GEOCHEMICAL, GEOLOGICAL, GEOPHYSICAL and ~~DIAMOND DRILLING~~

ASSESSMENT REPORT

ON THE

BANDIT PROPERTY

ATLIN MINING DIVISION
NTS: 104K/01W
LONG: 132°16'W LAT: 58°04'N

Owned & Operated By:

North American Metals Corp.
1000-700 West Pender Street,
Vancouver, B.C.

Andrew P. Hamilton

October 1994

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1.0 INTRODUCTION

The BANDIT property consists of thirteen contiguous mineral claims, staked between 1981 and 1993. They are 100% owned by North American Metals Corp. which is an 81.4% owned subsidiary of Wheaton River Minerals Ltd. Between the dates of June 28 and August 23, 1994, an exploration program consisting of establishing survey control, soil sampling, rock sampling, geological mapping, geophysics and diamond drilling was carried out on the property.

1.1 SCOPE OF REPORT

This report presents and summarizes the exploration program conducted during the 1994 field season and proposes further exploration in the search for economic gold mineralization. Much of the introductory section of this report is summarized from previous authors. All known reports on the BANDIT property are listed in Section 6.0 of this report.

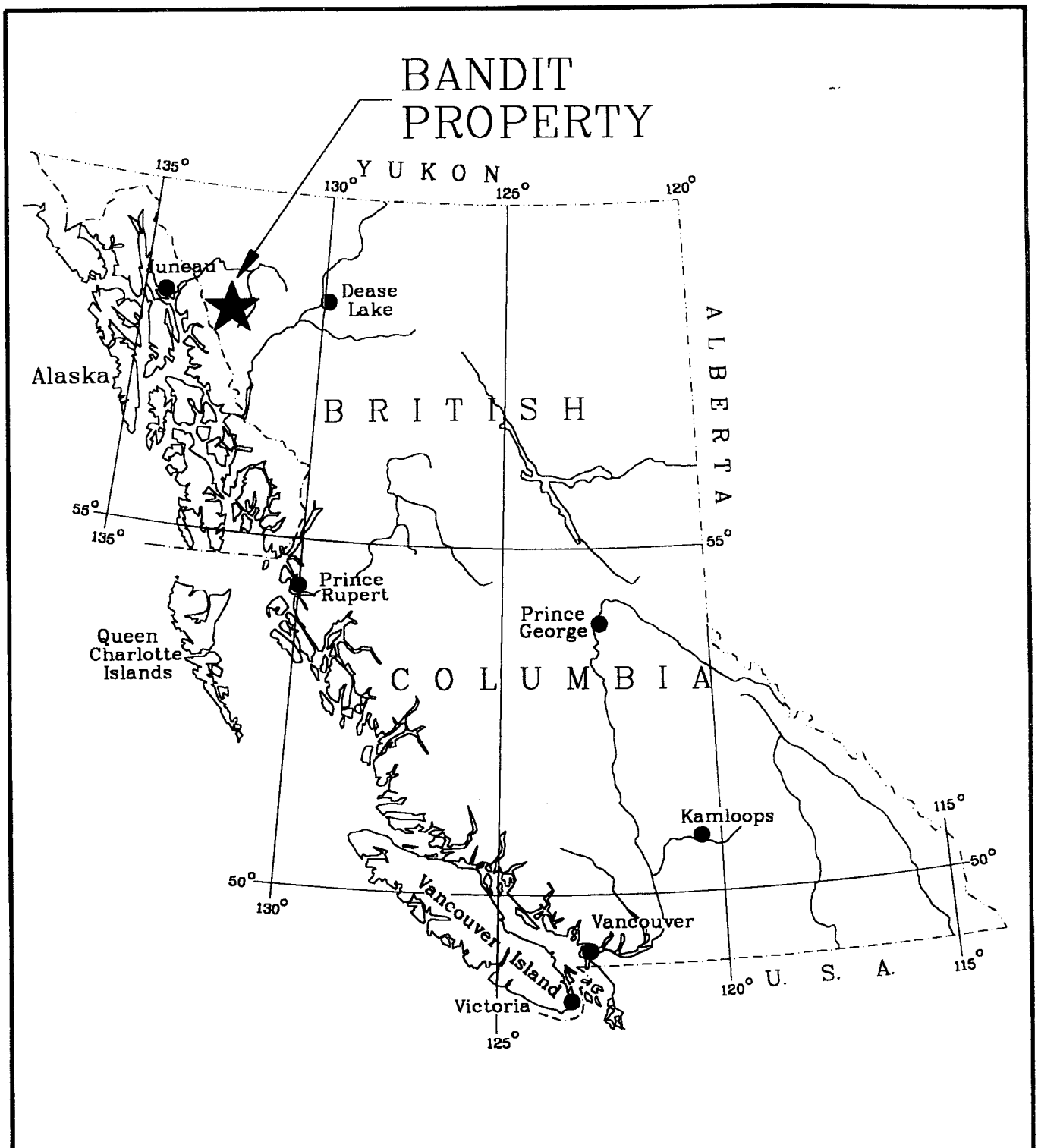
1.2 LOCATION, ACCESS AND PHYSIOGRAPHY

The centre of the BANDIT property is located at 132° 16'W and 58° 04'N on NTS map sheet 104K/01, approximately fifteen kilometres south of the Golden Bear Mine and one hundred thirty-five kilometres west of Telegraph Creek, B.C. (Figure 1). Although the two-wheel drive Golden Bear Mine road passes within eleven kilometres of the northern edge of the property, access can be gained only by helicopter, usually from the Golden Bear Mine or Dease Lake.

The BANDIT property lies within moderately rugged terrain where elevations vary from 1100 meters in Sheep Creek valley to over 2200 meters in the northwest corner of the Bandit 4 claim. Most slopes are talus covered and the property is almost totally devoid of vegetation except in creek valleys where stunted spruce are common. Soil horizons are developed only on the vegetated, lower slopes of Sheep Creek valley, the remainder of the property consists of talus or outcrop. Glaciers and permanent snow are abundant and account for approximately 25% of the total claim area. The climate is typical for a northern mountainous area, abundant snow and freezing temperatures occur for eight months of the year. Despite southern exposed slopes, snow melts slowly and surface exploration can only be conducted between early July and mid September.

1.3 PROPERTY DEFINITION

The property is comprised of thirteen claims totalling one hundred and eighty-two units. All of the claims are located in the Atlin Mining Division and are recorded as listed in Table I and shown in Figure 2 (expiry date assumes



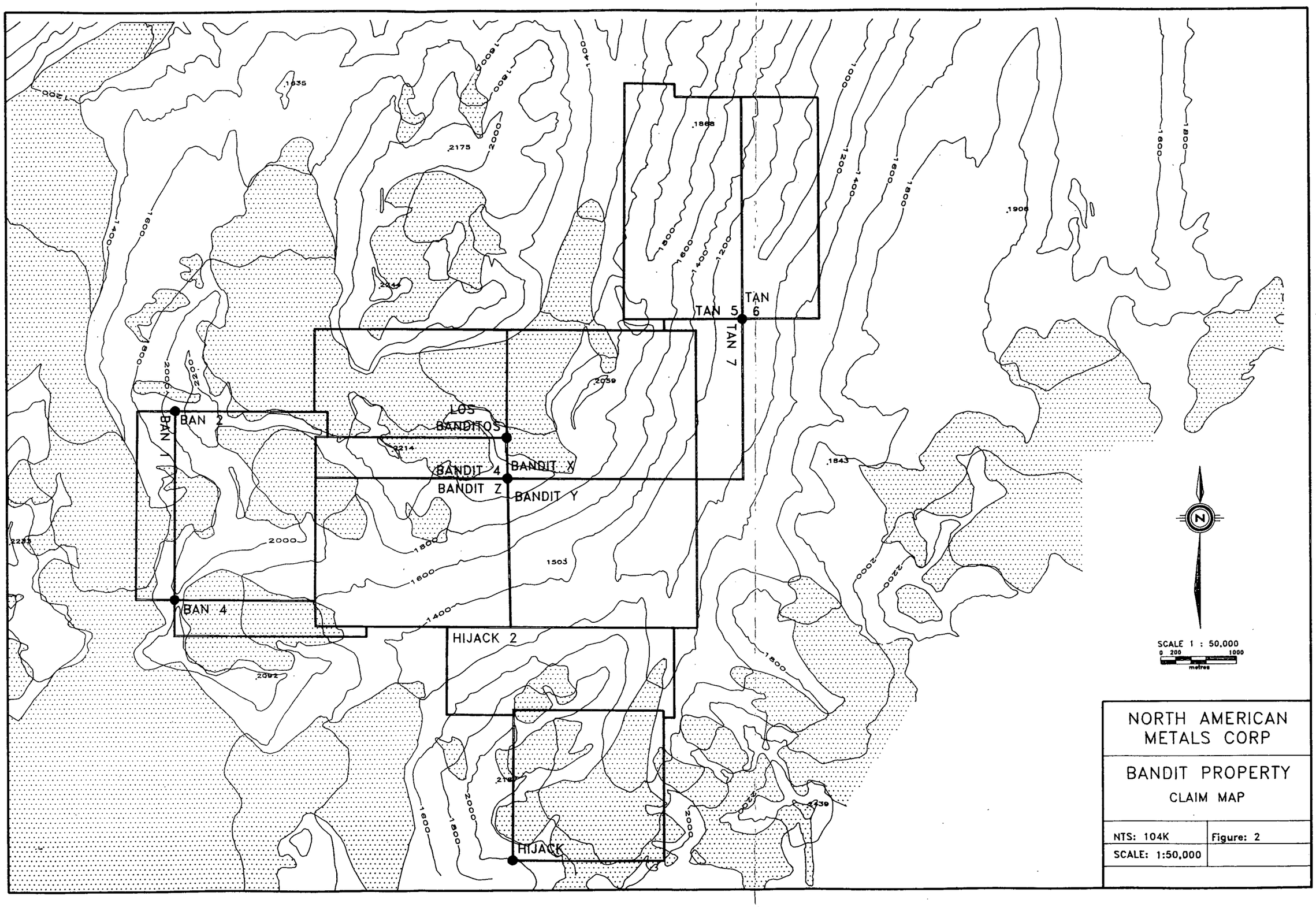
NORTH AMERICAN METALS CORP.

BANDIT PROPERTY

LOCATION MAP

N.T.S.: 104 K

Figure 1


TAN 5
TAN 6
TAN 7
LOS BANDITOS
BANDIT 4
BANDIT X
BANDIT Z
BANDIT Y
BAN 1
BAN 2
BAN 4
HIJACK 2
HIJACK
SCALE 1 : 50,000
0 200 1000
metres
NORTH AMERICAN METALS CORP
BANDIT PROPERTY
CLAIM MAP
NTS: 104K
Figure: 2
SCALE: 1:50,000

acceptance of this report).

TABLE 1: Summary of Claim Status.

CLAIM NAME	RECORD NUMBER	UNITS	RECORD DATE	EXPIRY DATE
Los Banditos	312605	15	Aug. 22,1992	Aug. 22,2000
Bandit Z	203363	20	June 26,1990	June 26,2000
Bandit 4	202027	5	July 4,1983	July 4,2000
Hijack 2	202026	18	July 4,1983	July 4,2000
Ban 1	202596	5	Aug. 24,1988	Aug. 24,2000
Ban 2	202597	20	Aug. 24,1988	Aug. 24,2000
Ban 4	202598	5	Aug. 24,1988	Aug. 24,2000
Bandit X	202945	20	Sept. 23,1989	Sept. 23,1999
Bandit Y	202946	20	Sept. 23,1989	Sept. 23,2000
Tan 5	322813	18	Dec. 3,1993	Dec. 3,2000
Tan 6	322814	12	Dec. 3,1993	Dec. 3,2000
Tan 7	322815	8	Dec. 3,1993	Dec. 3,2000
Hijack W	202951	16	Oct. 1,1989	Oct. 1,2000

1.4 EXPLORATION HISTORY

The BANDIT property was first staked in 1981 by Chevron Minerals Ltd. with the Bandit 1 and 2 claims as a result of a reconnaissance program in the southeastern Tulsequah map area (104K). The property was expanded with the addition of the Bandit 3 and 4, High, Liner and Hijack 1 and 2 claims in 1983.

Chevron completed a program of mapping and rock sampling on the property in 1982 (Shannon, 1982) and followed it up with a more thorough program of detailed structural mapping, rock and soil sampling and trenching in 1983 (Shaw and Thicke, 1983). The High and Liner claims along the northeastern margin of the property were allowed to lapse in 1986. In 1987, Chevron completed a program of heavy mineral talus fine sampling (Moffat and Walton, 1987) and optioned the property to Dia Met Minerals of Kelowna, B.C.

In 1988, Dia Met completed heavy mineral talus fine sampling (Fipke 1988, Fipke and Schiller 1988) and staked the Ban 1, 2 and 4 claims to extend the property to the west. During 1989, Dia Met conducted a short diamond drill program to test the Ram Reef Zone. This drilling was halted suddenly due to extreme weather conditions. The expenditures and the results of the work were never filed for assessment credit. Later in 1989, Chevron and Dia Met terminated their option agreement and the Bandit 1 and 2 claims were restaked as the Bandit X and Y and the Hijack 1 claim was restaked as the Hijack W.

In 1990, North American Metals Corp. and Chevron entered into an option agreement whereby NAMC could earn a 50% interest in the property. The Bandit 3 claim, which had been allowed to lapse in 1989, was restaked as the Bandit Z claim. The diamond drill rig used in 1989 was removed from the property and the demob costs were filed for assessment credit using the previously unreported drill logs (Marud 1990).

In 1991, a program of 1:10,000 scale mapping, rock and soil sampling, grid establishment and limited magnetometer and VLF surveys were completed on the property by Homestake Canada Ltd. personnel on behalf of North American Metals Corp. (Howe 1991).

North American Metals Corp. acquired 100% interest in the BANDIT property on January 1,1992 prior to commencement of the 1992 exploration program which was contracted out to Homestake Canada Ltd. Work carried out consisted of talus and rock chip sampling, geological mapping, 9.0 line kilometres of Induced Polarization survey, and hand and blast trenching.

1.5 WORK COMPLETED DURING 1994

During the period June 28 to August 23, 1994, work on the Bandit property completed follows:

Survey Control:

- Open control traverse carried from Golden Bear Mine to the Bandit property.
- 20.4 km of grid line placed by transit at 100m x 50m spacing in three separate grids.

Geological Mapping:

- 1:1000 detail geological mapping of the Post Zone (1.0 sq. km).
- 1:1000 mapping of alteration zones in the Cliff and East Zones (1.0 sq. km).

Geochemistry:

- Collection of 361 soil/talus samples on the Post and Ram Reef grids.
- Collection of 189 rock samples (includes chip, grab and float

samples) from the Post, Cliff and East Zones.

Geophysics:

- 6.2 line km of VLF-EM and Magnetometer survey on the Post grid.

Diamond Drilling:

- 626.34 m in three holes on the Post Zone.
- 304.8 m in two holes on the Ram Reef.

2.0 REGIONAL GEOLOGY

The regional geology in this area has been documented by Souther (1970) and recently by Brown and Bradford (1993).

The BANDIT property lies within the Stikine terrane, a composite terrane comprised of Paleozoic, Triassic and Jurassic island arc rocks. Basement rocks of the Stikine terrane are known as the Stikine Assemblage and include Devonian to Permian limestones, argillites, cherts and a variety of volcanic and epiclastic rocks. These rocks are strongly deformed and stratigraphic relationships are not well understood. Rocks younger than Permian lack diagnostic fossils and as such can only be defined as pre-Upper Triassic in age. The Stikine Assemblage is overlain by Upper Triassic oceanic arc rocks of the Stuhini Group both of which are crosscut by Upper Triassic and Jurassic intrusive rocks of intermediate to felsic composition. Early Tertiary intermediate to felsic subaerial volcanics, intrusives and derived sediments of the Sloko Group unconformably overlie pre-Upper Triassic and Triassic rocks. The youngest rocks in the area are basaltic flows and pyroclastics of the late Tertiary Level Mountain Group and Hearts Peak Formation. These volcaniclastics overlie glacial till and are, in part, of Pleistocene age.

3.0 PROPERTY GEOLOGY

3.1 LITHOLOGIES

The BANDIT property is predominantly underlain by a tightly folded package of clastic, carbonate and volcanic rocks of the pre-Upper Triassic Stikine Terrane which is in turn overlain by a thick succession of less deformed and weakly chloritic volcaniclastics of the Upper Triassic Stuhini Group. These lithologies are locally cut by diorites to quartz-diorite intrusions of Triassic age, and plagioclase ± hornblende porphyritic dykes and fine-grained aphanitic rhyolite dykes of the Tertiary Sloko Group. A more detailed description of each lithology is given below. Property geology and the location of mineralized zones are shown on Figure 3, detailed geology of the Post Zone is shown on Figure 4.

Pre-Upper Triassic - Stikine Assemblage

Mafic to Intermediate Volcaniclastics

The pre-Upper Triassic volcanic rocks consist of fine-grained ash tuffs and fine-grained massive flows. These rocks are medium to pale green in colour and are intensely chloritized. Very fine-grained euhedral pyrite and specular hematite are common and occur disseminated throughout the volcanics. Alteration intensity varies with deformation intensity.

Epiclastic and Carbonate Sediments

This unit consists primarily of argillite to wacke with occasional interbedded graphitic or calcareous units. These rocks are interbedded within the mafic to intermediate volcaniclastic package. A distinct 50-100m thick sequence of well-bedded grey to white silicified limestone outcrops in several locations on the property and can be used as a marker horizon to unravel the structural history of the area. This limestone has been determined to be Permian in age, using connodont age- dating (Brown and Bradford, 1993).

This package is estimated to be 1000m thick, although folding may have artificially increased the apparent thickness. A large portion of this package is phyllitic with a alteration assemblage of sericite + chlorite ± quartz. Deformation intensity and alteration intensity are directly related: a decrease in deformation intensity results in a corresponding decrease in the percentage of sericite ± quartz replacement. Due to the intense deformation and alteration it is often difficult to divide this package into distinct mappable units.

Upper Triassic - Stuhini Group

The mafic volcaniclastic rocks of the Stuhini Group appear to be andesitic in composition based on thin section analyses. Textures vary from fine-grained ash tuff to coarse crystal-lithic tuff and coarse-grained, augite porphyritic flows. This unit is typically medium to dark green, unfoliated and weakly chloritized with primary textures and mineralogy well preserved. Trace amounts of fine-grained, euhedral pyrite are disseminated throughout the volcaniclastics. Iron carbonate alteration occurs locally as fracture controlled veins or weak to moderate replacement of the pyroclastic matrix. Bedding attitudes are rare.

Triassic

Diorite - Quartz Diorite

This unit outcrops in several locations on the BANDIT property and is typically coarse-grained hornblende ± plagioclase porphyritic in a plagioclase ± quartz matrix. The diorite is

unaltered, unfoliated and postdates Stuhini volcaniclastic rocks since several small diorite dikes are known to intrude Stuhini volcanics near the Post Zone and on the Bandit X claim. Most of the small bodies of diorite on the BANDIT claims are probably apophyses of the large diorite body mapped north of the property by British Columbia Geological Survey geologists in 1992. Intense iron carbonate alteration is common near all intrusive contacts.

