29	0.07	0.04	5	312	117	35
SX-100015		1.15	>10.00	899	4.09	1.55	0.07	0.04	7	341	160	42
SX-100016		1.26	>10.00	1054	5.81	1.93	0.08	0.04	8	267	207	47
SX-100017		1.49	>10.00	996	3.75	2.13	0.07	0.05	8	351	183	41
SX-100018		0.92	>10.00	1101	7.77	1.18	0.07	0.03	5	195	149	63
SX-100019		1.07	9.90	865	5.14	1.57	0.07	0.04	6	236	147	42
SX-100020		1.18	>10.00	1082	5.06	1.76	0.09	0.04	9	316	234	40
SX-100021		1.52	>10.00	1307	6.07	2.12	0.08	0.06	9	390	235	61
SX-100022		1.62	>10.00	951	4.56	2.32	0.07	0.04	7	315	177	44
SX-100023		1.24	>10.00	768	2.75	1.77	0.07	0.03	7	314	155	33
SX-100024		1.24	>10.00	915	4.09	1.88	0.07	0.04	7	312	150	42
SX-100025		1.18	>10.00	980	4.90	1.78	0.07	0.03	8	285	159	45
SX-100026		1.03	>10.00	764	4.28	1.44	0.06	0.03	6	307	133	34
SX-100027		1.85	9.50	849	4.03	2.68	0.06	0.04	7	231	162	37
SX-100028		1.30	>10.00	894	3.79	1.79	0.07	0.04	7	349	158	42
SX-100029		1.26	>10.00	1032	5.35	1.91	0.07	0.04	7	308	171	46
SX-100030		1.46	9.52	1052	4.16	2.39	0.08	0.04	8	280	217	32
SX-100031		0.90	>10.00	1527	8.20	1.45	0.08	0.04	7	221	212	74
SX-100032		1.05	>10.00	1358	7.57	1.65	0.08	0.04	7	227	211	67
SX-100033		1.02	>10.00	1351	8.02	1.57	0.07	0.04	7	210	200	72
SX-100034		0.56	>10.00	1393	8.96	0.86	0.07	0.03	<5	162	148	80
SX-100035		0.57	>10.00	1570	9.68	0.91	0.07	0.03	5	137	192	90
SX-100036		0.52	>10.00	1401	9.02	0.83	0.07	0.03	<5	125	154	78
SX-100037		0.61	>10.00	1457	9.31	0.98	0.07	0.03	5	131	154	82

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Geochemical Lab Report

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DATE PRINTED: 3-SEP-91
PROJECT: 60519 PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM
SX-100001		146	53	71	31	109	9	<1	0.7	<0.2	<20	13
SX-100002		169	47	82	5	112	14	<1	0.6	<0.2	<20	<5
SX-100003		202	54	94	13	106	11	<1	0.6	<0.2	<20	<5
SX-100004		257	35	94	<5	66	7	<1	0.5	<0.2	<20	<5
SX-100005		252	32	84	<5	100	10	<1	6.7	0.3	<20	<5
SX-100006		290	33	95	11	68	9	<1	0.6	<0.2	<20	<5
SX-100007		353	45	108	14	64	9	<1	0.4	<0.2	<20	<5
SX-100008		95	38	59	<5	143	13	<1	0.6	0.4	<20	6
SX-100009		189	42	77	8	87	7	<1	0.6	<0.2	<20	<5
SX-100010		172	46	79	13	97	9	<1	0.5	<0.2	<20	<5
SX-100011		226	43	85	10	107	11	<1	0.6	1.0	<20	<5
SX-100012		129	47	101	12	95	8	<1	0.3	1.0	<20	<5
SX-100013		87	45	55	14	109	7	<1	0.9	<0.2	<20	<5
SX-100014		105	47	57	9	90	7	<1	0.6	<0.2	<20	<5
SX-100015		126	50	70	12	98	9	<1	0.7	<0.2	<20	<5
SX-100016		190	44	84	10	123	12	<1	1.0	0.3	<20	<5
SX-100017		116	57	76	10	138	12	<1	0.8	0.5	<20	<5
SX-100018		299	39	91	11	74	7	1	0.7	<0.2	<20	<5
SX-100019		159	39	69	<5	109	7	<1	0.5	<0.2	<20	<5
SX-100020		164	38	93	<5	109	10	<1	0.6	0.2	<20	<5
SX-100021		222	75	120	17	123	12	<1	0.8	0.6	26	<5
SX-100022		148	48	75	23	150	9	<1	0.6	<0.2	<20	<5
SX-100023		86	44	57	5	126	8	<1	0.7	0.5	<20	<5
SX-100024		125	45	67	9	133	10	<1	0.8	<0.2	<20	<5
SX-100025		150	45	72	10	122	11	<1	0.6	<0.2	<20	<5
SX-100026		121	38	61	<5	95	6	<1	0.5	<0.2	24	<5
SX-100027		122	48	78	23	156	9	<1	0.3	<0.2	<20	6
SX-100028		114	62	71	10	120	9	<1	0.7	<0.2	<20	<5
SX-100029		179	44	72	<5	124	11	<1	0.6	<0.2	<20	<5
SX-100030		125	42	70	<5	140	12	<1	0.7	<0.2	<20	<5
SX-100031		335	48	127	<5	79	13	<1	0.7	<0.2	<20	<5
SX-100032		290	52	117	9	99	12	<1	0.7	<0.2	<20	<5
SX-100033		322	48	126	<5	95	12	<1	0.6	0.5	26	<5
SX-100034		387	36	120	8	40	10	<1	0.6	<0.2	<20	<5
SX-100035		436	42	155	<5	45	9	1	0.6	<0.2	<20	<5
SX-100036		400	27	121	<5	41	8	<1	0.4	0.6	<20	<5
SX-100037		400	41	140	<5	51	10	<1	0.5	<0.2	<20	<5

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB	Au PPB	Testwt gms
SX-100001		<10	21	31	<20	9	<5	511	81	8.94
SX-100002		<10	23	38	<20	3	<5	153	29	9.64
SX-100003		<10	22	30	<20	4	<5	366	78	8.21
SX-100004		<10	17	20	<20	<2	<5	265	66	10.38
SX-100005		<10	19	31	<20	<2	<5	167	129	7.12
SX-100006		<10	22	25	<20	<2	<5	162	151	8.61
SX-100007		<10	18	25	<20	<2	<5	279	524	10.07
SX-100008		<10	24	29	<20	2	<5	92	162	6.19
SX-100009		<10	17	21	<20	<2	<5	223	92	10.03
SX-100010		<10	20	22	<20	3	<5	306	1175	10.01
SX-100011		<10	19	30	<20	3	<5	356	1289	5.85
SX-100012		<10	18	18	<20	16	<5	163	1287	10.08
SX-100013		<10	20	16	<20	8	<5	167	416	10.14
SX-100014		<10	22	15	<20	4	<5	292	418	10.33
SX-100015		<10	24	25	<20	5	<5	232	489	9.30
SX-100016		<10	24	27	<20	<2	<5	190	50	3.60
SX-100017		<10	23	29	<20	8	<5	525	115	5.72
SX-100018		<10	25	22	<20	<2	<5	59	264	8.61
SX-100019		<10	20	16	<20	<2	<5	108	52	7.73
SX-100020		<10	23	27	<20	<2	<5	177	62	2.40
SX-100021		<10	31	38	<20	6	<5	109	60	2.52
SX-100022		<10	21	23	<20	14	<5	216	336	4.41
SX-100023		<10	19	22	<20	8	<5	53	736	8.59
SX-100024		<10	21	26	<20	7	<5	205	127	5.82
SX-100025		<10	18	32	<20	4	<5	229	114	6.13
SX-100026		<10	20	15	<20	4	<5	268	96	8.90
SX-100027		<10	16	20	<20	18	<5	94	169	5.08
SX-100028		<10	22	21	<20	9	<5	260	98	7.12
SX-100029		<10	19	30	<20	4	<5	315	870	7.51
SX-100030		<10	19	30	<20	3	<5	628	647	3.34
SX-100031		<10	70	36	<20	<2	<5	195	215	4.09
SX-100032		<10	23	34	<20	<2	<5	107	93	3.65
SX-100033		<10	22	30	<20	<2	<5	85	169	4.62
SX-100034		<10	53	25	<20	<2	<5	114	284	10.47
SX-100035		<10	20	22	<20	<2	<5	36	23	7.72
SX-100036		<10	16	22	<20	<2	<5	52	17	6.04
SX-100037		<10	22	25	<20	<2	<5	28	8	8.84