Tertiary - Cretaceous

Sloko Group Intermediate to Felsic Rocks

This unit intrudes all rock types on the property and is highly variable in both composition and texture. On the Ban claims, two >10 meter wide dikes crosscut stratigraphy and form prominent north-south trending aerial photograph linear features. They are light buff-grey, unfoliated, plagioclase and hornblende porphyritic and form very blocky talus. Along the ridge-top on the Ban 2 claim, a buff, fine-grained and vesicular sill intrudes along an east-west trending contact between Pre-Upper Triassic argillites and wackes.

Stratigraphic Correlation Problems

Rocks of the Stikine Assemblage and the Stuhini units are very distinct, typically a very strong contrast in metamorphic grade and deformation intensity exists between these units. South of the Ban claims, near the Post Zone and to the north of the property a sharp contact zone exists between the Stikine Assemblage and the Stuhini volcanics. The Stuhini Group unconformably overlies the Stikine Assemblage as indicated by radical changes in bedding measurements south of the Ban claims. On the Bandit X and Y claim however, the contact between the these units is enigmatic. Unaltered, undeformed Stuhini volcaniclastics outcrop at the top of the mountain, a fracture-controlled alteration zone (Ram Reef) forms the contact zone with weakly carbonatized and chloritic massive, fine-grained mafic pyroclastics. This weakly altered mafic unit is gradational into more intensely altered and deformed pre-Upper Triassic phyllites of the Cliff Zone, and is not seen elsewhere on the property. Howe (1992) placed these transitional rocks in the Stikine Assemblage on the basis that the alteration and mineralization of the Ram Reef Zone is believed to be genetically related to the Cliff Zone alteration lower down the mountain. Based on field observations and examination of 1994 Ram Reef drill core the author believes that these transitional rocks are better placed within the Stuhini Group. This would place the Stikine/Stuhini contact immediately above the Cliff Zone and mean that the Ram Reef Zone is developed entirely within Stuhini Group rocks. While this would be unusual for the property, the lack of a penetrative fabric and slight differences in mineralogy (see Section 3.4) give credit to this theory.

3.2 STRUCTURE

A well-developed penetrative foliation characterizes the pre-Upper Triassic units. The foliation appears to parallel bedding, trending roughly southwest-northeast, dipping moderately to the northwest. In the central portion of the Ban 2, Bandit Y and Z claims the deformation intensity increases resulting phyllonites, which occur near interpreted fold axes.

Folding about a northeast trending axial plane predates Triassic Stuhini volcaniclastic deposition, since fold structures are only observed within the pre-Upper Triassic units. Small scale asymmetric parasitic fold structures in the area plunge moderately to the northeast and northwest, indicating that the large scale early fold axis has been refolded about a roughly north-south trending axis. Other evidence, such as refolded foliation (crenulation), large-scale N-S trending axial planer cleavage fractures manifested as deep gullies and doming of the limestone package also support this theory.

Conjugate joint and fracture sets are well-developed both megascopically and macroscopically throughout the property. Deep-sided gulleys trending northwest and northeast are common in the southern portion of the Bandit Y and Z claims. Smaller scale brittle fractures with similar orientations are developed in hinge zones of folds, offsets are common along these structures, but typically less then 1m in gulleys and $<$2cm for small axial planar fractures.

3.3 ALTERATION

Three dominant alteration assemblages are present on the BANDIT property: albitization, silicification and carbonatization.

Albitization, frequently misidentified in the field as silicification, occurs exclusively within the pre-Upper Triassic rocks. Intense, pervasive albitization results in a dull white, fine-grained rock, commonly with 1-2% fine- to coarse-grained pyrite. Zones of intense albitization may have either sharp contacts with relatively unaltered host rock, or gradational contacts into zones of albite $\pm$ quartz stockwork and zones of strong pervasive silicification. In the Cliff Zone albitization and associated gold mineralization appears to be pre-Upper Triassic in age, evidenced by folding not seen in the younger rocks. This alteration assemblage is common throughout rocks of the Stikine Assemblage in the Telegraph Creek area (Holbek 1988) and is typically enriched in precious metals, but is not yet known to host any gold deposits of economic size potential.

Silicification is common, occurring as either localized lenses or as quartz veins

and stockwork. Pervasive silica alteration is usually found within or proximal to intensely albitized zones and frequently contains disseminated fine-grained euhedral pyrite. This intense alteration results in a light grey, aphanitic to saccaroidal-textured rock with an indeterminable protolith. Quartz veinlets and stockworks are concentrated within the albitized zones and multiple phases of veining are evident from broken and rotated vein fragments and cross-cutting veinlets. Multiphase silicification appears to consistently post date albitization.

Carbonatization weathers dull orange and occurs as either moderate to intense pervasive alteration over hundreds of meters, or in narrow, late-stage, network textured fracture fillings. This pervasive alteration may be related to the emplacement of a large pre-Upper Triassic diorite to granodiorite to the southeast of the property (Souther 1970), since Stuhini volcanics lack pervasive carbonate alteration. The lack of pervasive carbonatization in the younger Stuhini volcaniclastics suggests that the diorite predates the Stuhini volcaniclastics. Sulphides are not associated with this alteration feature except as rare disseminations. Large areas of the property are covered with pervasively carbonate altered mafic volcanic talus, which has been sampled extensively and does not contain anomalous quantities of gold. While pervasive carbonate alteration postdates albitization and silicification and predates Stuhini volcanism, late-stage fracture-controlled carbonate alteration occurs in all rock types found on the property.

3.4 MINERALIZATION

Gold mineralization on the Bandit property is strongly associated with bedding parallel zones of intense albite and silica alteration that occur within Stikine Assemblage rocks. Pyrite is the predominant sulphide within these zones occurring as 1-3%, very fine grained, euhedral disseminations, and as semi-massive pods that range in size from 10 cm to approximately 1.0 m. Locally the pods may form 5-10 % of a given outcrop. Gold values are noted to increase with increasing pyrite abundance (Howe, 1992).

In addition to pyrite, chalcopyrite has been noted locally in the Cliff Zone. Fine grained arsenopyrite was noted by Howe (1992) in mineralized rocks from the Post Zone, but not detected in 1994.

Fine, disseminated specular hematite was noted in Ram Reef drill core in greater amounts than elsewhere on the property. This is felt to be an alteration feature and may reflect the difference between Stikine Assemblage and Stuhini Group host rocks.

4.0 DISCUSSION AND RESULTS OF THE 1994 PROGRAM

The following section discusses the results of the work carried out during the 1994 field season. Attention was focused on the Post, Ram Reef, Cliff and East Zones. The nature and purpose of exploration performed on each zone is as follows:
-Post Zone: mapping, soil sampling, rock sampling, and VLF and magnetometer surveys in order to help define targets for the diamond drilling program.
-Ram Reef Zone: soil sampling to define targets for wide spaced diamond drilling along strike from the 1989 Dia Met drill holes.
-Cliff and East Zones: mapping and detailed sampling of albite-silica alteration zones in order to define diamond drill targets.
All 1994 work was tied into the Golden Bear Mine grid, which was extended to the Bandit property.

4.1 SURVEY CONTROL

Survey control was established on the Bandit property by running an open survey traverse down from the Golden Bear Mine, 15 kilometres to the north, and placing a survey station near the legal corner post for the Bandit X, Y and Z claims. From this point additional survey stations were established on the property from which 20.4 line km of picket grid were shot in on a 100m x 50m spacing. These grids provided extremely accurate ground control for all work carried out in 1994. The southern portion of the open traverse and the location of the grids are shown on Figure 5.

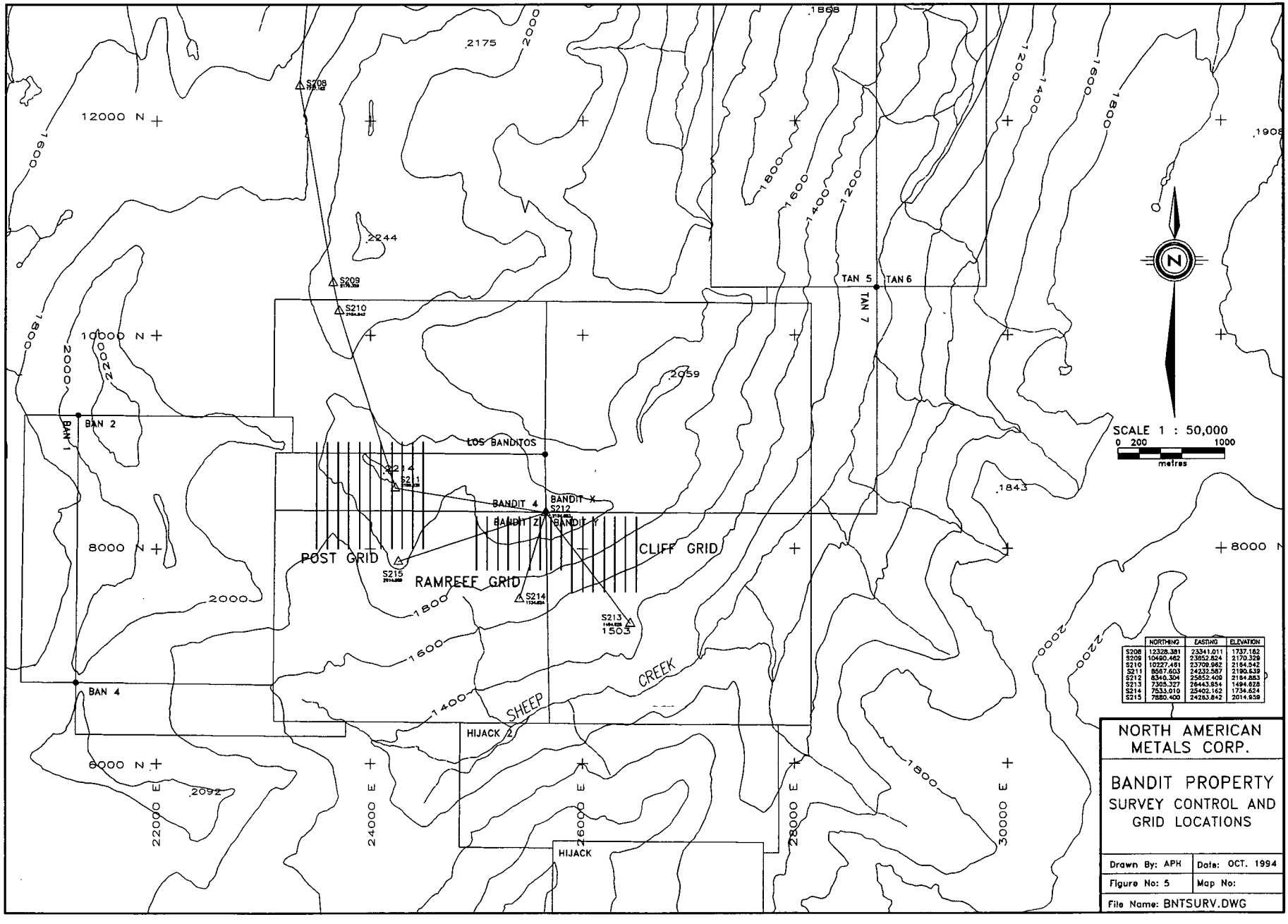
This control was established because of difficulties encountered by Howe and Marud (1992) when compiling data from earlier programs (1981-1992). They found that much data had been recorded with no regard for grid coordinates or had been recorded onto air photo mosaics where considerable distortion was present. As a result they had to assume ideal grid positions for most of the data points, whose locations must now be considered approximate.

4.2 GEOCHEMISTRY

4.2.1 Geochemical and Analytical Procedures

All soil/talus samples were collected were collected using long bladed shovels from depths between 15 and 30 centimetres. Where possible B horizon soils were taken, however soil development was often poor and talus fines were collected instead. The material was placed in kraft waterproof bags, dried and shipped to Chemex Labs in Vancouver for analysis. All soil/talus samples were subjected to an analytical package that includes 32 element ICP, gold by AA and mercury by cold vapour. Sample locations and results are shown on Figures 6 and 7 respectively.

Rock samples were collected from float, and as grab or continuous chips from outcrop, and placed in plastic bags. All rock samples were analyzed at the



	NORTHING	EASTING	ELEVATION
S208	12328.381	23341.011	1737.182
S209	10490.462	23852.824	2170.329
S210	10227.461	23709.982	2184.542
S211	8567.603	24232.587	2190.638
S212	8340.304	25852.409	2184.883
S213	7305.327	26443.954	1494.828
S214	7533.019	25402.162	1736.624
S215	7880.400	24283.842	2014.939

Golden Bear Mine assay lab for gold only by fire assay with gravimetric finish. Rock sample locations and results for the Post Zone are shown on Figure 8, locations and results for the Cliff and East Zones are shown on Figures 9 and 10 respectively.

Assay results for all soil/talus and rock samples are listed in Appendix I and the details of the analytical procedures, including detection limits are given in Appendix II.

4.2.2 Soil/Talus Geochemistry

A total of 361 soil/talus samples were collected from the Post and Ram Reef grids, on 100m x 25m spacing, in order to help define diamond drill targets. Coverage was incomplete due to permanent snow and/or ice coverage, particularly on the Ram Reef grid. Gold values from the 1994 program are shown on Figure 7 along with geochemistry compiled from previous programs. All data has been hand contoured at the 100 ppb and 500 ppb levels.

Contoured results quite strongly outline anomalies of greater than 100 ppb Au coincident with both the Ram Reef alteration lineament, and the Stikine/Stuhini contact on the Post grid. Both of these areas are considered targets for drilling. In addition anomalous values were returned from samples taken lower in the Stikine Assemblage stratigraphy. These are interpreted to be expressions of discrete gold bearing, albite-silica alteration zones of unknown width. Full assessment of these anomalies is difficult as they are talus covered.

4.2.3 Post Zone Rock Geochemistry

A total of 37 rock samples, mainly float, were collected from the Post grid (locations and results shown on Figure 8). 10 samples of pyritic and silicified volcanics, 9 of which came from the immediate vicinity of the Stikine/Stuhini contact, returned gold values of greater than 1.0 g/t Au and up to 10.32 g/t Au. These samples were from pieces of float less than 25 centimetres in diameter and are interpreted to be weathered out, sulphide and silica rich pods from within an albite-silica alteration zone.

4.2.4 Cliff and East Zones Rock Geochemistry

The Cliff and East Zones contain a number of discrete bedding parallel, albite-silica alteration zones that vary in width from less than 1.0 metre to greater than 10.0 metres. Rock chip sampling by Homestake personnel in 1992 returned very strongly anomalous to high grade gold values in these zones. High grade gold mineralization, very limited in extent, was discovered associated with bleby chalcopyrite mineralization in one alteration zone in the Cliff Zone, returning 17.6 g/t Au over 5.0 metres (Howe,1992). Lower grade mineralization is reported from the East Zone where several samples returned gold values of 1.0-1.5 g/t Au over lengths of 10.0 metres Howe (1992).

The aim of the 1994 program was to confirm the 1992 results in both of these areas and to carry out additional sampling of the larger alteration zones in order to determine strike and grade continuity. To this end a number of alteration zones were mapped and a total of 143 chip and grab samples were collected. Over widths of greater than 2.0 m several contiguous were taken. Highlights of the sampling are given in Table 2 with gold values for contiguous samples being weighted averages (individual sample lengths and values can be found in Appendix I).

TABLE 2: Cliff and East Zone Rock Sample Highlights

ZONE	SAMPLE NUMBER(S)	LENGTH (M)	AU g/t
CLIFF	13001	GRAB	79.44
CLIFF	13002-13006	4.7	6.85
CLIFF	13008	0.35	24.03
CLIFF	13010	0.3	3.09
CLIFF	13011	GRAB	42.71
CLIFF	13013	GRAB	12.07
CLIFF	13034	0.9	7.95
CLIFF	13045	GRAB	6.62
EAST	13047-13051	10.0	0.85
EAST	13056-13058	6.0	0.96
EAST	13059-13061	6.0	0.98
EAST	13065-13066	4.0	0.96
EAST	13073	GRAB	27.39
EAST	13076-13077	4.0	2.54
EAST	13081	1.0	6.10
EAST	13083-13086	8.0	1.35
CLIFF	13090-13094	5.0	4.34
CLIFF	13095-13097	1.65	6.64
CLIFF	13099	1.5	6.34
CLIFF	11926-11933	7.0	1.69

Almost all of the Cliff Zone samples that returned significant gold values contained copper mineralization, primarily in the form of chalcopyrite. Minor bornite and malachite were also noted. This mineralization, however is not

generally hosted within albite-silica alteration zones of significant width and strike length, but rather was noted to occur patchily in vein-like structures of less than 1.5 metres in width and 100 metres in strike. In addition, the strongest occurrence of copper/gold mineralization was in a northwesterly striking structure whereas the main mineralized zones in the area trend to the northeast. The Homestake sample that ran 17.6 g/t over 5.0 metres was collected where this northwesterly-trending structure intersected a wider, northeasterly striking albite-silica alteration zone. Resampling of this area failed to duplicate the result, returning 6.85 g/t Au over 4.6 m (reassay returned 7.61 g/t), and additional sampling along the albite-silica alteration zone failed to return significant gold values, as did sampling of other alteration zones in the Cliff Zone.

Chip sampling in the East Zone returned low grade but consistent gold values from albite-silica altered outcrops . Over widths of 4.0 to 10.0 metres values of 0.85 to 2.54 g/t Au were obtained. These grades, which are better than those returned from the Cliff Zone samples of similar material (no copper mineralization), are most likely due to an increased proportion of pyritic pods and, locally, stronger silicification than noted in other similar zones on the property. This area is an attractive target as several outcrops remain untested and the geometry of exposed mineralization suggests considerable width to the zone (greater than 10.0 m over approximately 200 m of strike length).

4.3 GEOPHYSICS

6.2 kilometres of VLF-EM and magnetometer survey were completed on the Post Zone grid in July 1994. The purpose of the survey was to determine continuity and strike extent of the Post Zone alteration system and to attempt to locate other alteration zones in Stikine Assemblage rocks which, in this portion of the property, are largely covered by talus. The following brief discussion refers to Plate 5GA which can be found in Appendix III along with a copy of the geophysical report.

The VLF survey outlined several anomalous conductors. Of most interest is anomaly V2 which correlates closely with the anomalous soil and rock geochemistry of the Post Zone. The weaker anomalies to the north and south of V2 could be interpreted as individual, sub-parallel alteration zones. The unnamed east-west conductor at the south edge of the grid correlates with a mapped fault that truncates a domal limestone structure (see Figure 3). Anomalies V1 and V3 cannot be explained by the known geology.

The magnetometer survey outlined several narrow highs that are located within a large resistive zone (labelled as area C on Plate G5A) that trends northwesterly across the grid area. The cause of the anomalies is not known

but a deep source has been suggested (see Appendix III).

4.4 DIAMOND DRILLING

A total of 931.14 metres of diamond drilling in five holes was carried out on the Post Zone (3 holes, 626.34 m) and the Ram Reef (2 holes, 304.8 m) during the 1994 field season. The core, of NQ diameter, was flown to the Golden Bear minesite for logging and splitting and is currently stored in racks adjacent to the mine airstrip. All samples were analyzed by fire assay for gold at the Golden Bear assay lab. Copies of the drill logs and assay sheets are given Appendix IV. Locations of the drill holes are shown on Figures 3 and 4 and vertical sections for all drill holes are shown on Figures 11 through 14. A summary of assay results is given in Table 3.