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STANDARD NAME / ELEMENT UNITS	Al PCT	Fe Tot PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
BCC CHEMICAL BLANK	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
BCC CHEMICAL BLANK	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
Number of Analyses	2	2	2	2	2	2	2	2	2	2	2
Mean Value	0.005	0.005	0.5	0.005	0.005	0.005	0.005	2.5	0.5	0.5	0.5
Standard Deviation	0.0000	0.0000	0.00	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00
Accepted Value	-	-	-	-	-	-	-	-	-	-	-
BCC ROCK PULP 1989-1	-	-	-	-	-	-	-	-	-	-	-
BCC ROCK PULP 1989-1	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	4.50	450	-	-	-	-	-	85	100	7
BCC Standard GS89-3	0.76	2.98	679	3.02	1.58	0.09	0.15	<5	8	74	9
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1
Mean Value	0.764	2.978	678.7	3.021	1.583	0.095	0.150	2.5	8.0	73.9	9.5
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	2.42	650	-	-	-	-	-	10	-	11
CANMET GOLD ORE STD	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-
BCC ROCK PULP 1989-2	5.40	5.01	935	7.25	4.74	0.41	0.23	<5	36	159	48
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1
Mean Value	5.397	5.012	934.5	7.245	4.744	0.415	0.227	2.5	35.8	159.5	47.5
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	5.00	800	-	-	-	-	-	-	180	45

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STANDARD NAME / ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM
BCC CHEMICAL BLANK	<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5
BCC CHEMICAL BLANK	<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5
Number of Analyses	2	2	2	2	2	2	2	2	2	2	2
Mean Value	0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.10	0.10	10.0	2.5
Standard Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.00	0.00
Accepted Value	-	-	-	-	-	-	-	-	-	-	-
BCC ROCK PULP 1989-1	-	-	-	-	-	-	-	-	-	-	-
BCC ROCK PULP 1989-1	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	14	190	62	8	220	10	17	34.0	-	5	7
BCC Standard GS89-3	49	276	280	28	41	3	3	0.6	0.6	<20	<5
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1
Mean Value	48.8	276.2	280.2	28.0	41.3	2.9	3.3	0.60	0.57	10.0	2.5
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	45	290	260	30	-	-	4	0.5	0.8	-	1
CANMET GOLD ORE STD	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-
BCC ROCK PULP 1989-2	656	828	566	298	87	5	723	5.2	2.1	<20	32
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1
Mean Value	656.1	827.8	566.1	298.0	87.2	5.2	723.0	5.20	2.08	10.0	32.3
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	750	500	320	-	-	650	4.2	2.0	-	70

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STANDARD NAME / ELEMENT UNITS	Te PPM	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB	Au PPB	Testwt gms
BCC CHEMICAL BLANK	<10	<2	<1	<20	<2	<5	<5	<5	-
BCC CHEMICAL BLANK	<10	<2	<1	<20	<2	<5	<5	-	-
Number of Analyses	2	2	2	2	2	2	2	1	-
Mean Value	5.0	1.0	0.5	10.0	1.0	2.5	2.5	2.5	-
Standard Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
Accepted Value	-	-	-	-	-	-	-	-	-
BCC ROCK PULP 1989-1	-	-	-	-	-	-	28	-	-
BCC ROCK PULP 1989-1	-	-	-	-	-	-	23	-	-
Number of Analyses	-	-	-	-	-	-	2	-	-
Mean Value	-	-	-	-	-	-	25.5	-	-
Standard Deviation	-	-	-	-	-	-	3.54	-	-
Accepted Value	-	-	-	-	15	-	53	-	-
BCC Standard GS89-3	<10	62	6	<20	30	<5	-	-	-
Number of Analyses	1	1	1	1	1	1	-	-	-
Mean Value	5.0	62.3	5.8	10.0	30.2	2.5	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	32	-	35	-	-
CANMET GOLD ORE STD	-	-	-	-	-	-	-	343	10.06
Number of Analyses	-	-	-	-	-	-	-	1	1
Mean Value	-	-	-	-	-	-	-	342.9	10.060
Standard Deviation	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	350	-
BCC ROCK PULP 1989-2	<10	256	12	<20	275	<5	-	-	-
Number of Analyses	1	1	1	1	1	1	-	-	-
Mean Value	5.0	256.3	12.0	10.0	274.7	2.5	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	250	4	3550	-	-