4.4.1 Post Zone

Hole numbers BN001, BN002 and BN003 were drilled, on two sections 75 metres apart, to test for mineralization at or near the Stikine/Stuhini contact. The targets were outlined by anomalous soil and rock geochemistry and geophysics.

The geology encountered in all three drill holes consisted of unaltered Stuhini Group volcaniclastics, a narrow fault zone, and interbedded volcanic tuffs and argillites of the Stikine Assemblage. The Stikine volcanics are invariably carbonatized and locally albite-silica altered, while the argillites are locally sheared and pyritic.

Strongly anomalous to low grade gold values were encountered starting at the fault zone and continue erratically down the holes through the interbedded volcanics and argillites package, with no apparent regard for lithology or alteration. The best results were returned from the fault contact zone (see Table 3 and Figures 11 and 12).

4.4.2 Ram Reef

The Ram Reef has previously been tested by a series of trenches and 2 diamond drill holes (one stopped abruptly due to extreme weather conditions). Gold value ranging from 1.1 g/t over 2.0 metres to 3.45 g/t over 8.0 metres were obtained from the trenches (Walton,1985),while values between 1.00 g/t over 3.1 metres and 2.39 g/t over 2.5 metres were returned from the drill holes (Marud, 1990). The 1994 drill holes, BN004 and BN005, spaced 150 metres apart, tested the structure to the east along strike.

Both drill holes were collared in Stuhini group volcaniclastics, which locally contained narrow argillite beds, and passed through the Ram Reef structure into the underlying fine grained tuffs (still Stuhini ?). Alteration is confined to the fine grained tuffs and consists of broad zones of variable albite and silica

alteration with fine grained disseminated pyrite and, occasionally, specular hematite. Aside from minor brecciation and gouge at the Ram Reef structure little deformation is present.

No significant gold values were returned from the Ram Reef structure even though a favourable alteration assemblage is present. Anomalous and low grade gold values were returned from alteration zones lower in both holes (see Table 3, Appendix IV).

TABLE 3: 1994 Diamond Drill Assay Summary

HOLE #	FROM (m)	TO (m)	LENGTH	AU g/t
BN001	75.28	77.20	1.92	1.71
	89.36	90.36	1.00	2.09
	99.66	102.66	3.0	1.02
	109.26	113.84	4.58	0.88
	114.41	117.41	3.00	1.16
	119.41	120.41	1.00	1.34
	137.41	138.41	1.00	5.45
	148.07	150.07	2.00	1.24
	151.07	151.98	0.91	1.34
BN002	88.69	91.69	3.00	3.96
	104.02	104.68	0.66	2.66
	111.16	112.90	1.74	1.86
	114.60	115.60	1.00	1.85
	128.34	131.34	3.00	1.76
	136.54	137.54	1.00	1.23
	138.54	141.24	2.70	1.55
	158.18	159.18	1.00	1.17
	167.08	176.72	9.74	0.76
	211.39	212.39	1.00	1.17
BN003	90.53	93.50	2.97	3.11
	99.76	103.26	3.50	1.14
	116.26	119.26	3.00	3.66
	125.15	126.05	0.90	1.10
	131.40	132.40	1.00	1.47
	139.40	140.40	1.00	1.30
	165.58	167.58	2.00	1.87
BN004	84.24	86.24	2.00	2.38
	130.76	131.76	1.00	1.10
BN005	108.47	109.47	1.00	1.41
	110.47	112.47	2.00	2.98

5.0 SUMMARY AND RECCOMENDATIONS

The 1994 exploration program on the Bandit property was designed to test the Post, Ram Reef, Cliff and East Zones for economic gold mineralization. Work carried out to this end included establishing survey control, soil/talus and rock sampling, geophysics and diamond drilling.Results of the program are summarized below:

Post Zone:

- anomalous soil and rock geochemistry and VLF-EM conductors coincident with diamond drill targets
- strongly anomalous to low grade gold values were encountered in drilling at the Stikine/Stuhini contact and within interbedded Stikine volcanic tuffs and argillites in the footwall.

Ram Reef:

- diamond drilling returned anomalous to low grade gold values from albite-silica alteration zones in footwall rocks to the Ram Reef structure. No significant gold values were obtained from the Ram Reef structure itself.

Cliff Zone:

- detailed chip sampling failed to duplicate the high grade, 1992 Homestake results and effectively closed off the zone of gold values asscoiated with copper mineralization.
- additional chip sampling of other alteration systems within the zone did not return significant gold values.

East Zone:

- detailed chip sampling outlined an area of consistantly anomalous to low grade gold mineralization.

Reccomendations:

No further work is reccomended at this time for the Post, Ram Reef and Cliff Zones.

Further detailed rock chip sampling should be carried out on the East Zone in order to establish continuity of mineralization. This zone should be considered as a target for a low grade, bulk tonnage deposit.

Detailed prospecting and rock chip sampling should be carried out in areas of anomalous soil/talus geochemistry to the east and northeast of the East Zone.

The area covered by the Tan 5-7 claims requires prospecting, mapping and geochemical sampling, as this area was has, to date, only been examined in a recconaisance manner.

6.0 BIBLIOGRAPHY AND SELECTED REFERENCES

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APPENDIX I

(1994 Geochemical Assay Certificates)

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Project : BANDIT
Comments: ATTN: DUNHAM CRAIG

Certificate Date: 26-JUL-94
Invoice No. :I9420375
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9420375

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1402	201	229	< 5	0.4	3.03	4	440	< 0.5	< 2	0.62	1.0	30	99	94	6.73	10	< 1	0.16	10	2.24	1510
1403	201	229	< 5	0.2	3.09	10	160	< 0.5	< 2	0.64	0.5	30	57	87	6.85	10	< 1	0.12	10	1.64	1200
1404	201	229	< 5	0.4	3.23	18	200	< 0.5	< 2	0.55	1.0	37	111	128	7.54	10	< 1	0.13	10	1.77	1510
1405	201	229	< 5	0.4	2.90	10	140	< 0.5	< 2	1.64	< 0.5	31	60	82	6.55	10	< 1	0.14	10	1.51	1125
1406	203	205	15	< 0.2	3.21	4	220	0.5	< 2	0.68	0.5	27	63	65	7.19	20	< 1	0.28	10	1.60	1250
1407	203	205	10	< 0.2	3.26	6	170	< 0.5	< 2	1.72	0.5	18	37	51	6.11	10	< 1	0.35	10	1.38	910
1408	201	229	5	0.4	3.65	14	140	< 0.5	< 2	0.77	0.5	27	16	83	7.31	10	< 1	0.14	10	1.49	1135
1409	201	229	10	0.6	3.13	30	160	< 0.5	< 2	0.84	0.5	40	18	123	8.22	10	< 1	0.16	10	1.22	1480
1410	201	229	15	0.8	3.21	26	250	< 0.5	< 2	0.55	0.5	39	26	138	8.15	20	< 1	0.17	10	1.31	1925
1411	203	205	5	0.2	3.89	8	190	< 0.5	< 2	0.51	0.5	23	44	61	6.51	10	< 1	0.33	10	1.68	910
1412	201	229	< 5	< 0.2	3.38	14	120	< 0.5	< 2	0.61	0.5	27	40	90	6.58	10	< 1	0.10	< 10	1.76	1095
1413	201	229	5	0.8	2.81	32	210	0.5	< 2	0.42	0.5	40	27	172	7.72	10	< 1	0.10	10	1.18	1680
1414	203	205	< 5	< 0.2	3.12	12	190	< 0.5	< 2	0.33	0.5	22	56	79	5.88	10	< 1	0.29	< 10	1.31	935
1415	203	205	< 5	< 0.2	2.68	18	190	< 0.5	< 2	0.56	0.5	26	96	100	6.16	10	< 1	0.22	< 10	1.48	1135
1416	201	229	< 5	0.2	2.53	28	300	0.5	< 2	0.68	1.0	39	136	169	8.60	10	< 1	0.17	10	1.51	1815
1417	201	229	< 5	0.2	3.84	8	170	< 0.5	2	1.06	1.0	46	212	247	6.94	10	< 1	0.18	< 10	3.32	1680
1418	201	229	< 5	< 0.2	3.04	60	240	< 0.5	< 2	1.26	0.5	53	220	201	7.77	10	< 1	0.19	< 10	2.31	1525
1419	201	229	< 5	0.2	2.20	58	270	0.5	< 2	0.71	1.0	47	149	228	8.32	10	< 1	0.17	< 10	1.37	1910
1420	203	205	< 5	0.2	3.00	46	200	< 0.5	< 2	0.62	0.5	30	105	153	6.90	10	< 1	0.29	< 10	1.48	1190
1421	201	229	5	0.4	3.05	42	290	0.5	< 2	0.63	1.0	37	54	123	7.60	10	< 1	0.10	10	1.43	1975
1422	201	229	< 5	0.6	2.27	54	230	< 0.5	< 2	0.49	0.5	37	34	144	7.63	10	< 1	0.13	10	0.89	1820
1423	203	205	< 5	0.6	4.59	44	250	0.5	< 2	0.74	0.5	36	47	124	7.24	20	< 1	0.26	10	1.62	1425
1424	201	229	< 5	1.2	3.20	46	150	< 0.5	< 2	0.56	1.0	44	26	156	6.98	10	< 1	0.11	10	1.27	1230
1425	203	205	< 5	0.4	3.60	16	230	< 0.5	< 2	0.60	< 0.5	27	36	83	6.00	10	< 1	0.29	< 10	1.44	1050
1426	201	229	< 5	1.0	1.90	30	90	< 0.5	< 2	2.04	0.5	42	9	152	7.11	10	< 1	0.13	< 10	0.61	1485
1427	201	229	5	0.6	2.53	14	190	< 0.5	< 2	0.35	0.5	34	50	112	6.74	10	< 1	0.10	10	1.14	1625
1428	201	229	5	0.2	3.04	8	170	< 0.5	< 2	0.37	0.5	36	140	124	6.52	10	< 1	0.08	< 10	1.86	1310
1429	203	205	< 5	< 0.2	3.13	6	180	< 0.5	< 2	0.42	0.5	26	95	72	5.80	10	< 1	0.20	< 10	1.65	935
1430	201	229	150	< 0.2	2.48	2	220	0.5	< 2	0.39	< 0.5	25	33	80	5.59	10	< 1	0.09	10	1.40	1500
1431	201	229	265	< 0.2	2.13	< 2	220	< 0.5	< 2	0.49	1.0	24	31	73	5.53	10	< 1	0.09	10	1.16	1085
1432	201	229	285	0.2	1.78	6	240	< 0.5	< 2	0.58	0.5	29	39	74	6.57	10	< 1	0.12	< 10	0.86	1385
1433 A	201	229	170	< 0.2	1.52	2	250	< 0.5	< 2	0.95	< 0.5	32	35	68	6.19	10	< 1	0.11	10	0.81	1425
1433 B	201	229	10	0.2	2.79	2	320	< 0.5	< 2	0.37	1.0	30	76	92	6.82	10	< 1	0.14	10	1.79	1565
1434	201	229	200	0.2	1.59	4	250	< 0.5	< 2	0.66	< 0.5	32	33	66	6.34	10	< 1	0.10	< 10	0.78	1490
1435	201	229	165	< 0.2	1.43	2	230	< 0.5	< 2	0.80	< 0.5	29	27	63	5.80	10	< 1	0.10	10	0.75	1360
1501	201	229	60	0.2	3.64	58	280	< 0.5	2	2.50	1.0	59	254	202	6.61	10	< 1	0.11	< 10	2.88	1640
1502	201	229	10	< 0.2	3.24	2	160	< 0.5	6	1.17	0.5	37	227	148	5.04	10	< 1	0.25	< 10	3.42	995
1503	201	229	10	< 0.2	4.11	6	210	< 0.5	4	1.10	1.0	45	325	173	6.40	20	< 1	0.35	< 10	3.48	1460
1504	201	229	< 5	< 0.2	2.65	< 2	110	< 0.5	< 2	0.93	0.5	33	154	192	3.93	10	< 1	0.16	< 10	2.51	775
1505	203	205	< 5	< 0.2	2.33	< 2	110	< 0.5	2	1.45	0.5	20	148	96	3.46	10	< 1	0.26	< 10	2.29	520

CERTIFICATION: Laurent Bolin

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Comments: ATTN: DUNHAM CRAIG

Certificate Date: 26-JUL-94
Invoice No. : I9420375
P.O. Number : EX441622
Account : DRRA

CERTIFICATE OF ANALYSIS A9420375

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
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1404	201	229	4	0.01	53	1110	14	< 2	15	32	< 0.01	< 10	< 10	105	10	110	20
1405	201	229	2	0.01	42	1190	16	< 2	12	46	< 0.01	< 10	< 10	97	20	106	10
1406	203	205	3	0.04	25	1650	20	< 2	11	53	0.04	< 10	< 10	97	10	102	10
1407	203	205	1	0.06	15	1310	10	< 2	8	59	< 0.01	< 10	< 10	74	20	102	10
1408	201	229	4	0.01	20	1350	16	< 2	10	38	< 0.01	< 10	< 10	102	30	104	10
1409	201	229	5	0.01	29	1760	12	< 2	10	41	< 0.01	< 10	< 10	97	20	108	40
1410	201	229	5	0.01	29	1560	34	< 2	13	32	< 0.01	< 10	< 10	102	20	118	50
1411	203	205	3	0.04	22	1400	24	< 2	10	34	0.01	< 10	< 10	109	20	106	20
1412	201	229	2	0.01	29	1250	16	< 2	12	27	< 0.01	< 10	< 10	117	20	104	20
1413	201	229	2	0.01	28	1150	32	< 2	14	22	< 0.01	< 10	< 10	104	10	118	50
1414	203	205	3	0.05	27	890	14	< 2	10	24	< 0.01	< 10	< 10	90	10	90	10
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1417	201	229	2	0.03	154	970	18	< 2	20	33	0.14	< 10	< 10	165	30	100	40
1418	201	229	4	0.02	163	1050	20	< 2	28	39	0.03	< 10	< 10	164	10	104	130
1419	201	229	3	0.01	125	1250	18	< 2	30	24	< 0.01	< 10	< 10	164	20	102	100
1420	203	205	3	0.06	67	1400	12	< 2	18	30	0.01	< 10	< 10	150	10	96	40
1421	201	229	4	0.01	40	1670	22	< 2	16	30	< 0.01	< 10	< 10	120	30	108	60
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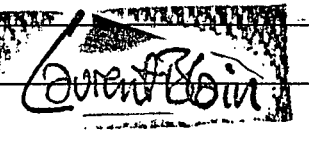
1423	203	205	4	0.06	26	1850	32	< 2	16	47	< 0.01	< 10	< 10	128	30	114	40
1424	201	229	4	0.01	31	1360	28	< 2	13	27	< 0.01	< 10	< 10	86	10	106	30
1425	203	205	5	0.06	22	960	16	< 2	12	38	< 0.01	< 10	< 10	100	10	96	20
1426	201	229	9	0.01	25	1450	22	< 2	9	100	< 0.01	< 10	< 10	54	20	130	30
1427	201	229	3	0.01	43	910	18	< 2	17	26	< 0.01	< 10	< 10	79	10	96	40
1428	201	229	2	0.01	57	780	20	< 2	14	22	0.03	< 10	< 10	113	20	92	10
1429	203	205	4	0.04	37	1020	18	< 2	11	30	0.02	< 10	< 10	103	< 10	88	10
1430	201	229	5	< 0.01	22	1220	14	< 2	11	25	< 0.01	< 10	< 10	89	< 10	96	10
1431	201	229	2	0.01	23	1310	18	< 2	12	26	< 0.01	< 10	< 10	90	10	94	10
1432	201	229	3	0.01	33	1310	14	< 2	11	29	< 0.01	< 10	< 10	78	10	112	30
1433 A	201	229	2	0.01	35	1440	14	< 2	10	32	< 0.01	< 10	< 10	79	10	108	30
1433 B	201	229	4	< 0.01	47	980	12	< 2	16	18	0.01	< 10	< 10	114	10	96	10
1434	201	229	4	0.01	31	1470	14	< 2	11	31	< 0.01	< 10	< 10	75	10	118	20
1435	201	229	< 1	0.01	30	1570	14	< 2	10	31	< 0.01	< 10	< 10	75	10	110	20
1501	201	229	3	0.02	146	1120	10	< 2	26	63	0.01	< 10	< 10	172	20	96	80
1502	201	229	4	0.08	146	990	14	< 2	12	30	0.19	< 10	< 10	123	30	88	10
1503	201	229	3	0.03	152	1100	20	< 2	22	28	0.08	< 10	< 10	161	20	98	20
1504	201	229	3	0.06	93	950	10	< 2	8	34	0.18	< 10	< 10	112	< 10	80	10
1505	203	205	3	0.19	62	920	16	< 2	10	48	0.16	< 10	< 10	108	< 10	48	10

CERTIFICATION: 

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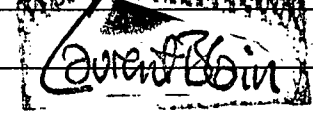
SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1506	201	229	< 5	< 0.2	3.16	6	210	< 0.5	< 2	0.83	0.5	36	198	183	5.33	10	< 1	0.15	< 10	3.00	1000
1507	201	229	< 5	0.2	3.32	18	250	< 0.5	4	0.85	1.0	38	205	162	5.94	10	< 1	0.17	< 10	2.85	1280
1508	201	229	< 5	0.2	3.68	122	310	< 0.5	< 2	0.83	0.5	40	195	187	7.37	20	< 1	0.24	< 10	2.22	1580
1509	201	229	< 5	0.6	2.45	194	360	0.5	< 2	0.76	2.5	43	74	394	8.58	10	< 1	0.27	10	1.05	3090
1510	201	229	110	< 0.2	2.22	2	340	< 0.5	< 2	3.33	< 0.5	31	61	97	5.99	10	< 1	0.22	10	1.29	1335
1511	201	229	10	0.2	2.57	8	390	< 0.5	< 2	0.51	0.5	33	103	107	6.95	10	< 1	0.12	10	1.36	1310
1513	201	229	20	0.4	2.30	6	270	0.5	< 2	0.38	0.5	36	72	83	6.98	10	< 1	0.10	10	1.13	1785
1514	201	229	120	0.2	2.15	6	280	< 0.5	< 2	0.40	1.0	34	65	88	6.70	10	< 1	0.10	10	1.04	1690
1515	201	229	115	0.4	2.31	4	300	0.5	< 2	0.45	0.5	36	60	80	6.96	10	< 1	0.12	10	1.15	1870
1516	201	229	85	0.2	2.58	2	280	< 0.5	< 2	0.43	0.5	30	65	82	6.85	10	< 1	0.13	10	1.39	1615
1517	201	229	80	< 0.2	2.56	2	250	0.5	< 2	0.43	0.5	27	47	77	6.27	10	< 1	0.09	10	1.29	1505
2402	201	229	75	< 0.2	2.28	2	100	< 0.5	< 2	0.91	< 0.5	25	162	112	3.15	10	< 1	0.16	< 10	2.51	550
2403	201	229	10	< 0.2	2.45	< 2	90	< 0.5	< 2	0.86	0.5	26	169	112	3.09	< 10	< 1	0.11	< 10	2.86	520
2404	203	205	10	< 0.2	2.68	6	190	< 0.5	< 2	1.11	0.5	31	112	210	5.70	10	< 1	0.18	< 10	1.88	1090
2405	201	229	< 5	< 0.2	2.37	2	170	< 0.5	< 2	1.20	0.5	23	108	136	4.49	10	< 1	0.27	< 10	1.90	670
2406	201	229	5	< 0.2	2.98	< 2	210	< 0.5	< 2	1.06	0.5	32	170	181	5.52	10	< 1	0.17	< 10	2.58	1110
2407	201	229	5	< 0.2	3.36	< 2	200	< 0.5	< 2	0.90	1.5	44	246	187	6.15	10	< 1	0.16	< 10	2.90	1395
2408	201	229	5	< 0.2	3.46	14	280	< 0.5	< 2	0.95	0.5	35	91	151	7.03	10	< 1	0.22	< 10	1.53	1605
2409	203	205	< 5	< 0.2	4.21	2	210	0.5	< 2	0.87	0.5	32	100	244	7.30	20	< 1	0.52	< 10	2.71	1340
2410	203	205	< 5	< 0.2	3.04	< 2	180	< 0.5	< 2	1.11	0.5	26	79	326	5.97	10	< 1	0.23	< 10	1.95	1015
2411	201	229	< 5	< 0.2	3.28	2	140	< 0.5	4	0.95	1.5	36	248	160	4.69	10	< 1	0.16	< 10	3.70	830
2412	201	229	20	< 0.2	3.54	< 2	180	< 0.5	< 2	0.85	1.0	42	248	181	6.25	10	< 1	0.18	< 10	3.29	1470
2413	201	229	85	< 0.2	2.52	< 2	90	< 0.5	< 2	0.91	0.5	29	196	123	3.98	10	< 1	0.10	< 10	2.93	660
2414	201	229	175	< 0.2	2.17	4	80	< 0.5	< 2	0.66	0.5	27	180	102	3.97	< 10	< 1	0.06	< 10	2.27	625
2415	201	229	210	0.4	2.57	20	180	< 0.5	< 2	0.86	0.5	40	180	180	5.59	10	< 1	0.10	< 10	2.44	1305
2416	203	205	265	< 0.2	2.51	6	140	< 0.5	< 2	0.93	< 0.5	25	168	111	4.78	10	< 1	0.27	< 10	2.05	715
2417	201	229	175	0.4	1.22	8	210	< 0.5	< 2	0.49	0.5	31	93	65	5.42	10	< 1	0.08	< 10	0.93	1265
2418	201	229	355	0.4	1.31	6	220	< 0.5	< 2	0.52	0.5	29	75	71	5.72	10	< 1	0.08	< 10	0.84	1475
2419	201	229	190	0.2	0.71	2	210	< 0.5	< 2	0.43	0.5	33	32	76	5.24	< 10	< 1	0.10	10	0.40	1220
2420	201	229	150	0.4	0.62	4	220	< 0.5	< 2	0.44	1.0	26	23	61	5.48	10	< 1	0.08	< 10	0.29	1345
2421	201	229	30	0.2	0.63	2	290	< 0.5	< 2	1.16	< 0.5	49	62	60	5.89	< 10	< 1	0.10	10	0.25	1620
2422	203	205	25	< 0.2	1.15	< 2	160	< 0.5	< 2	0.32	< 0.5	27	68	65	5.90	10	< 1	0.19	< 10	0.38	1155
2423	203	205	25	< 0.2	1.39	< 2	160	< 0.5	< 2	0.34	0.5	27	62	65	5.74	10	< 1	0.19	< 10	0.52	1060
2424	203	205	85	< 0.2	1.03	< 2	220	0.5	< 2	0.51	0.5	17	27	48	4.65	< 10	< 1	0.35	30	0.27	1250
2428	203	205	95	< 0.2	1.56	2	160	< 0.5	< 2	0.41	0.5	21	90	61	4.32	< 10	< 1	0.23	< 10	0.86	760
2429	201	229	305	0.4	2.16	6	180	< 0.5	< 2	0.65	0.5	40	160	112	5.32	10	< 1	0.11	< 10	1.82	1125
2430	201	229	115	0.4	2.65	46	220	< 0.5	< 2	0.67	0.5	47	189	151	6.49	10	< 1	0.12	< 10	1.74	1315
2431	203	205	50	< 0.2	3.14	2	140	< 0.5	4	0.85	1.0	33	276	102	4.53	10	< 1	0.11	< 10	3.51	735
2432	203	205	10	< 0.2	2.99	2	110	< 0.5	2	1.12	0.5	31	257	102	3.89	10	< 1	0.19	< 10	3.50	555
2433	203	205	10	< 0.2	2.34	< 2	80	< 0.5	< 2	0.92	0.5	23	168	90	3.07	< 10	< 1	0.19	< 10	2.48	430

CERTIFICATION: 

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NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
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V6C 1G8

Project : BANDIT
Comments: ATTN: DUNHAM CRAIG

Page Number :2-B
Total Pages :6
Certificate Date: 26-JUL-94
Invoice No. :I9420375
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9420375

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
1506	201	229	7	0.03	99	890	8	< 2	14	25	0.16	< 10	< 10	136	10	80	10
1507	201	229	6	0.04	112	890	14	< 2	19	31	0.13	< 10	< 10	143	20	86	20
1508	201	229	4	0.04	120	1050	20	< 2	28	33	0.02	< 10	< 10	180	20	102	50
1509	201	229	4	0.01	47	1820	18	< 2	28	21	< 0.01	< 10	< 10	171	30	398	310
1510	201	229	5	0.01	39	720	2	< 2	27	43	< 0.01	< 10	< 10	135	10	104	10
1511	201	229	3	0.01	57	970	8	< 2	19	28	< 0.01	< 10	< 10	123	10	100	30
1513	201	229	4	0.01	44	1140	20	< 2	15	25	< 0.01	< 10	< 10	102	20	112	20
1514	201	229	5	0.01	43	1160	12	< 2	14	24	< 0.01	< 10	< 10	92	10	106	10
1515	201	229	5	0.01	39	1380	18	< 2	14	25	< 0.01	< 10	< 10	99	30	118	10
1516	201	229	2	0.01	39	1290	22	< 2	14	22	< 0.01	< 10	< 10	109	20	102	20
1517	201	229	3	0.01	28	1260	12	< 2	12	25	0.01	< 10	< 10	101	20	110	20
2402	201	229	6	0.06	116	780	2	< 2	5	36	0.17	< 10	< 10	81	< 10	42	10
2403	201	229	5	0.07	188	930	10	< 2	5	30	0.15	< 10	< 10	81	10	38	10
2404	203	205	5	0.04	69	1280	10	< 2	16	25	0.11	< 10	< 10	155	< 10	74	60
2405	201	229	2	0.13	53	1170	10	< 2	13	38	0.12	< 10	< 10	132	10	56	10
2406	201	229	8	0.06	93	990	14	< 2	14	31	0.18	< 10	< 10	148	30	86	50
2407	201	229	4	0.04	122	1250	16	< 2	16	24	0.10	< 10	< 10	156	30	86	30
2408	201	229	2	0.01	47	1200	18	< 2	33	25	< 0.01	< 10	< 10	170	20	106	20
2409	203	205	4	0.03	72	1800	22	< 2	18	30	0.06	< 10	< 10	217	20	112	10
2410	203	205	4	0.04	50	1820	10	< 2	11	45	0.15	< 10	< 10	165	20	84	10
2411	201	229	9	0.03	131	1120	14	< 2	9	22	0.20	< 10	< 10	111	30	64	10
2412	201	229	7	0.02	166	1280	28	< 2	17	24	0.12	< 10	< 10	168	20	92	10
2413	201	229	5	0.03	104	1060	6	< 2	7	35	0.17	< 10	< 10	97	10	52	10
2414	201	229	2	0.02	90	970	< 2	< 2	8	26	0.13	< 10	< 10	86	10	56	10
2415	201	229	4	0.02	98	1290	14	< 2	12	37	0.14	< 10	< 10	122	30	68	20
2416	203	205	4	0.09	74	1120	14	< 2	11	44	0.09	< 10	< 10	110	20	72	30
2417	201	229	2	0.01	62	990	12	< 2	10	26	0.04	< 10	< 10	87	20	90	80
2418	201	229	2	0.01	53	1220	22	< 2	11	24	0.04	< 10	< 10	92	10	98	60
2419	201	229	1	0.01	35	1170	4	< 2	6	23	0.02	< 10	< 10	50	< 10	98	40
2420	201	229	2	0.01	29	1480	8	< 2	8	21	0.01	< 10	< 10	63	10	104	160
2421	201	229	1	< 0.01	74	1220	14	< 2	13	18	< 0.01	< 10	< 10	78	10	114	80
2422	203	205	2	0.03	35	1110	6	< 2	15	16	< 0.01	< 10	< 10	115	< 10	96	80
2423	203	205	1	0.03	32	1030	12	< 2	15	13	< 0.01	< 10	< 10	126	< 10	90	70
2424	203	205	5	0.02	14	1330	8	< 2	6	33	< 0.01	< 10	< 10	43	10	104	40
2428	203	205	4	0.03	50	870	14	< 2	10	29	0.02	< 10	< 10	75	10	82	90
2429	201	229	4	0.02	91	1050	14	< 2	12	39	0.08	< 10	< 10	99	20	90	100
2430	201	229	5	0.01	126	1200	24	< 2	22	44	0.01	< 10	< 10	129	10	94	120
2431	203	205	6	0.06	120	910	< 2	< 2	10	41	0.15	< 10	< 10	119	10	58	10
2432	203	205	6	0.06	115	850	6	< 2	6	45	0.22	< 10	< 10	102	30	48	10
2433	203	205	4	0.06	87	820	8	< 2	4	49	0.18	< 10	< 10	78	10	40	10

CERTIFICATION: Laurent Bolin

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Project : BANDIT
Comments: ATTN: DUNHAM CRAIG

Page Number :3-A
Total Pages :6
Certificate Date: 26-JUL-94
Invoice No. :I9420375
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Account :DRRA

CERTIFICATE OF ANALYSIS A9420375

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2434	203	205	20	0.2	2.73	8	50	< 0.5	< 2	0.84	< 0.5	28	254	150	3.86	< 10	< 1	0.05	< 10	3.16	605
2435	203	205	15	0.2	2.70	6	120	< 0.5	< 2	0.73	0.5	27	191	152	4.74	< 10	< 1	0.26	< 10	2.90	720
2436	201	229	125	0.2	2.84	14	140	< 0.5	< 2	0.67	< 0.5	30	224	190	5.66	< 10	< 1	0.07	10	3.04	1580
2437	201	229	200	0.2	2.22	< 2	110	< 0.5	< 2	0.85	< 0.5	25	157	124	3.47	< 10	< 1	0.14	< 10	2.42	595
2438	201	229	40	0.2	2.95	8	210	< 0.5	< 2	0.68	0.5	30	169	167	6.43	< 10	< 1	0.09	< 10	2.89	1420
2439	201	229	15	< 0.2	3.14	28	110	< 0.5	< 2	1.88	< 0.5	49	442	123	7.23	10	< 1	0.05	< 10	3.27	1265
2440	201	229	30	< 0.2	2.30	68	240	< 0.5	< 2	1.41	0.5	41	155	84	7.10	10	< 1	0.11	< 10	1.24	1700
2441	201	229	135	< 0.2	0.54	8	160	< 0.5	< 2	0.39	0.5	25	15	44	5.48	< 10	< 1	0.12	20	0.21	1715
2442	201	229	25	< 0.2	0.55	4	180	< 0.5	< 2	0.58	0.5	36	30	62	6.60	10	< 1	0.10	20	0.25	1745
2443	201	229	50	0.2	0.48	6	260	< 0.5	< 2	0.38	0.5	32	21	67	7.38	< 10	< 1	0.08	10	0.23	2090
2444	203	205	55	< 0.2	1.30	8	210	< 0.5	< 2	0.23	< 0.5	22	54	56	5.69	< 10	< 1	0.25	10	0.49	1135
2445	201	229	35	< 0.2	0.74	12	190	< 0.5	< 2	0.32	< 0.5	31	55	78	6.46	< 10	< 1	0.10	10	0.48	1375
2446	201	229	55	< 0.2	1.01	8	140	< 0.5	< 2	0.86	< 0.5	28	30	42	7.28	10	< 1	0.16	20	0.47	1775
2447	201	229	210	0.2	0.95	8	200	< 0.5	< 2	0.55	< 0.5	23	15	46	6.78	10	< 1	0.16	60	0.36	1950
2448	203	205	35	< 0.2	1.79	4	200	< 0.5	< 2	0.57	< 0.5	25	59	45	7.04	10	< 1	0.42	30	0.55	1555
2449	201	229	45	< 0.2	1.04	14	230	< 0.5	< 2	0.56	< 0.5	30	20	47	8.19	10	< 1	0.16	10	0.40	2450
2450	201	229	180	0.2	0.95	4	190	< 0.5	< 2	0.54	0.5	28	22	48	7.00	10	< 1	0.13	20	0.39	1885
2451	201	229	50	< 0.2	1.16	6	190	< 0.5	< 2	0.60	< 0.5	30	26	58	7.73	10	< 1	0.15	20	0.52	1875
2452	203	205	20	< 0.2	1.78	6	180	< 0.5	< 2	1.07	< 0.5	24	35	41	6.39	10	< 1	0.34	20	0.56	1255
2453	201	229	25	< 0.2	1.42	2	300	< 0.5	< 2	0.72	0.5	35	47	94	7.71	10	< 1	0.13	10	0.98	1675
2454	201	229	75	0.2	1.51	6	240	< 0.5	< 2	0.65	< 0.5	34	23	91	7.02	10	< 1	0.10	10	1.00	1810
2455	201	229	145	0.2	1.72	14	400	< 0.5	< 2	1.92	< 0.5	33	62	73	7.45	10	< 1	0.15	< 10	0.99	1525
2456	203	205	160	0.2	1.86	16	230	< 0.5	< 2	0.40	< 0.5	22	47	56	5.95	10	< 1	0.31	< 10	0.49	970
2457	203	205	600	0.2	1.86	22	180	< 0.5	< 2	0.46	< 0.5	17	55	69	5.30	10	< 1	0.29	10	0.74	820
2458	201	229	135	< 0.2	2.53	132	140	< 0.5	< 2	2.62	0.5	36	170	149	7.70	10	< 1	0.10	< 10	1.60	1440
2459	201	229	230	< 0.2	3.69	86	240	< 0.5	< 2	2.79	0.5	51	328	190	6.59	10	< 1	0.06	< 10	2.97	1760
2460	201	229	650	0.4	2.10	40	190	< 0.5	< 2	0.34	< 0.5	32	30	113	6.82	< 10	< 1	0.16	< 10	0.66	1715
2461	201	229	15	0.2	2.51	194	180	< 0.5	< 2	0.80	1.0	48	57	269	8.20	10	< 1	0.17	< 10	1.05	1790
2462	201	229	10	0.2	3.11	< 2	130	< 0.5	2	0.96	0.5	34	260	138	4.77	< 10	< 1	0.15	< 10	3.68	930
2466	201	229	< 5	0.2	2.87	78	190	< 0.5	< 2	0.80	0.5	36	216	195	6.79	10	< 1	0.14	< 10	2.49	1645
2467	201	229	< 5	0.2	3.24	14	120	< 0.5	< 2	0.83	< 0.5	31	176	191	5.55	10	< 1	0.13	< 10	2.97	1200
2468	201	229	< 5	< 0.2	2.84	< 2	150	< 0.5	4	0.78	< 0.5	28	86	143	6.02	10	< 1	0.20	< 10	2.49	1510
2469	201	229	< 5	< 0.2	2.67	88	250	< 0.5	6	2.61	< 0.5	48	235	208	8.53	10	< 1	0.31	10	1.64	1965
2470	201	229	< 5	< 0.2	3.13	54	260	< 0.5	< 2	0.87	< 0.5	46	259	195	8.29	10	< 1	0.19	10	2.65	1865
2471	201	229	< 5	< 0.2	1.51	2	180	< 0.5	2	11.20	< 0.5	32	188	118	5.88	< 10	< 1	0.16	< 10	1.23	1390
2472	201	229	5	< 0.2	3.15	12	210	< 0.5	4	0.92	< 0.5	36	274	147	6.37	10	1	0.17	10	3.42	1385
2473	203	205	< 5	< 0.2	3.04	< 2	130	< 0.5	8	1.55	< 0.5	28	266	110	4.74	10	1	0.19	< 10	3.80	800
2474	201	229	5	< 0.2	3.92	18	180	< 0.5	< 2	1.27	< 0.5	41	343	148	6.30	10	1	0.25	< 10	4.70	1360
2475	201	229	< 5	< 0.2	3.99	18	150	< 0.5	4	1.53	< 0.5	37	326	177	5.95	10	< 1	0.17	< 10	5.12	1095
2476	203	205	< 5	< 0.2	3.27	22	160	< 0.5	< 2	2.44	< 0.5	31	229	150	5.39	10	< 1	0.28	< 10	3.36	945

CERTIFICATION: 