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SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe Tot PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
SX-100001		1.04	>10.00	844	4.48	1.41	0.06	0.03	6	265	143	43
Duplicate		1.11	>10.00	902	4.67	1.56	0.07	0.04	7	281	147	45
SX-100007		0.73	>10.00	1170	8.32	1.02	0.06	0.03	6	159	134	72
Duplicate												
SX-100009		0.93	>10.00	912	5.86	1.27	0.06	0.03	6	263	123	47
Duplicate												
SX-100011		1.14	>10.00	1089	6.33	1.64	0.07	0.03	7	238	169	54
Duplicate		1.14	>10.00	1104	6.39	1.66	0.06	0.03	7	239	171	53
SX-100024		1.24	>10.00	915	4.09	1.88	0.07	0.04	7	312	150	42
Duplicate												
SX-100034		0.56	>10.00	1393	8.96	0.86	0.07	0.03	<5	162	148	80
Duplicate												
SX-100037		0.61	>10.00	1457	9.31	0.98	0.07	0.03	5	131	154	82
Duplicate		0.64	>10.00	1433	9.07	1.01	0.07	0.03	5	131	149	79

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SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM
SX-100001		146	53	71	31	109	9	<1	0.7	<0.2	<20	13
Duplicate		151	54	75	30	116	10	<1	1.8	0.4	<20	10
SX-100007		353	45	108	14	64	9	<1	0.4	<0.2	<20	<5
Duplicate												
SX-100009		189	42	77	8	87	7	<1	0.6	<0.2	<20	<5
Duplicate												
SX-100011		226	43	85	10	107	11	<1	0.6	1.0	<20	<5
Duplicate		224	42	84	8	107	11	<1	5.5	0.5	<20	<5
SX-100024		125	45	67	9	133	10	<1	0.8	<0.2	<20	<5
Duplicate												
SX-100034		387	36	120	8	40	10	<1	0.6	<0.2	<20	<5
Duplicate												
SX-100037		400	41	140	<5	51	10	<1	0.5	<0.2	<20	<5
Duplicate		383	41	135	6	54	10	4	0.5	<0.2	<20	<5

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SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB	Au PPB	Testwt gms
SX-100001		<10	21	31	<20	9	<5	511	81	8.94
Duplicate		<10	21	31	<20	8	<5			
SX-100007		<10	18	25	<20	<2	<5	279	524	10.07
Duplicate								276		
SX-100009		<10	17	21	<20	<2	<5	223	92	10.03
Duplicate									58	7.10
SX-100011		<10	19	30	<20	3	<5	356	1289	5.85
Duplicate		<10	19	29	<20	3	<5			
SX-100024		<10	21	26	<20	7	<5	205	127	5.82
Duplicate								133		
SX-100034		<10	53	25	<20	<2	<5	114	284	10.47
Duplicate									50	9.15
SX-100037		<10	22	25	<20	<2	<5	28	8	8.84
Duplicate		<10	22	25	<20	<2	<5			

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,752

MT 8 3416
MT 6 2980
MT 10 3418
MT 11 3419
MT 7 3415
MT 5 2979
MT 9 3417
MT 1 2955
MT 2 2956
MT 3 2957
MT 4 2958
MT. TOM

Sx-074653
Sx-074652 (50)
Sx-074651
Sx-074506
Sx-050979,980
Sx-074650
Sx-074649
Sx-074721
Sx-074722
Sx-074702
Sx-074703
Sx-074701 (58)

(264) Sx-100018
(1) (52) Sx-100019
(1) (62) Sx-100020
Sx-100017 (115)
(7 ppb Au) Rx-050990
(3) (50) Sx-100016
(60) Sx-100021
RX-050991
(2) (336) Sx-100022
(2) (169) Sx-100027
(6) Sx-100015 (489)
(2) Sx-100014 (418)
(4) Sx-100013 (416)
(2) Sx-100012 (1287)
Rx-050989 (28 ppb Au)
(2) (92) Sx-100009
(524) Sx-100007
(4) (162) Sx-100008
Sx-100034 (284) (1)
Sx-100030 (647)
(3) Sx-100006 (151)
(66) Sx-100004
Rx-047148-53
(6) Sx-100003 (78)
(4) (29) Sx-100002
Rx-050908
Rx-050907
(2) Sx-100001 (81)
Sx-100035 (23)
Sx-100031 (215)
Sx-100036 (17)
Sx-100032 (93)
Sx-100037 (8)
Sx-100033 (1) (169)
Sx-100011 (1289) (2)
Sx-100010 (1175) (5)
Sx-100005 (129)
(98) Sx-100028
(870) Sx-100029 (2)
(96) Sx-100026
(736) Sx-100023 (2)
(27) Sx-100024 (2)
(14) Sx-100025
Sx-100018