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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
2434	203 205	< 1	0.04	87	910	< 2	2	7	47	0.20	< 10	< 10	103	10	50	10
2435	203 205	< 1	0.05	90	1180	2	6	10	24	0.24	< 10	< 10	165	10	72	20
2436	201 229	< 1	0.03	91	1090	6	2	19	27	0.12	< 10	< 10	168	10	70	20
2437	201 229	< 1	0.07	73	850	4	2	9	33	0.18	< 10	< 10	102	10	50	10
2438	201 229	< 1	0.02	77	890	< 2	4	22	29	0.14	< 10	< 10	210	20	72	20
2439	201 229	< 1	0.01	194	940	2	2	38	41	0.01	< 10	< 10	204	20	86	110
2440	201 229	2	0.02	71	1150	6	4	22	46	< 0.01	< 10	< 10	124	20	110	270
2441	201 229	6	0.01	20	1370	< 2	4	8	27	< 0.01	< 10	< 10	42	< 10	114	80
2442	201 229	1	0.01	39	1410	2	4	12	20	0.01	< 10	< 10	79	10	132	30
2443	201 229	2	0.01	33	1340	< 2	6	14	18	0.01	< 10	< 10	67	10	160	40
2444	203 205	1	0.03	33	970	< 2	6	12	20	0.01	< 10	< 10	79	10	112	100
2445	201 229	< 1	0.01	50	980	2	6	17	16	0.01	< 10	< 10	122	10	124	130
2446	201 229	3	0.01	48	1630	4	6	10	45	< 0.01	< 10	< 10	60	10	152	30
2447	201 229	5	0.01	18	1970	4	6	9	39	< 0.01	< 10	< 10	53	10	148	40
2448	203 205	2	0.03	31	1580	4	4	12	35	< 0.01	< 10	< 10	87	10	152	30
2449	201 229	4	0.01	24	1900	4	6	13	35	< 0.01	< 10	< 10	64	10	196	20
2450	201 229	5	0.01	27	1840	4	4	10	35	< 0.01	< 10	< 10	50	10	162	50
2451	201 229	1	0.01	30	1640	4	4	14	30	< 0.01	< 10	< 10	87	10	158	20
2452	203 205	3	0.02	24	1380	2	4	11	50	< 0.01	< 10	< 10	76	10	128	50
2453	201 229	< 1	0.01	39	1150	< 2	4	19	23	< 0.01	< 10	< 10	128	10	144	10
2454	201 229	1	0.01	28	1770	< 2	6	11	27	< 0.01	< 10	< 10	99	10	130	10
2455	201 229	4	0.01	49	920	8	4	18	49	< 0.01	< 10	< 10	109	10	136	30
2456	203 205	2	0.03	23	1030	6	4	13	31	< 0.01	< 10	< 10	85	10	112	90
2457	203 205	4	0.04	31	930	< 2	4	12	41	0.01	< 10	< 10	71	< 10	82	150
2458	201 229	2	0.01	100	1220	4	6	25	107	< 0.01	< 10	< 10	120	20	102	80
2459	201 229	< 1	0.01	116	1330	< 2	4	32	92	< 0.01	< 10	< 10	189	20	80	120
2460	201 229	6	0.01	29	1230	16	6	16	19	< 0.01	< 10	< 10	60	10	98	100
2461	201 229	1	0.02	50	1090	< 2	4	27	30	< 0.01	< 10	< 10	134	10	116	30
2462	201 229	< 1	0.03	109	1010	2	2	13	33	0.20	< 10	< 10	129	10	66	20
2466	201 229	< 1	0.03	111	1130	4	4	26	28	0.10	< 10	< 10	180	10	102	30
2467	201 229	< 1	0.04	87	940	2	< 2	18	35	0.16	< 10	< 10	179	10	90	20
2468	201 229	< 1	0.03	42	920	2	4	23	25	0.12	< 10	< 10	190	< 10	78	10
2469	201 229	< 1	0.01	145	1230	8	8	47	35	< 0.01	< 10	< 10	200	10	102	220
2470	201 229	< 1	0.02	141	1440	2	6	38	31	< 0.01	< 10	< 10	209	10	112	50
2471	201 229	< 1	0.01	88	890	< 2	4	35	38	< 0.01	< 10	< 10	132	20	62	70
2472	201 229	< 1	0.05	129	1230	2	2	22	34	0.12	< 10	< 10	170	10	94	20
2473	203 205	< 1	0.13	109	1080	2	2	17	54	0.15	< 10	< 10	154	10	66	20
2474	201 229	< 1	0.07	171	1200	6	6	20	32	0.22	< 10	< 10	179	10	88	10
2475	201 229	< 1	0.07	156	990	4	2	18	38	0.24	< 10	< 10	176	10	84	30
2476	203 205	< 1	0.09	119	1230	6	4	19	59	0.14	< 10	< 10	162	10	86	50

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NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

Project : BANDIT
Comments: ATTN: DUNHAM CRAIG

Page Number :4-A
Total Pages :6
Certificate Date: 26-JUL-94
Invoice No. :I9420375
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9420375

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2477	201	229	5	< 0.2	3.25	16	200	< 0.5	< 2	1.11	< 0.5	42	234	192	6.80	10	< 1	0.13	< 10	3.38	1655
2478	201	229	10	0.2	3.32	38	190	< 0.5	< 2	0.57	< 0.5	42	110	136	7.73	10	< 1	0.09	< 10	1.98	1765
2479	203	205	5	< 0.2	3.65	20	260	< 0.5	4	1.28	< 0.5	33	139	98	6.87	10	< 1	0.20	10	2.28	1335
2480	201	229	40	0.4	2.65	24	270	< 0.5	4	0.66	< 0.5	40	102	124	7.62	10	< 1	0.09	10	1.58	1765
2481	201	229	60	< 0.2	2.63	2	340	< 0.5	< 2	0.46	< 0.5	33	84	79	6.71	10	1	0.10	10	1.75	1720
2482	201	229	110	0.2	2.12	2	350	< 0.5	< 2	0.49	< 0.5	31	46	63	6.75	10	< 1	0.12	20	1.15	2110
2483	201	229	80	0.2	1.58	< 2	340	< 0.5	< 2	0.68	< 0.5	32	25	66	6.79	10	< 1	0.09	10	0.82	2050
2484	201	229	155	0.2	1.49	< 2	230	< 0.5	< 2	1.32	< 0.5	26	17	62	5.84	10	< 1	0.07	10	0.85	1655
2485	201	229	25	0.2	0.89	12	300	< 0.5	2	5.84	1.0	13	18	34	3.70	< 10	< 1	0.04	< 10	1.40	665
2486	201	229	405	0.2	1.38	16	440	< 0.5	4	0.86	< 0.5	31	32	63	6.27	10	< 1	0.10	10	0.77	1380
2487	201	229	370	< 0.2	1.49	2	230	< 0.5	< 2	0.85	< 0.5	27	20	49	6.43	10	< 1	0.11	20	0.93	1765
2488	201	229	360	< 0.2	1.25	< 2	290	< 0.5	< 2	0.79	< 0.5	26	20	49	7.03	10	< 1	0.10	10	0.53	1780
2489	201	229	55	< 0.2	2.13	< 2	310	< 0.5	< 2	4.61	< 0.5	27	56	63	5.55	10	< 1	0.11	< 10	1.26	1285
2490	201	229	60	< 0.2	2.49	< 2	440	< 0.5	< 2	0.87	< 0.5	34	110	103	6.74	10	< 1	0.12	10	1.73	1860
2491	201	229	65	< 0.2	2.10	2	310	< 0.5	6	0.48	< 0.5	33	55	81	6.20	10	< 1	0.08	10	1.35	1600
2492	201	229	85	0.2	2.00	20	280	< 0.5	2	5.35	< 0.5	37	74	74	6.27	10	< 1	0.09	< 10	1.03	1620
2493	201	229	550	< 0.2	2.13	18	440	< 0.5	2	0.48	< 0.5	35	63	72	9.26	10	< 1	0.16	10	0.85	2240
2494	201	229	420	< 0.2	3.39	38	410	< 0.5	< 2	0.52	< 0.5	46	225	76	8.56	10	< 1	0.11	10	2.05	2460
2495	201	229	340	< 0.2	2.98	78	310	< 0.5	2	1.06	< 0.5	42	232	111	8.05	10	< 1	0.06	< 10	1.95	2000
2496	201	229	215	< 0.2	3.45	18	310	< 0.5	< 2	0.85	< 0.5	42	155	138	6.27	10	< 1	0.14	< 10	2.26	1815
2501	201	229	< 5	< 0.2	1.66	2	80	< 0.5	4	0.55	< 0.5	10	63	60	2.78	< 10	< 1	0.06	< 10	1.03	360
2502	201	229	< 5	< 0.2	2.61	6	150	< 0.5	< 2	0.47	< 0.5	14	95	101	3.69	10	< 1	0.09	< 10	1.47	535
2503	201	229	< 5	< 0.2	1.70	4	90	< 0.5	< 2	0.57	< 0.5	13	73	69	3.16	< 10	< 1	0.06	< 10	1.19	490
2504	201	229	< 5	< 0.2	2.23	6	130	< 0.5	4	0.54	< 0.5	18	89	82	3.49	< 10	< 1	0.06	< 10	1.30	630
2505	201	229	< 5	< 0.2	1.92	6	110	< 0.5	< 2	0.57	< 0.5	16	66	66	3.35	< 10	< 1	0.05	10	1.09	580
2506	201	229	< 5	< 0.2	1.94	8	120	< 0.5	< 2	0.50	< 0.5	15	65	68	3.39	10	< 1	0.05	< 10	1.08	650
2507	201	229	10	< 0.2	1.66	6	100	< 0.5	2	0.49	< 0.5	15	69	71	3.37	< 10	< 1	0.04	< 10	1.08	570
2508	201	229	< 5	< 0.2	1.78	8	130	< 0.5	< 2	0.44	< 0.5	18	54	60	3.81	10	< 1	0.07	< 10	0.96	775
2509	201	229	< 5	< 0.2	2.08	8	110	< 0.5	2	0.38	< 0.5	15	64	64	3.70	10	< 1	0.05	< 10	1.17	660
2510	201	229	< 5	< 0.2	1.46	8	90	< 0.5	< 2	0.45	< 0.5	13	53	50	3.16	< 10	< 1	0.04	< 10	0.92	485
2511	201	229	< 5	< 0.2	2.43	4	150	< 0.5	< 2	0.57	< 0.5	15	66	41	3.80	10	< 1	0.07	< 10	1.40	650
2512	201	229	< 5	< 0.2	2.34	4	140	< 0.5	< 2	0.42	< 0.5	11	61	43	3.16	10	< 1	0.04	< 10	1.18	390
2513	201	229	< 5	< 0.2	2.27	2	150	< 0.5	6	0.67	< 0.5	15	65	38	3.33	10	< 1	0.04	< 10	1.27	565
2514	201	229	< 5	< 0.2	1.48	4	80	< 0.5	< 2	0.45	< 0.5	12	52	46	2.83	< 10	1	0.03	< 10	0.88	390
2515	201	229	< 5	< 0.2	1.85	4	120	< 0.5	2	0.49	< 0.5	11	63	64	3.34	< 10	< 1	0.06	< 10	1.10	490
2516	201	229	15	< 0.2	1.67	4	90	< 0.5	2	0.50	< 0.5	12	60	58	3.38	< 10	< 1	0.04	10	1.00	485
2517	201	229	5	< 0.2	1.46	6	80	< 0.5	2	0.49	< 0.5	15	59	61	3.20	< 10	1	0.04	< 10	0.93	495
2518	201	229	< 5	0.2	2.14	10	100	< 0.5	< 2	0.51	< 0.5	16	86	79	3.76	10	< 1	0.07	< 10	1.27	670
2519	201	229	30	< 0.2	1.73	6	80	< 0.5	2	0.47	< 0.5	25	93	116	4.12	< 10	< 1	0.04	< 10	1.15	545
2520	203	205	< 5	< 0.2	1.98	2	70	< 0.5	2	0.70	< 0.5	19	112	64	3.28	< 10	< 1	0.12	< 10	1.48	560

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Project : BANDIT
Comments: ATTN: DUNHAM CRAIG

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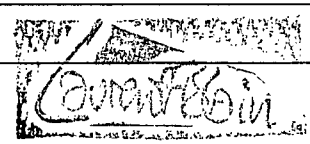
CERTIFICATE OF ANALYSIS A9420375

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
2477	201	229	< 1	0.02	131	1060	4	10	25	29	0.08	< 10	< 10	165	10	94	50
2478	201	229	2	0.01	68	1160	12	4	22	38	< 0.01	< 10	< 10	117	< 10	122	40
2479	203	205	< 1	0.03	67	1340	18	6	21	58	0.01	< 10	< 10	130	< 10	108	40
2480	201	229	3	0.01	63	1220	16	6	20	39	0.01	< 10	< 10	107	< 10	114	50
2481	201	229	1	0.01	48	1250	8	6	18	25	< 0.01	< 10	< 10	117	< 10	106	50
2482	201	229	4	0.01	29	1300	4	6	16	28	< 0.01	< 10	< 10	91	< 10	132	30
2483	201	229	2	0.01	24	2370	12	4	14	30	0.01	< 10	< 10	95	< 10	144	10
2484	201	229	< 1	0.01	16	1720	8	8	16	37	< 0.01	< 10	< 10	89	< 10	114	10
2485	201	229	4	0.01	23	1170	22	6	10	77	< 0.01	< 10	< 10	34	< 10	236	80
2486	201	229	3	0.01	43	2720	8	8	11	47	< 0.01	< 10	< 10	83	< 10	212	230
2487	201	229	2	0.01	25	2120	4	4	11	40	< 0.01	< 10	< 10	75	< 10	140	20
2488	201	229	3	0.01	24	2310	14	2	10	37	< 0.01	< 10	< 10	54	< 10	152	20
2489	201	229	< 1	0.01	36	1210	4	4	15	135	< 0.01	< 10	< 10	99	10	102	10
2490	201	229	1	0.01	57	1030	8	4	22	44	< 0.01	< 10	< 10	115	< 10	114	30
2491	201	229	1	0.01	39	1460	10	4	14	23	< 0.01	< 10	< 10	95	< 10	148	10
2492	201	229	3	0.02	39	1320	4	6	18	75	< 0.01	< 10	< 10	88	10	92	60
2493	201	229	8	0.08	35	1220	18	8	18	58	< 0.01	< 10	< 10	88	< 10	94	60
2494	201	229	4	0.03	105	1520	10	6	25	58	< 0.01	< 10	< 10	151	< 10	96	100
2495	201	229	2	0.01	114	1090	4	2	29	56	< 0.01	< 10	< 10	165	< 10	100	120
2496	201	229	2	0.02	83	1230	4	4	17	51	0.01	< 10	< 10	127	< 10	60	140
2501	201	229	< 1	0.02	31	870	4	4	7	43	0.11	< 10	< 10	76	< 10	46	10
2502	201	229	< 1	0.01	47	830	2	2	11	34	0.09	< 10	< 10	90	< 10	72	50
2503	201	229	< 1	0.02	35	950	2	2	7	38	0.11	< 10	< 10	86	< 10	54	10
2504	201	229	< 1	0.02	47	830	2	2	9	37	0.11	< 10	< 10	92	< 10	56	20
2505	201	229	< 1	0.02	33	750	4	6	8	43	0.12	< 10	< 10	93	< 10	50	10
2506	201	229	< 1	0.02	33	760	6	< 2	7	36	0.11	< 10	< 10	94	< 10	54	10
2507	201	229	< 1	0.01	36	800	6	2	7	28	0.09	< 10	< 10	90	< 10	52	20
2508	201	229	< 1	0.01	28	720	4	4	9	33	0.10	< 10	< 10	106	< 10	62	20
2509	201	229	< 1	0.01	32	800	6	4	8	28	0.09	< 10	< 10	100	< 10	60	30
2510	201	229	< 1	0.01	28	670	6	6	6	30	0.10	< 10	< 10	87	< 10	44	30
2511	201	229	< 1	0.02	31	700	4	6	9	39	0.15	< 10	< 10	106	< 10	70	20
2512	201	229	< 1	0.02	28	490	< 2	2	7	37	0.12	< 10	< 10	85	< 10	66	20
2513	201	229	< 1	0.02	26	810	4	2	6	44	0.17	< 10	< 10	100	< 10	68	10
2514	201	229	< 1	0.01	25	780	2	2	6	30	0.10	< 10	< 10	79	< 10	42	10
2515	201	229	< 1	0.01	32	760	6	4	8	31	0.11	< 10	< 10	90	< 10	56	10
2516	201	229	< 1	0.01	29	820	6	6	7	33	0.12	< 10	< 10	94	< 10	46	20
2517	201	229	< 1	0.01	31	810	2	4	6	31	0.10	< 10	< 10	90	< 10	46	10
2518	201	229	< 1	0.02	43	870	8	6	8	36	0.12	< 10	< 10	104	< 10	58	20
2519	201	229	< 1	0.01	50	470	4	6	7	35	0.13	< 10	< 10	103	< 10	50	10
2520	203	205	< 1	0.06	45	700	2	4	7	50	0.12	< 10	< 10	89	< 10	50	20

CERTIFICATION: 

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SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2521	201	229	20	< 0.2	3.39	16	120	< 0.5	2	0.41	< 0.5	54	244	217	6.06	10	< 1	0.04	< 10	2.50	1040
2522	201	229	< 5	< 0.2	2.38	6	120	< 0.5	< 2	0.39	< 0.5	36	132	134	3.62	< 10	< 1	0.03	< 10	1.26	750
2523	201	229	< 5	< 0.2	3.77	2	70	< 0.5	< 2	0.76	< 0.5	46	400	189	5.50	10	< 1	0.03	< 10	3.85	655
2524	201	229	< 5	< 0.2	4.05	< 2	80	< 0.5	< 2	0.50	< 0.5	52	281	207	7.67	10	< 1	0.05	< 10	3.20	460
2525	201	229	5	0.2	3.74	< 2	50	< 0.5	2	0.61	< 0.5	50	395	181	6.42	10	< 1	0.04	< 10	4.13	750
2526	201	229	14	0.2	2.29	6	110	< 0.5	< 2	0.41	< 0.5	19	104	102	3.79	10	< 1	0.04	< 10	1.36	540
2527	201	229	< 5	0.2	2.64	4	120	< 0.5	< 2	0.50	0.5	26	145	131	4.31	10	< 1	0.06	< 10	1.74	630
2528	201	229	5	0.2	2.05	8	120	< 0.5	< 2	0.62	< 0.5	19	95	111	3.52	< 10	< 1	0.06	< 10	1.28	560
2529	201	229	< 5	< 0.2	2.22	8	140	< 0.5	2	0.59	< 0.5	16	87	106	3.58	< 10	< 1	0.06	< 10	1.23	505
2530	201	229	< 5	0.2	2.41	14	80	< 0.5	< 2	0.61	< 0.5	29	189	135	4.05	< 10	< 1	0.05	< 10	1.91	560
2531	201	229	5	< 0.2	2.51	14	40	< 0.5	< 2	0.82	< 0.5	32	196	136	3.85	< 10	< 1	0.04	< 10	2.03	490
2532	201	229	< 5	< 0.2	3.26	8	100	< 0.5	< 2	0.81	0.5	31	211	177	4.80	10	< 1	0.08	< 10	2.95	905
2533	201	229	< 5	< 0.2	3.40	2	140	< 0.5	< 2	3.60	0.5	31	257	174	4.68	10	< 1	0.19	< 10	3.37	685
2534	201	229	< 5	< 0.2	2.95	4	70	< 0.5	< 2	1.84	0.5	55	409	294	4.62	< 10	< 1	0.12	< 10	3.57	655
2535	201	229	< 5	< 0.2	2.88	4	70	< 0.5	< 2	1.72	0.5	47	416	279	4.26	< 10	< 1	0.27	< 10	3.70	625
2536	201	229	< 5	< 0.2	2.69	8	40	< 0.5	< 2	1.12	0.5	63	398	399	4.45	< 10	< 1	0.11	< 10	3.25	710
2537	201	229	< 5	< 0.2	2.86	6	130	< 0.5	< 2	1.62	< 0.5	29	211	149	4.23	10	< 1	0.14	< 10	2.76	660
3302	201	229	< 5	< 0.2	2.70	78	160	< 0.5	< 2	2.26	0.5	31	195	165	5.79	10	< 1	0.18	< 10	2.63	1230
3303	203	205	< 5	< 0.2	2.91	14	190	< 0.5	< 2	2.20	< 0.5	26	201	137	5.01	10	< 1	0.31	< 10	2.85	830
3304	201	229	< 5	< 0.2	3.34	2	150	< 0.5	< 2	1.10	0.5	33	322	153	4.82	10	< 1	0.21	< 10	4.48	925
3305	201	229	< 5	0.2	3.17	2	120	< 0.5	< 2	1.15	< 0.5	31	285	146	4.48	< 10	< 1	0.16	< 10	4.15	860
3306	203	205	< 5	0.4	3.10	22	100	< 0.5	< 2	3.83	0.5	35	168	170	5.22	10	< 1	0.24	< 10	2.12	1170
3307	201	229	10	0.2	2.71	8	180	< 0.5	< 2	3.10	0.5	46	243	177	6.11	10	< 1	0.17	< 10	2.89	1665
3308	203	205	5	0.2	3.66	4	130	< 0.5	< 2	1.90	0.5	34	297	133	5.60	10	< 1	0.18	< 10	3.99	935
3309	201	229	5	< 0.2	3.30	6	130	< 0.5	< 2	1.00	< 0.5	34	296	149	5.21	10	< 1	0.14	< 10	3.94	1085
3310	201	229	30	0.2	3.29	18	230	< 0.5	< 2	0.97	0.5	40	284	140	6.72	10	< 1	0.14	< 10	3.10	1545
3311	201	229	30	< 0.2	3.44	24	260	< 0.5	< 2	1.36	0.5	26	154	103	6.07	10	< 1	0.27	< 10	1.92	1070
3312	203	205	35	< 0.2	3.16	20	300	< 0.5	< 2	1.00	< 0.5	31	184	101	6.49	10	< 1	0.24	< 10	1.95	1215
3313	203	205	85	0.2	3.01	24	290	< 0.5	< 2	0.65	0.5	31	165	105	6.62	10	< 1	0.21	10	1.94	1520
3314	203	205	95	0.2	2.34	10	260	< 0.5	< 2	0.44	< 0.5	23	88	58	5.88	10	< 1	0.24	10	1.04	990
3315	201	229	125	0.2	2.04	16	300	< 0.5	< 2	0.43	< 0.5	34	89	84	7.10	10	< 1	0.10	10	1.10	1655
3316	201	229	80	0.2	2.27	4	370	< 0.5	< 2	0.42	< 0.5	33	77	107	7.52	10	< 1	0.12	10	1.23	1945
3317	201	229	10	0.2	3.35	12	150	< 0.5	< 2	0.49	0.5	33	78	91	7.78	10	< 1	0.09	10	2.18	1510
3318	201	229	15	0.2	3.38	12	150	< 0.5	< 2	0.52	1.0	32	69	85	7.60	10	< 1	0.09	10	2.12	1470
3319	201	229	10	0.2	3.09	12	170	< 0.5	< 2	0.65	1.0	34	71	98	7.41	10	< 1	0.12	20	2.03	1440
3320	201	229	< 5	0.2	2.84	6	110	< 0.5	< 2	0.51	0.5	25	30	70	6.73	10	< 1	0.11	10	1.62	1290
3321	201	229	< 5	0.6	2.47	24	140	< 0.5	< 2	0.49	0.5	35	25	106	7.48	10	< 1	0.09	10	1.32	1315
3322	201	229	< 5	0.2	2.45	12	100	< 0.5	< 2	0.39	< 0.5	25	21	75	6.39	10	< 1	0.09	10	1.34	1165
3323	203	205	< 5	0.2	3.42	12	160	< 0.5	< 2	0.32	0.5	22	48	65	5.64	10	< 1	0.26	10	1.76	880
3324	203	205	20	0.2	3.27	8	230	< 0.5	< 2	0.41	0.5	25	36	78	6.57	10	< 1	0.22	10	1.75	1150

CERTIFICATION:

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

Project : BANDIT
Comments: ATTN: DUNHAM CRAIG

Certificate Date: 26-JUL-94
Invoice No. :I9420375
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9420375

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
2521	201 229	< 1	0.01	145	1060	36	4	14	25	0.11	< 10	< 10	122	< 10	76	50
2522	201 229	< 1	0.01	68	1560	12	2	8	23	0.03	< 10	< 10	86	< 10	52	50
2523	201 229	1	0.02	171	830	16	2	15	40	0.12	< 10	< 10	158	< 10	48	20
2524	201 229	< 1	0.05	122	2080	8	4	19	60	0.16	< 10	< 10	180	< 10	34	20
2525	201 229	< 1	0.02	177	1360	6	4	18	30	0.17	< 10	< 10	166	< 10	38	10
2526	201 229	< 1	0.01	49	540	8	2	9	30	0.10	< 10	< 10	103	10	62	10
2527	201 229	< 1	0.01	67	630	8	4	12	29	0.10	< 10	< 10	113	10	60	20
2528	201 229	< 1	0.01	47	740	8	2	9	30	0.10	< 10	< 10	93	10	58	20
2529	201 229	< 1	0.01	44	560	6	4	9	33	0.11	< 10	< 10	95	10	56	10
2530	201 229	< 1	0.01	95	850	8	2	9	37	0.14	< 10	< 10	101	10	46	30
2531	201 229	< 1	0.02	108	800	6	2	10	45	0.16	< 10	< 10	96	10	36	10
2532	201 229	< 1	0.02	102	760	6	2	16	34	0.11	< 10	< 10	132	20	44	20
2533	201 229	< 1	0.04	113	880	6	< 2	14	105	0.12	< 10	< 10	128	20	40	10
2534	201 229	5	0.04	170	1270	6	< 2	10	68	0.16	< 10	< 10	112	20	54	20
2535	201 229	3	0.04	167	1320	4	< 2	8	59	0.14	< 10	< 10	105	10	58	10
2536	201 229	5	0.04	195	1370	4	2	8	60	0.14	< 10	< 10	100	10	62	10
2537	201 229	1	0.03	95	890	4	2	12	110	0.10	< 10	< 10	114	10	38	10
3302	201 229	< 1	0.04	99	1140	2	< 2	22	51	0.06	< 10	< 10	152	20	80	20
3303	203 205	< 1	0.09	82	1230	6	2	20	53	0.10	< 10	< 10	158	20	70	10
3304	201 229	< 1	0.06	134	1050	< 2	2	14	32	0.21	< 10	< 10	134	20	62	10
3305	201 229	< 1	0.04	123	850	2	4	12	37	0.22	< 10	< 10	119	20	56	20
3306	203 205	< 1	0.03	90	1220	< 2	2	21	90	< 0.01	< 10	< 10	150	20	70	80
3307	201 229	< 1	0.01	111	820	< 2	2	32	70	< 0.01	< 10	< 10	142	20	82	80
3308	203 205	< 1	0.04	135	960	4	< 2	23	56	0.09	< 10	< 10	167	20	76	40
3309	201 229	< 1	0.04	126	940	< 2	< 2	18	36	0.17	< 10	< 10	144	20	68	10
3310	201 229	< 1	0.04	140	1160	14	4	23	40	0.10	< 10	< 10	156	20	98	50
3311	201 229	< 1	0.05	72	1160	8	4	18	67	0.02	< 10	< 10	130	10	90	70
3312	203 205	1	0.03	88	1070	14	6	21	48	< 0.01	< 10	< 10	133	10	96	70
3313	203 205	2	0.04	85	1030	8	2	19	41	0.02	< 10	< 10	123	10	96	90
3314	203 205	2	0.03	43	1020	12	4	14	37	< 0.01	< 10	< 10	83	10	88	70
3315	201 229	3	0.01	49	1200	10	4	17	31	< 0.01	< 10	< 10	97	10	98	50
3316	201 229	1	0.01	47	1020	10	2	21	24	< 0.01	< 10	< 10	113	10	120	20
3317	201 229	1	0.01	37	1360	12	6	17	32	0.01	< 10	< 10	127	20	110	10
3318	201 229	< 1	0.01	35	1460	< 2	< 2	17	32	< 0.01	< 10	< 10	118	10	108	10
3319	201 229	1	0.01	33	1940	2	6	17	43	0.01	< 10	< 10	108	20	100	10
3320	201 229	< 1	0.01	25	1330	8	2	11	30	< 0.01	< 10	< 10	85	10	110	10
3321	201 229	2	0.01	28	1180	2	4	13	29	< 0.01	< 10	< 10	74	10	110	20
3322	201 229	3	0.01	25	1150	8	2	11	22	< 0.01	< 10	< 10	62	10	106	20
3323	203 205	< 1	0.06	22	980	4	2	11	28	< 0.01	< 10	< 10	87	10	88	10
3324	203 205	< 1	0.04	22	1050	4	6	12	37	0.02	< 10	< 10	112	10	96	20

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NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

Project : BANDIT
Comments: ATTN: DUNHAM CRAIG

Certificate Date: 26-JUL-94
Invoice No. :I9420375
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9420375

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
3325	203	205	< 5	< 0.2	3.33	< 2	120	< 0.5	< 2	0.39	0.5	21	41	57	5.82	10	< 1	0.23	10	1.82	850
3326	203	205	< 5	< 0.2	3.53	< 2	180	< 0.5	< 2	0.37	< 0.5	23	35	43	7.22	10	< 1	0.15	10	1.86	1145
3327	201	229	200	0.4	3.00	10	200	< 0.5	< 2	0.52	< 0.5	26	46	75	6.52	10	< 1	0.06	10	1.29	1595
3328	203	205	< 5	< 0.2	3.36	6	130	< 0.5	< 2	0.32	0.5	21	50	66	6.09	10	< 1	0.21	10	1.81	965
3329	201	229	< 5	0.2	2.91	8	290	< 0.5	< 2	1.17	0.5	43	24	80	10.65	20	< 1	0.17	30	1.87	3610
3330	201	229	< 5	0.4	2.76	6	250	< 0.5	< 2	0.90	0.5	42	26	113	9.77	20	< 1	0.20	20	1.76	2820
3331	201	229	< 5	0.4	2.94	20	200	< 0.5	< 2	0.54	0.5	44	99	105	7.89	10	< 1	0.14	10	2.21	1800
3332	201	229	< 5	0.2	3.14	8	190	< 0.5	< 2	0.64	0.5	41	304	79	7.41	10	< 1	0.10	10	2.75	1675
3333	201	229	< 5	< 0.2	3.01	6	180	< 0.5	< 2	0.54	0.5	36	219	79	7.23	10	< 1	0.11	< 10	2.36	1405
3334	201	229	15	0.2	2.69	8	190	< 0.5	< 2	0.64	0.5	34	154	125	6.37	10	< 1	0.10	< 10	2.27	1475
3335	201	229	20	0.2	2.60	4	170	< 0.5	< 2	0.71	0.5	31	176	118	5.71	10	< 1	0.11	< 10	2.44	1185

CERTIFICATION: 

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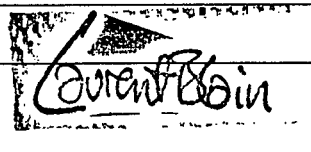
NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

Project : BANDIT
Comments: ATTN: DUNHAM CRAIG

Page Number :6-B
Total Pages :6
Certificate Date: 26-JUL-94
Invoice No. :I9420375
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9420375

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
3325	203	205	< 1	0.03	22	1290	< 2	2	9	27	< 0.01	< 10	< 10	78	10	90	10
3326	203	205	< 1	0.02	17	990	4	4	12	24	< 0.01	< 10	< 10	112	10	102	30
3327	201	229	1	0.01	23	2180	8	4	15	32	0.01	< 10	< 10	113	10	82	40
3328	203	205	< 1	0.03	22	1110	2	6	12	22	< 0.01	< 10	< 10	99	10	102	20
3329	201	229	1	0.01	15	4010	8	6	23	57	0.15	< 10	< 10	162	10	146	40
3330	201	229	2	0.01	24	2560	12	8	17	55	0.17	< 10	< 10	157	10	142	40
3331	201	229	2	0.01	50	1370	10	4	18	34	0.07	< 10	< 10	138	10	118	30
3332	201	229	1	0.01	139	970	4	2	23	29	0.03	< 10	< 10	128	10	106	40
3333	201	229	< 1	0.01	110	1150	6	< 2	20	26	0.02	< 10	< 10	124	10	106	30
3334	201	229	1	0.02	82	1080	12	2	17	31	0.07	< 10	< 10	117	10	98	30
3335	201	229	1	0.03	91	1040	< 2	4	15	30	0.09	< 10	< 10	114	10	86	40

CERTIFICATION: 

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NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
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Project : RAM/REEF
Comments: CC: RICK ZURAN

Page Number :2-A
Total Pages :4
Certificate Date: 03-AUG-94
Invoice No. :19421158
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9421158

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1550	202	203	< 5	0.2	2.74	190	110	< 0.5	2	0.47	< 0.5	35	67	179	7.32	< 10	< 1	0.18	< 10	1.49	940
1551	202	203	< 5	< 0.2	3.03	82	60	< 0.5	2	0.70	0.5	26	76	131	5.75	< 10	< 1	0.12	< 10	1.94	840
1552	202	203	5	< 0.2	3.22	56	90	< 0.5	< 2	0.48	1.0	38	57	196	7.13	< 10	< 1	0.17	< 10	1.89	905
1553	202	203	< 5	< 0.2	3.11	22	40	< 0.5	< 2	0.94	0.5	24	83	127	5.39	< 10	< 1	0.08	< 10	2.14	810
3336	201	202	< 5	< 0.2	3.61	16	100	< 0.5	< 2	0.92	< 0.5	42	527	187	5.58	< 10	< 1	< 0.01	< 10	4.92	1415
3337	202	203	< 5	< 0.2	3.25	< 2	30	< 0.5	< 2	1.20	< 0.5	29	379	123	4.54	< 10	< 1	< 0.01	< 10	4.54	745
3338	201	202	< 5	< 0.2	2.72	126	180	< 0.5	< 2	0.76	< 0.5	48	300	207	7.31	< 10	< 1	0.10	< 10	2.42	2210
3339	201	202	60	0.2	2.49	72	270	< 0.5	< 2	0.77	1.5	49	162	229	7.44	< 10	< 1	0.10	< 10	1.96	1655
3340	201	202	100	< 0.2	2.31	60	200	< 0.5	4	0.51	2.0	49	136	240	7.64	< 10	< 1	0.09	< 10	1.74	1600
3341	201	202	550	0.4	1.84	56	300	< 0.5	< 2	0.46	0.5	50	104	233	7.79	< 10	< 1	0.09	< 10	1.28	1810
3342	201	202	800	0.2	1.54	42	480	< 0.5	< 2	0.48	< 0.5	56	102	246	8.44	< 10	< 1	0.12	< 10	0.93	2530
3343	201	202	550	0.2	1.79	58	290	< 0.5	< 2	0.49	0.5	42	97	233	8.16	< 10	< 1	0.10	< 10	1.19	1790
3344	201	202	180	0.2	1.84	40	470	< 0.5	< 2	0.47	< 0.5	47	79	239	8.16	< 10	< 1	0.13	< 10	1.21	2260
3345	201	202	120	0.2	2.07	38	490	< 0.5	< 2	0.50	< 0.5	47	92	268	8.22	< 10	< 1	0.13	10	1.27	2620
3346	201	202	110	0.2	1.82	28	390	< 0.5	< 2	0.39	< 0.5	43	59	294	8.53	< 10	< 1	0.11	10	1.06	2560
3347	201	202	280	< 0.2	1.72	32	410	< 0.5	< 2	0.39	< 0.5	40	53	271	8.18	< 10	< 1	0.11	10	0.99	2540
3348	202	203	55	< 0.2	2.04	4	160	< 0.5	< 2	0.51	< 0.5	27	44	149	6.66	< 10	< 1	0.16	< 10	1.32	1245
3349	202	203	35	< 0.2	2.24	12	130	< 0.5	< 2	0.38	< 0.5	25	45	129	6.31	< 10	< 1	0.20	< 10	1.38	1135
3350	201	202	1450	0.4	1.79	38	280	< 0.5	< 2	0.41	< 0.5	33	49	217	7.59	< 10	< 1	0.10	< 10	1.04	1770
3351	202	203	85	< 0.2	2.25	18	140	< 0.5	< 2	0.45	< 0.5	25	58	123	6.01	< 10	< 1	0.13	< 10	1.59	1090
3352	201	202	255	< 0.2	1.84	18	230	< 0.5	< 2	0.29	< 0.5	32	54	185	7.45	< 10	< 1	0.08	< 10	1.18	1765
3353	202	203	140	< 0.2	2.05	24	140	< 0.5	< 2	0.33	< 0.5	26	56	132	6.05	< 10	< 1	0.12	< 10	1.39	1195
3354	202	203	35	< 0.2	1.82	4	120	< 0.5	< 2	0.31	< 0.5	22	41	134	6.21	< 10	< 1	0.11	< 10	1.18	1340
3355	202	203	45	< 0.2	2.12	6	140	< 0.5	< 2	0.35	< 0.5	28	61	109	6.45	< 10	< 1	0.13	< 10	1.22	1695
3356	201	202	325	0.6	1.32	16	490	< 0.5	< 2	0.32	< 0.5	36	34	135	9.16	< 10	< 1	0.13	< 10	0.56	2090
3357	201	202	155	0.4	1.52	6	880	< 0.5	< 2	0.76	< 0.5	27	33	111	8.32	< 10	< 1	0.13	< 10	0.52	2250
3358	201	202	75	0.2	1.52	2	640	< 0.5	< 2	0.77	< 0.5	26	38	71	7.15	10	< 1	0.16	10	0.54	2400
3359	202	203	65	< 0.2	2.51	22	100	< 0.5	< 2	0.39	< 0.5	25	57	125	6.12	< 10	< 1	0.17	< 10	1.72	1105
3360	202	203	5	< 0.2	2.60	< 2	80	< 0.5	< 2	0.41	< 0.5	22	49	104	5.84	< 10	< 1	0.16	< 10	1.79	965
3361	202	203	95	< 0.2	2.55	8	90	< 0.5	< 2	0.33	< 0.5	25	54	125	6.37	< 10	< 1	0.16	< 10	1.69	1155
3362	202	203	80	< 0.2	2.57	12	80	< 0.5	< 2	0.36	< 0.5	21	48	113	5.92	< 10	< 1	0.17	< 10	1.73	1005
3363	201	202	155	< 0.2	2.41	12	170	< 0.5	< 2	0.29	< 0.5	33	71	230	6.97	< 10	< 1	0.11	< 10	1.65	1815
3364	201	202	440	< 0.2	2.26	18	210	< 0.5	2	0.29	< 0.5	33	69	229	7.12	< 10	< 1	0.09	10	1.48	1950
3365	201	202	170	0.2	2.35	20	290	< 0.5	< 2	0.34	< 0.5	36	67	282	7.15	< 10	< 1	0.10	10	1.41	2550
3366	201	202	95	< 0.2	2.14	18	190	< 0.5	2	0.28	< 0.5	31	83	205	6.84	< 10	< 1	0.09	< 10	1.58	1735
3367	201	202	150	< 0.2	2.12	20	240	< 0.5	< 2	0.30	< 0.5	32	85	252	7.18	< 10	< 1	0.09	10	1.53	2080
3368	202	203	15	< 0.2	2.08	< 2	100	< 0.5	< 2	0.32	< 0.5	23	53	137	5.80	< 10	< 1	0.13	< 10	1.57	995
3369	201	202	30	< 0.2	1.42	14	180	< 0.5	< 2	0.28	< 0.5	31	52	209	6.98	< 10	< 1	0.10	< 10	0.94	1435
3370	201	202	90	< 0.2	2.07	28	230	< 0.5	< 2	0.45	< 0.5	38	70	336	6.91	< 10	< 1	0.08	< 10	1.46	1985
3371	201	202	60	0.2	1.72	52	350	< 0.5	< 2	0.48	< 0.5	53	50	253	7.79	< 10	< 1	0.10	< 10	0.89	2020

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

Project : RAM/REEF
Comments: CC: RICK ZURAN

Page Number :2-B
Total Pages :4
Certificate Date: 03-AUG-94
Invoice No. :I9421158
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9421158