Rx-050978
Rx-050977
Rx-050976
Rx-050989 (28 ppb Au)
Rx-050990
Rx-050991
Rx-050905
Rx-050906
Rx-050907
Rx-050908
Rx-050909
Rx-050910,11,12
Rx-050913
Rx-050914,15,16
Rx-050917
Rx-050903
Rx-050902
Rx-050901
Rx-050904
Rx-050905
Rx-050906
Rx-050907
Rx-050908
Rx-050909
Rx-050910,11,12
Rx-050913
Rx-050914,15,16
Rx-050917
Rx-050950,2,3,4
Rx-050948
Rx-050955
Rx-050956
Rx-050957
Rx-050958,9
Rx-050960
Rx-050961,2
Rx-050963,4,5
Rx-050966
Rx-050967 (47ppb Au)
Rx-050968
Rx-050969,70
Rx-050971
Rx-050972
Rx-050973
Rx-050974,5
Rx-050978
Rx-050981
Rx-050982
Rx-050983,84
Rx-050985
Rx-050986
Rx-047146
Rx-047147
Rx-047148-53
Rx-047341
Rx-047342
Rx-047343
Rx-047344
Rx-047345,346
Rx-047348
Rx-047349
Rx-047350
Rx-047351
Rx-047352
Rx-047353
Rx-047354
Rx-047355

ARG
see Figure 4
CAMP
To Sky Ranch
4X4 JEEP ROAD
NADINA CREEK
BEAR CREEK
WEST CREEK
HUNGRY VALLEY THRUST FAULT

SYMBOLS

- Geological Contact (defined, approximate, gradational)
- Bedding (dipping, vertical)
- Fault (defined, approximate, assumed)
- Outcrop
- Slickenslides (plunging, vertical)
- Carbonate veining or Breccia
- Till Bank >3m
- Anticline Syncline
- Thrust Fault
- I.P. Anomaly (1980)
- Fault Zone Hosting Calcite Void Filling and Carbonitization
- Legal Claim Post
- (45) Rx-035418 — Rock Sample Location Outcrop (1991) (ppb Au >5)
- (30) Rx-035320 — Rock Sample Location Float (1991) (ppb Au >5)
- (1) Sx-415316 — Till Sample Location (1991) and number of gold grains (1) (ppb Au)
- (42) Sx-100016 — Stream Sediment Sample (1990) (ppb Au >5)
- Rx-035418 — Rock Sample Location (1990) (ppb Au >30)
- Soil Sample Location (1989) (ppb Au >50)

LEGEND

TERTIARY

11 PLATEAU BASALT
Dark gray to marroon highly vesicular and locally brecciated.

10 FELDSPAR PORPHYRY
Consists of up to 40% feldspar phenocrysts ranging up to 0.5cm in length within a light gray/marroon aphenitic groundmass.

9 DIATREME
Dark gray green, with predominantly f.g. sub-rounded volcanic porphyry fragments up to 10cm across, within a porphyritic matrix. Matrix clast ratio 40/60.

8 GRANODIORITE
Medium to coarse grained, moderate to strongly chlorite altered.

UPPER CRETACEOUS
KINGSVALE GROUP

7 ARGILLITE
Dark gray to black, very fine grained.

6 SILTSTONE
Fine grained massive, often with thin laminations of argillite.

5 SANDSTONE
Fine to coarse grained with occasional narrow pebble rich beds. Organic debris rich horizons and rare thin beds of graphitic argillite occur locally.

LOWER CRETACEOUS
JACKASS MOUNTAIN GROUP

4 SILTSTONE/ARGILLITE
Fine grained, highly indurated, massive and dark gray.

3 GREYWACKE
Medium to dark gray medium to locally coarse grained generally massive with poorly developed bedding. Rare thin argillite and pebble conglomerate beds.

2 CONGLOMERATE
Coarse grained boulder conglomerate with predominately granite clasts up to 50 cm across.

JURASSIC

1 ANDESITE
Dark to medium grey/green andesite with local epidote alteration and quartz stringers.

0 200 400 600 800 1000 metres
SCALE 1:10000

INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: MOUNT TOM | AREA: Hanzeville, Clinton MD B.C.

MOUNT TOM PROPERTY GEOLOGY COMPILATION AND SAMPLE LOCATION MAP

Supervisor: Phil Rush	Instrument:	Survey date:	
Compiled by: Mark Slauenwhite	Drawn by: I.CASIDY	Date drawn: Jan 11/91	Revised: Oct 16/91
Scale: 1:10000	N.T.S.: 920-6E	Figure: 3	