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
1550	202	203	6	0.01	57	860	16	4	16	23	0.09	< 10	< 10	135	10	478	50
1551	202	203	1	0.02	50	870	20	4	13	35	0.20	< 10	< 10	133	10	416	20
1552	202	203	4	0.01	51	870	46	6	14	24	0.12	< 10	< 10	133	10	584	40
1553	202	203	< 1	0.03	47	860	18	4	14	43	0.26	< 10	< 10	148	10	546	30
3336	201	202	< 1	0.01	146	850	< 2	2	21	30	0.17	< 10	< 10	162	10	66	30
3337	202	203	< 1	0.03	127	870	< 2	4	13	50	0.23	< 10	< 10	124	10	54	20
3338	201	202	< 1	0.01	114	1070	< 2	6	35	21	0.02	< 10	< 10	181	10	266	50
3339	201	202	2	0.01	85	880	6	6	27	25	0.03	< 10	< 10	167	10	772	100
3340	201	202	3	< 0.01	82	870	8	6	26	20	0.03	< 10	< 10	175	10	888	80
3341	201	202	9	< 0.01	92	840	2	6	27	23	0.02	< 10	< 10	169	10	654	90
3342	201	202	12	< 0.01	98	780	< 2	8	31	26	0.01	< 10	< 10	187	10	378	100
3343	201	202	6	< 0.01	76	920	4	6	29	21	0.02	< 10	< 10	182	< 10	562	80
3344	201	202	4	< 0.01	61	720	< 2	6	28	22	0.01	< 10	< 10	181	10	394	50
3345	201	202	3	< 0.01	70	790	< 2	8	31	20	< 0.01	< 10	< 10	173	10	344	90
3346	201	202	4	< 0.01	41	740	< 2	8	28	16	0.02	< 10	< 10	171	< 10	268	80
3347	201	202	6	< 0.01	37	740	< 2	6	25	19	0.04	< 10	< 10	164	10	222	60
3348	202	203	2	0.02	25	910	< 2	4	17	18	0.03	< 10	< 10	140	< 10	120	40
3349	202	203	2	0.02	23	880	< 2	4	15	16	0.03	< 10	< 10	129	20	112	30
3350	201	202	4	0.01	33	720	< 2	4	23	21	0.07	< 10	< 10	145	10	226	60
3351	202	203	1	0.02	31	760	< 2	6	13	19	0.08	< 10	< 10	131	10	172	30
3352	201	202	3	< 0.01	36	770	< 2	6	19	12	0.04	< 10	< 10	148	10	206	60
3353	202	203	2	0.02	30	720	< 2	2	14	16	0.07	< 10	< 10	131	10	158	40
3354	202	203	1	0.03	21	850	< 2	4	17	16	0.06	< 10	< 10	146	10	102	40
3355	202	203	< 1	0.02	29	810	4	6	16	17	0.06	< 10	< 10	147	10	140	40
3356	201	202	8	< 0.01	32	1160	< 2	6	21	17	0.01	< 10	< 10	82	10	158	90
3357	201	202	6	< 0.01	24	1710	2	6	23	30	< 0.01	< 10	< 10	84	20	170	70
3358	201	202	8	< 0.01	26	2090	2	8	20	37	0.01	< 10	< 10	75	20	136	60
3359	202	203	1	0.02	33	890	2	4	14	19	0.06	< 10	< 10	128	10	130	40
3360	202	203	< 1	0.02	27	930	< 2	2	12	20	0.05	< 10	< 10	124	10	100	40
3361	202	203	< 1	0.02	36	850	< 2	2	14	16	0.06	< 10	< 10	129	10	122	30
3362	202	203	< 1	0.02	29	840	< 2	4	13	17	0.05	< 10	< 10	121	10	116	40
3363	201	202	< 1	0.01	49	920	< 2	8	20	14	0.05	< 10	< 10	150	20	180	60
3364	201	202	< 1	< 0.01	49	860	< 2	4	21	14	0.05	< 10	< 10	150	10	152	60
3365	201	202	< 1	< 0.01	47	920	< 2	4	24	14	0.02	< 10	< 10	146	10	136	50
3366	201	202	< 1	< 0.01	58	910	< 2	4	19	11	0.03	< 10	< 10	145	10	126	50
3367	201	202	< 1	< 0.01	62	1010	< 2	6	24	47	0.03	< 10	< 10	158	10	146	70
3368	202	203	< 1	0.02	37	900	< 2	4	13	16	0.06	< 10	< 10	131	10	118	40
3369	201	202	< 1	< 0.01	49	1030	< 2	4	18	12	0.03	< 10	< 10	134	10	170	50
3370	201	202	2	< 0.01	49	840	4	4	22	21	0.08	< 10	< 10	148	10	254	80
3371	201	202	2	0.01	56	870	4	6	21	22	0.07	< 10	< 10	136	10	364	90

CERTIFICATION: Stuart Bichler

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NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

Project : RAM/REEF
Comments: CC: RICK ZURAN

Certificate Date: 03-AUG-94
Invoice No. :I9421158
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9421158

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1436	202	203	< 5	< 0.2	3.13	< 2	30	< 0.5	< 2	1.06	< 0.5	31	339	98	4.05	< 10	< 1	0.02	< 10	3.94	700
1437	201	202	< 5	< 0.2	3.43	< 2	80	< 0.5	< 2	0.80	< 0.5	41	549	214	5.03	< 10	< 1	< 0.01	< 10	4.79	1375
1438	201	202	5	< 0.2	3.56	18	150	< 0.5	< 2	0.78	< 0.5	49	472	274	6.04	< 10	< 1	0.03	< 10	4.36	2080
1439	201	202	155	< 0.2	1.78	26	260	< 0.5	2	0.51	< 0.5	38	167	295	5.99	< 10	< 1	0.10	< 10	1.80	1480
1440	201	202	220	0.2	1.79	20	220	< 0.5	< 2	0.51	< 0.5	39	171	268	5.75	< 10	< 1	0.08	< 10	1.87	1365
1441	201	202	175	0.2	1.62	20	300	< 0.5	< 2	0.31	< 0.5	43	81	262	8.05	< 10	< 1	0.11	< 10	1.14	2520
1442	201	202	900	< 0.2	1.51	2	240	< 0.5	< 2	0.31	< 0.5	37	69	211	8.07	< 10	< 1	0.11	< 10	1.07	2090
1443	201	202	1000	0.4	1.42	4	260	< 0.5	< 2	0.34	< 0.5	41	57	239	8.52	< 10	< 1	0.12	< 10	0.94	2170
1518	202	203	< 5	< 0.2	3.12	36	40	< 0.5	< 2	0.82	< 0.5	21	83	150	5.35	< 10	< 1	0.11	< 10	2.00	755
1519	202	203	< 5	< 0.2	3.07	18	30	< 0.5	6	0.98	< 0.5	21	82	133	5.15	< 10	< 1	0.10	< 10	1.91	760
1520	201	202	< 5	0.2	3.82	24	150	< 0.5	< 2	0.92	< 0.5	33	74	211	5.42	< 10	< 1	0.07	< 10	1.62	1160
1521	201	202	5	< 0.2	3.37	32	120	< 0.5	4	1.04	< 0.5	32	70	205	5.30	< 10	< 1	0.08	< 10	1.72	1190
1522	201	202	< 5	< 0.2	3.34	42	140	< 0.5	< 2	0.82	< 0.5	53	74	228	5.90	< 10	< 1	0.07	< 10	1.88	1510
1523	201	202	5	< 0.2	3.17	44	110	< 0.5	< 2	0.61	< 0.5	43	61	205	6.15	< 10	< 1	0.06	< 10	1.76	1210
1524	201	202	< 5	< 0.2	3.32	54	80	< 0.5	< 2	0.62	< 0.5	38	65	182	6.21	< 10	< 1	0.09	< 10	1.84	1190
1525	202	203	< 5	< 0.2	3.75	28	40	< 0.5	4	0.87	< 0.5	23	115	107	5.83	< 10	< 1	0.10	< 10	2.79	935
1526	202	203	< 5	< 0.2	3.45	46	40	< 0.5	< 2	0.84	< 0.5	24	86	131	5.94	< 10	< 1	0.11	< 10	2.24	935
1527	202	203	< 5	< 0.2	3.42	34	50	< 0.5	2	0.96	< 0.5	24	83	128	5.88	< 10	< 1	0.11	< 10	2.16	920
1528	201	202	< 5	< 0.2	3.11	50	50	< 0.5	< 2	0.87	0.5	36	63	189	6.78	< 10	< 1	0.06	< 10	1.98	1020
1529	201	202	< 5	< 0.2	2.94	52	40	< 0.5	< 2	0.79	0.5	37	58	176	6.60	< 10	< 1	0.04	< 10	1.90	1155
1530	201	202	< 5	< 0.2	2.89	132	100	< 0.5	< 2	0.50	1.5	94	42	473	9.18	< 10	< 1	0.07	10	1.56	2260
1531	201	202	5	< 0.2	2.86	62	80	< 0.5	< 2	0.40	1.0	45	51	217	7.46	< 10	< 1	0.08	< 10	1.59	1050
1532	201	202	5	0.2	2.30	158	110	< 0.5	< 2	0.36	0.5	45	47	206	7.74	< 10	< 1	0.11	< 10	1.17	1195
1533	201	202	15	< 0.2	2.21	124	140	< 0.5	< 2	0.46	< 0.5	54	73	238	8.11	< 10	< 1	0.10	< 10	1.15	1525
1534	202	203	25	< 0.2	2.77	72	80	< 0.5	< 2	0.67	< 0.5	26	120	119	5.81	< 10	< 1	0.14	< 10	1.62	920
1535	201	202	5	< 0.2	2.77	94	150	< 0.5	< 2	0.37	< 0.5	32	102	130	6.61	< 10	< 1	0.08	< 10	1.19	1155
1536	201	202	15	< 0.2	1.96	82	170	< 0.5	< 2	0.40	< 0.5	45	114	192	7.76	< 10	< 1	0.09	< 10	0.99	1465
1537	202	203	10	< 0.2	2.99	26	70	< 0.5	< 2	0.47	< 0.5	27	113	114	6.15	< 10	< 1	0.13	< 10	1.99	1045
1538	202	203	10	< 0.2	2.29	32	100	< 0.5	< 2	0.51	< 0.5	25	93	127	6.00	< 10	< 1	0.13	< 10	1.41	1065
1539	201	202	550	0.2	2.09	8	440	< 0.5	< 2	0.35	< 0.5	29	75	234	7.85	< 10	< 1	0.09	< 10	1.21	1370
1540	201	202	1250	0.2	2.59	18	120	< 0.5	< 2	0.20	< 0.5	33	76	221	8.30	< 10	< 1	0.10	< 10	1.14	1680
1541	202	203	10	< 0.2	2.53	18	80	< 0.5	< 2	0.45	< 0.5	24	61	118	5.92	< 10	< 1	0.16	< 10	1.43	985
1542	201	202	35	< 0.2	1.97	30	150	< 0.5	< 2	0.24	< 0.5	30	59	166	6.82	< 10	< 1	0.09	< 10	1.01	1480
1543	201	202	50	< 0.2	1.53	52	190	< 0.5	< 2	0.25	< 0.5	31	55	170	6.95	< 10	< 1	0.08	< 10	0.66	1560
1544	201	202	60	< 0.2	1.57	36	270	< 0.5	< 2	0.29	< 0.5	31	58	205	7.51	< 10	< 1	0.08	< 10	0.71	1680
1545	201	202	60	< 0.2	1.62	38	160	< 0.5	< 2	0.24	< 0.5	31	40	247	8.13	< 10	< 1	0.09	< 10	0.80	2130
1546	201	202	20	< 0.2	1.50	68	170	< 0.5	< 2	0.29	< 0.5	36	60	220	8.44	< 10	< 1	0.08	< 10	0.65	1850
1547	201	202	15	< 0.2	0.81	90	230	< 0.5	< 2	0.33	< 0.5	48	155	227	9.84	< 10	< 1	0.08	< 10	0.36	2310
1548	201	202	5	< 0.2	1.82	146	320	< 0.5	< 2	0.52	< 0.5	59	77	220	8.46	< 10	< 1	0.09	< 10	0.98	1970
1549	201	202	< 5	< 0.2	2.78	144	130	< 0.5	< 2	0.57	< 0.5	52	71	224	7.94	< 10	< 1	0.10	< 10	1.43	1565

CERTIFICATION: Hart Bichler

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1436	202	203	< 1	0.04	143	860	2	4	14	47	0.21	< 10	< 10	120	< 10	44	10
1437	201	202	< 1	0.01	152	770	2	4	18	31	0.19	< 10	< 10	133	10	62	20
1438	201	202	< 1	0.01	150	920	< 2	< 2	24	31	0.16	< 10	< 10	162	10	88	30
1439	201	202	2	< 0.01	81	870	< 2	4	15	24	0.08	< 10	< 10	132	10	118	30
1440	201	202	1	0.01	76	780	< 2	< 2	16	24	0.08	< 10	< 10	130	10	126	30
1441	201	202	3	< 0.01	52	850	< 2	4	24	15	0.03	< 10	< 10	162	10	160	40
1442	201	202	1	< 0.01	46	840	< 2	8	23	14	0.03	< 10	< 10	166	10	156	50
1443	201	202	2	< 0.01	42	780	< 2	6	23	14	0.03	< 10	< 10	152	10	148	70
1518	202	203	< 1	0.03	36	920	6	4	14	36	0.27	< 10	< 10	145	10	150	10
1519	202	203	< 1	0.04	36	840	6	6	13	43	0.29	< 10	< 10	147	10	152	20
1520	201	202	< 1	0.01	41	1030	20	6	15	110	0.23	< 10	< 10	142	10	134	20
1521	201	202	< 1	0.01	37	920	14	4	14	106	0.28	< 10	< 10	139	10	132	30
1522	201	202	< 1	0.01	49	900	24	4	18	47	0.21	< 10	< 10	136	10	148	30
1523	201	202	< 1	0.01	45	800	22	4	15	43	0.20	< 10	< 10	125	10	154	20
1524	201	202	< 1	0.01	41	740	16	4	17	35	0.17	< 10	< 10	131	10	150	10
1525	202	203	< 1	0.03	48	800	16	2	18	39	0.24	< 10	< 10	161	10	156	10
1526	202	203	< 1	0.02	44	690	34	4	15	37	0.24	< 10	< 10	152	10	388	30
1527	202	203	< 1	0.03	42	690	42	8	14	45	0.27	< 10	< 10	149	10	368	20
1528	201	202	1	0.01	42	840	38	6	14	36	0.29	< 10	< 10	145	10	556	20
1529	201	202	< 1	< 0.01	38	930	24	6	13	26	0.30	< 10	< 10	135	10	530	50
1530	201	202	3	< 0.01	57	950	16	8	20	31	0.12	< 10	< 10	130	10	1250	140
1531	201	202	4	< 0.01	47	990	20	6	14	21	0.14	< 10	< 10	121	10	730	40
1532	201	202	7	< 0.01	58	950	16	4	16	18	0.08	< 10	< 10	105	10	676	40
1533	201	202	5	< 0.01	84	1070	8	6	19	24	0.09	< 10	< 10	114	10	364	70
1534	202	203	< 1	0.02	72	790	< 2	4	17	33	0.15	< 10	< 10	135	10	216	20
1535	201	202	1	< 0.01	70	1090	3	6	14	21	0.07	< 10	< 10	131	10	234	10
1536	201	202	2	< 0.01	88	1070	2	8	20	20	0.06	< 10	< 10	120	< 10	214	80
1537	202	203	< 1	0.02	70	850	12	2	15	25	0.12	< 10	< 10	147	10	180	20
1538	202	203	1	0.02	62	950	10	2	15	26	0.11	< 10	< 10	133	10	172	20
1539	201	202	4	0.01	46	590	< 2	4	25	23	0.02	< 10	< 10	116	< 10	102	70
1540	201	202	< 1	0.01	47	1270	4	6	21	16	0.05	< 10	< 10	137	10	116	40
1541	202	203	< 1	0.02	39	860	2	4	13	25	0.08	< 10	< 10	128	< 10	160	10
1542	201	202	< 1	< 0.01	46	1060	4	6	17	12	0.03	< 10	< 10	126	< 10	174	40
1543	201	202	1	< 0.01	49	1070	< 2	4	19	13	0.03	< 10	< 10	119	< 10	182	70
1544	201	202	1	< 0.01	49	1040	2	8	20	12	0.03	< 10	< 10	132	< 10	184	40
1545	201	202	1	< 0.01	34	1170	< 2	6	26	10	0.03	< 10	< 10	169	< 10	166	60
1546	201	202	2	< 0.01	63	1040	< 2	6	26	14	0.02	< 10	< 10	171	< 10	314	40
1547	201	202	2	< 0.01	250	1360	< 2	10	38	15	< 0.01	< 10	< 10	161	< 10	254	50
1548	201	202	3	< 0.01	89	860	6	10	24	22	0.06	< 10	< 10	131	10	428	130
1549	201	202	2	0.01	58	1080	12	8	21	26	0.10	< 10	< 10	137	10	416	120

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3372	202	203	65	0.2	1.96	32	120	< 0.5	< 2	0.58	1.0	35	52	170	7.13	< 10	< 1	0.07	< 10	1.16	1135
3373	202	203	85	< 0.2	2.73	96	110	< 0.5	< 2	0.65	2.0	40	48	191	7.37	10	< 1	0.10	< 10	1.51	1160
3374	201	202	5	0.2	3.13	30	120	< 0.5	< 2	0.66	2.0	78	75	259	7.28	< 10	< 1	0.06	< 10	1.71	1305
3375	202	203	< 5	< 0.2	3.35	8	60	< 0.5	4	0.95	< 0.5	24	152	121	5.46	< 10	< 1	0.09	< 10	2.53	835
3376	202	203	15	< 0.2	3.28	30	90	< 0.5	4	0.50	0.5	37	104	167	6.46	< 10	< 1	0.08	< 10	2.01	1050
3377	201	202	140	0.2	1.98	32	220	< 0.5	2	0.33	< 0.5	41	42	296	6.94	< 10	< 1	0.10	< 10	1.15	1965
3378	201	202	145	0.2	2.12	22	200	< 0.5	< 2	0.34	< 0.5	35	59	229	7.01	10	< 1	0.10	< 10	1.35	1870
3379	201	202	140	< 0.2	2.33	30	240	< 0.5	6	0.35	< 0.5	36	58	260	7.30	10	< 1	0.12	10	1.23	2260
3380	201	202	95	< 0.2	2.07	26	160	< 0.5	< 2	0.31	< 0.5	30	53	203	6.56	< 10	< 1	0.10	< 10	1.26	1555
3381	202	203	15	< 0.2	2.54	< 2	110	< 0.5	< 2	0.41	< 0.5	23	85	145	6.09	< 10	1	0.18	< 10	1.72	1155
3501	202	203	190	< 0.2	1.64	< 2	170	< 0.5	2	0.34	< 0.5	29	61	168	6.72	< 10	< 1	0.19	< 10	1.01	1385
3502	201	202	365	0.2	1.25	< 2	280	< 0.5	4	0.33	< 0.5	41	44	258	8.47	< 10	< 1	0.09	< 10	0.77	2360
3503	201	202	155	0.2	1.92	18	320	< 0.5	< 2	0.47	< 0.5	42	76	293	8.87	10	< 1	0.11	< 10	1.24	2510
3504	201	202	205	0.2	1.44	18	250	< 0.5	< 2	0.25	< 0.5	38	59	202	8.06	< 10	< 1	0.09	< 10	0.83	1990
3505	201	202	700	0.2	1.63	12	270	< 0.5	< 2	0.29	< 0.5	38	57	205	7.98	< 10	< 1	0.09	< 10	0.90	2020
3506	201	202	550	0.2	1.39	14	240	< 0.5	< 2	0.28	< 0.5	33	51	160	7.59	< 10	< 1	0.09	< 10	0.81	1630
3507	201	202	175	< 0.2	1.45	6	220	< 0.5	2	0.23	< 0.5	34	55	151	7.92	10	< 1	0.10	10	0.82	1985
3508	201	202	600	< 0.2	1.08	8	270	< 0.5	< 2	0.21	< 0.5	27	37	95	7.19	< 10	< 1	0.11	10	0.57	1875
3509	201	202	20	< 0.2	0.79	< 2	430	0.5	4	0.73	< 0.5	25	24	45	6.67	10	< 1	0.17	20	0.40	1615
3510	201	202	100	< 0.2	2.21	26	210	< 0.5	4	0.30	< 0.5	24	45	133	7.16	10	2	0.09	10	1.03	1650
3511	201	202	1300	0.2	2.31	32	150	< 0.5	2	0.32	< 0.5	32	42	201	6.98	10	< 1	0.12	< 10	1.35	1555
3512	201	202	130	< 0.2	2.27	22	120	< 0.5	4	0.32	< 0.5	30	45	188	7.21	10	1	0.12	< 10	1.43	1450
3513	201	202	460	0.2	2.06	46	250	< 0.5	< 2	0.34	< 0.5	40	42	269	7.63	< 10	< 1	0.12	< 10	1.16	2100
3514	201	202	< 5	< 0.2	3.28	12	80	< 0.5	2	0.73	< 0.5	34	174	166	6.04	10	2	0.06	< 10	2.76	1235
3515	202	203	< 5	0.2	3.13	12	50	< 0.5	4	0.89	< 0.5	30	147	156	5.50	< 10	< 1	0.06	< 10	2.52	900
3516	202	203	5	0.2	2.90	20	60	0.5	4	0.78	< 0.5	31	179	153	5.28	< 10	< 1	0.04	< 10	2.62	865
3517	202	203	< 5	< 0.2	3.11	4	60	< 0.5	2	0.90	< 0.5	28	140	135	5.18	< 10	< 1	0.07	< 10	2.40	810
3518	202	203	< 5	< 0.2	3.77	38	80	< 0.5	2	0.51	1.0	47	139	158	7.07	10	1	0.14	< 10	2.96	1205
3519	202	203	< 5	0.2	3.30	6	40	< 0.5	8	1.14	< 0.5	25	144	116	5.30	< 10	< 1	0.04	< 10	2.77	870
3520	201	202	5	0.4	2.97	58	90	< 0.5	6	0.64	3.5	82	96	302	7.95	10	< 1	0.07	< 10	1.94	1330
3521	202	203	< 5	0.2	3.40	12	60	< 0.5	4	0.78	0.5	40	105	176	6.65	10	< 1	0.05	< 10	2.43	1000
3522	201	202	80	0.2	1.02	44	170	< 0.5	< 2	0.28	< 0.5	35	33	245	8.32	< 10	< 1	0.14	< 10	0.39	1840
3523	201	202	160	< 0.2	1.44	66	160	< 0.5	2	0.37	< 0.5	43	53	196	7.71	< 10	< 1	0.11	< 10	0.65	1750
3524	201	202	100	< 0.2	1.10	32	200	< 0.5	2	0.35	< 0.5	44	104	182	8.03	< 10	< 1	0.08	< 10	0.64	2150
3525	201	202	60	0.2	1.78	32	260	< 0.5	< 2	0.33	< 0.5	41	59	277	6.98	< 10	< 1	0.08	10	0.97	1940
3526	201	202	40	< 0.2	2.20	4	220	< 0.5	4	0.30	< 0.5	41	54	293	7.00	< 10	1	0.10	10	1.50	2080
3527	201	202	45	0.2	2.45	16	290	< 0.5	2	0.38	< 0.5	34	47	248	7.18	10	< 1	0.10	10	1.21	2090
3528	202	203	5	< 0.2	2.71	10	120	< 0.5	< 2	0.33	< 0.5	25	75	129	6.10	< 10	< 1	0.21	< 10	1.83	1220
3529	201	202	30	< 0.2	2.43	12	160	< 0.5	4	0.28	< 0.5	31	60	177	6.94	< 10	< 1	0.10	< 10	1.47	1645
3530	202	203	10	< 0.2	2.67	2	130	< 0.5	< 2	0.28	< 0.5	28	63	146	6.45	< 10	< 1	0.17	< 10	1.46	1445

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NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

Project : RAM/REEF
Comments: CC: RICK ZURAN

Certificate Date: 03-AUG-94
Invoice No. : I9421158
P.O. Number : EX441622
Account : DRRA

CERTIFICATE OF ANALYSIS A9421158

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
3372	202	203	8	< 0.01	51	1160	10	4	19	26	0.09	< 10	< 10	137	10	414	40
3373	202	203	7	< 0.01	45	1010	8	6	21	27	0.05	< 10	< 10	150	10	760	50
3374	201	202	1	0.01	64	990	12	6	17	40	0.21	< 10	< 10	140	20	1420	80
3375	202	203	< 1	0.06	69	910	12	4	15	49	0.28	< 10	< 10	152	10	232	10
3376	202	203	2	0.01	67	1120	26	8	15	27	0.18	< 10	< 10	140	10	464	30
3377	201	202	< 1	< 0.01	39	980	8	4	17	19	0.06	< 10	< 10	145	10	252	70
3378	201	202	1	0.01	47	1080	8	8	18	17	0.05	< 10	< 10	155	10	208	30
3379	201	202	1	< 0.01	49	1240	6	6	21	19	0.06	< 10	< 10	151	10	258	80
3380	201	202	2	< 0.01	42	1040	8	4	16	17	0.06	< 10	< 10	139	10	194	30
3381	202	203	< 1	0.03	37	970	4	6	14	20	0.06	< 10	< 10	143	10	138	30
3501	202	203	2	0.02	37	920	< 2	4	17	16	0.02	< 10	< 10	134	10	134	40
3502	201	202	3	< 0.01	41	870	< 2	6	24	14	0.02	< 10	< 10	154	< 10	162	90
3503	201	202	2	< 0.01	48	930	< 2	4	29	18	0.03	< 10	< 10	167	10	270	70
3504	201	202	3	< 0.01	47	860	2	6	24	13	0.03	< 10	< 10	163	< 10	190	50
3505	201	202	3	< 0.01	40	840	4	8	24	15	0.04	< 10	< 10	160	10	204	50
3506	201	202	4	< 0.01	39	890	6	6	20	15	0.04	< 10	< 10	130	< 10	166	50
3507	201	202	2	< 0.01	48	1070	< 2	8	21	12	0.02	< 10	< 10	130	< 10	162	50
3508	201	202	3	< 0.01	37	1020	4	6	18	13	0.01	< 10	< 10	84	< 10	140	20
3509	201	202	4	< 0.01	24	1400	4	10	13	27	< 0.01	< 10	< 10	54	< 10	120	30
3510	201	202	2	< 0.01	30	1280	4	6	15	19	0.03	< 10	< 10	126	10	196	40
3511	201	202	1	< 0.01	29	880	2	6	19	17	0.04	< 10	< 10	160	10	174	30
3512	201	202	1	0.01	30	950	2	8	20	15	0.04	< 10	< 10	163	10	180	30
3513	201	202	2	< 0.01	31	910	6	6	22	18	0.04	< 10	< 10	170	< 10	224	50
3514	201	202	< 1	0.02	92	1080	16	4	19	36	0.16	< 10	< 10	167	10	146	30
3515	202	203	1	0.04	68	1180	14	4	15	48	0.23	< 10	< 10	158	10	206	10
3516	202	203	< 1	0.03	78	920	26	< 2	13	43	0.23	< 10	< 10	141	10	210	10
3517	202	203	< 1	0.03	71	960	16	4	16	40	0.19	< 10	< 10	154	10	86	10
3518	202	203	< 1	0.02	81	1050	14	2	22	17	0.06	< 10	< 10	182	10	498	20
3519	202	203	< 1	0.04	69	980	12	4	16	49	0.36	< 10	< 10	165	10	190	10
3520	201	202	4	0.02	75	950	32	6	17	36	0.18	< 10	< 10	146	10	1490	160
3521	202	203	1	0.01	64	990	10	4	16	37	0.23	< 10	< 10	165	10	536	20
3522	201	202	2	0.01	52	1330	2	8	21	11	0.01	< 10	< 10	142	< 10	220	150
3523	201	202	2	< 0.01	71	1380	4	6	18	18	0.04	< 10	< 10	133	< 10	304	100
3524	201	202	2	< 0.01	136	1290	2	6	25	13	0.02	< 10	< 10	146	< 10	178	50
3525	201	202	1	< 0.01	58	940	6	8	19	18	0.03	< 10	< 10	132	< 10	172	40
3526	201	202	1	< 0.01	46	850	4	6	20	15	0.02	< 10	< 10	134	< 10	120	20
3527	201	202	1	0.01	35	1320	6	6	23	18	0.03	< 10	< 10	140	< 10	132	20
3528	202	203	< 1	0.03	43	920	4	4	15	24	0.03	< 10	< 10	142	10	110	10
3529	201	202	1	0.01	44	1110	2	4	17	15	0.04	< 10	< 10	146	< 10	140	20
3530	202	203	< 1	0.03	35	1010	10	6	15	19	0.04	< 10	< 10	142	< 10	132	20

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

Project : RAM/REEF
Comments: CC: RICK ZURAN

Certificate Date: 03-AUG-94
Invoice No. : I9421158
P.O. Number : EX441622
Account : DRRA

CERTIFICATE OF ANALYSIS A9421158

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
3531	202	203	85	< 0.2	2.40	16	100	< 0.5	< 2	0.19	< 0.5	28	61	135	6.68	< 10	< 1	0.15	< 10	1.26	1430

CERTIFICATION: Ian Bucklen

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VANCOUVER, BC
V6C 1G8

Project : RAM/REEF
Comments: CC: RICK ZURAN

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Certificate Date: 03-AUG-94
Invoice No. : I9421158
P.O. Number : EX441622
Account : DRRA

CERTIFICATE OF ANALYSIS A9421158

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
3531	202	203	< 1	0.03	36	1030	< 2	4	14	15	0.04	< 10	< 10	148	< 10	132	10

CERTIFICATION: Ian H Bichler

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NORTH AMERICAN METALS CORP.
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Project : RAM/REEF
Comments: CC: DUNHAM CRAIG

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Certificate Date: 03-AUG-94
Invoice No. : I9421076
P.O. Number : EX441622
Account : DRRA

CERTIFICATE OF ANALYSIS A9421076

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
12101	205	226	< 5	< 0.2	2.45	14	240	< 0.5	< 2	3.19	< 0.5	26	163	176	5.14	10	< 1	0.62	< 10	2.39	905
12102	205	226	< 5	< 0.2	1.70	22	180	< 0.5	< 2	7.98	< 0.5	24	138	136	4.95	< 10	< 1	0.26	< 10	2.96	1155
12103	205	226	< 5	< 0.2	0.29	4	150	< 0.5	2	4.96	< 0.5	4	69	20	2.51	< 10	< 1	0.04	< 10	0.43	600
12104	205	226	< 5	< 0.2	0.08	4	40	< 0.5	< 2	1.99	< 0.5	2	120	15	1.03	< 10	< 1	< 0.01	< 10	0.34	430
12105	205	226	< 5	0.2	0.47	10	30	< 0.5	< 2	2.41	< 0.5	9	73	42	1.99	< 10	< 1	0.03	< 10	0.24	510
12106✓	214	229	360	< 0.2	0.40	70	160	< 0.5	< 2	1.53	< 0.5	4	143	20	2.06	< 10	< 1	0.04	< 10	0.22	385
12107✓	214	229	145	< 0.2	0.54	24	70	< 0.5	< 2	0.74	< 0.5	1	125	4	3.99	10	< 1	< 0.01	40	0.07	430
12111	205	226	10	< 0.2	0.45	4	70	< 0.5	6	>15.00	0.5	5	8	57	0.87	< 10	< 1	0.04	50	0.33	985
12117	205	226	130	< 0.2	0.32	2	130	< 0.5	< 2	1.45	< 0.5	6	38	5	3.06	10	< 1	0.01	80	0.15	645
12120	205	226	480	< 0.2	0.28	2	30	< 0.5	< 2	0.26	< 0.5	3	41	8	2.53	< 10	< 1	0.02	50	0.03	430

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Project : RAM/REEF
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Page Number :1-B
Total Pages :1
Certificate Date: 03-AUG-94
Invoice No. :I9421076
P.O. Number :EX441622
Account :DRRA

CERTIFICATE OF ANALYSIS A9421076

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
12101	205	226	< 1	0.10	44	1200	< 2	< 2	17	61	0.24	< 10	< 10	243	20	80	10
12102	205	226	< 1	0.02	74	890	< 2	< 2	26	145	< 0.01	< 10	< 10	99	20	70	50
12103	205	226	< 1	0.01	4	180	< 2	< 2	3	86	< 0.01	< 10	< 10	20	10	42	40
12104	205	226	< 1	< 0.01	4	40	< 2	< 2	3	53	< 0.01	< 10	< 10	5	< 10	16	10
12105	205	226	2	0.04	11	610	< 2	< 2	9	57	< 0.01	< 10	< 10	32	< 10	26	20
12106	214	229	< 1	0.08	10	320	4	< 2	4	25	< 0.01	< 10	< 10	12	< 10	32	80
12107	214	229	< 1	0.07	3	170	4	< 2	1	17	< 0.01	< 10	< 10	13	10	46	30
12111	205	226	1	0.02	4	310	2	< 2	4	261	< 0.01	< 10	< 10	8	< 10	14	10
12117	205	226	< 1	0.06	4	250	< 2	< 2	2	15	< 0.01	< 10	< 10	18	10	38	60
12120	205	226	7	0.06	1	110	< 2	< 2	< 1	6	< 0.01	< 10	< 10	4	< 10	38	50

CERTIFICATION: Ian H Bickler

GOLDEN BEAR OPERATING COMPANY

DATE: July 11, 1994

MINE ASSAY REPORT (SAMPLES)

ASSAYER: D

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
12005	0.9m CHIP	.21				
6	0.9m CHIP	.17				
7	1m CHIP	.21				
8	1m CHIP	.10				
12009	1M CHIP	.27				
13001	GRAB	79.44				
2	1M CHIP	6.62				
3	1M CHIP	5.07				
4	1M CHIP	6.07				
5	1M CHIP	5.93				
6	0.7m CHIP	12.14				
7	1.2m CHIP	.14				
8	0.35m CHIP	24.03				
13009	1.0m CHIP	.14				

GOLDEN BEAR OPERATING COMPANY

DATE: July 12, 1994

MINE ASSAY REPORT (SAMPLES)

ASSAYER: D.

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13010	0.3m CHIP	3.09				
1	GRAB	42.72				
2	1.3m CHIP	.58				
3	GRAB	12.07				
4	2m CHIP	.17				
5	2m CHIP	.10				
6	2m CHIP	.10				
7	1m CHIP	.27				
8	2m CHIP	.07				
9	2m CHIP	.62				
20	2m CHIP	.17				
13021	2m CHIP	.27				

GOLDEN BEAR OPERATING COMPANY

DATE: July 13/94

MINE ASSAY REPORT (Grab SAMPLES)

ASSAYER: A. Hoyer

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13022	2m CHIP	0.58				
23	2m CHIP	0.51				
24	0.6m CHIP	0.45				
25	GRAB	1.27				
26	0.7m CHIP	0.17				
27	1.2m CHIP	0.10				
28	0.6m CHIP	0.10				
29	2m CHIP	0.17				
30	2m CHIP	0.07				
31	2m CHIP	0.07				
32	2m CHIP	0.10				
33	2m CHIP	0.21				
34	0.9m CHIP	2.95				
35	2m CHIP	0.31				
36	2m CHIP	0.48				
37	2m CHIP	0.92				
38	2m CHIP	0.51				
39	2m CHIP	0.14				
40	1.6m CHIP	0.10				
41	1m CHIP	0.24				
42	2m CHIP	0.07				
43	2m CHIP	0.48				
44	0.7m CHIP	0.07				
45	GRAB	6.62				

GOLDEN BEAR OPERATING COMPANY

DATE: July w/ 94

MINE ASSAY REPORT (Grab SAMPLES)

ASSAYER: W. Hay

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13047	2 m CHIP	0.38				
48	2 m CHIP	0.79				
49	2 m CHIP	2.74				
50	2 m CHIP	0.24				
51	2 m CHIP	0.10				
52	GRAB	2.02				
53	2 m CHIP	0.51				
54	2 m CHIP	0.65				
55	2 m CHIP	0.65				

GOLDEN BEAR OPERATING COMPANY

DATE: July 16/94

MINE ASSAY REPORT (Grab SAMPLES)

ASSAYER: A. Hogg

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
12106	FLOAT	0.51				
07	2M CHIP	0.17				
13056	2M CHIP	0.65				
52	2M CHIP	0.69				
58	2M CHIP	1.54				
59	2M CHIP	1.10				
60	2M CHIP	1.58				
61	2M CHIP	0.20				
62	2M CHIP	0.17				
63	2M CHIP	0.58				
64	2M CHIP	0.99				
65	2M CHIP	1.30				
66	2M CHIP	0.62				
62	2M CHIP	0.07				
68	2M CHIP	0.24				
69	2M CHIP	0.29				

GOLDEN BEAR OPERATING COMPANY

DATE: July 21/94

MINE ASSAY REPORT (Grab SAMPLES)

ASSAYER: A. Hoppe

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13020	2m CHIP	0.17				
21	2m CHIP	0.31				
22	2m CHIP	0.14				
23	GRAB	27.39				
24	1.1m CHIP	1.37				
25	2m CHIP	1.78				
26	2m CHIP	2.13				
27	2m CHIP	2.95				
28	1.5m CHIP	0.10				
29	1.5m CHIP	0.17				
80	2m CHIP	0.10				
81	1m CHIP	6.10				
82	1m CHIP	0.31				
83	2m CHIP	2.02				
84	2m CHIP	0.96				
85	2m CHIP	1.58				
86	2m CHIP	0.86				

GOLDEN BEAR OPERATING COMPANY

MINE ASSAY REPORT (Grab SAMPLES)

Exploration

DATE: July 23/90

ASSAYER: H. Hoy

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13087	1 m CHIP	1.13				
88	0.3 m CHIP	3.77				
89	0.5 m CHIP	1.92				
90	1 m CHIP	1.68				
91	1 m CHIP	2.54				
92	1 m CHIP	3.24				
93	1 m CHIP	13.65				
94	1 m CHIP	0.10				
95	0.2 m CHIP	4.53				
96	0.35 m CHIP	2.24				
97	1.1 m CHIP	8.26				
98	1 m CHIP	1.03				
99	1.5 m CHIP	6.34				
13100	1 m CHIP	0.22				

GOLDEN BEAR OPERATING COMPANY

DATE: JULY 5, 1984

MINE ASSAY REPORT (GRAB SAMPLES)

ASSAYER: V

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
11910	FLOAT	6.38				
1	FLOAT	5.21				
2	FLOAT	6.65				
3	FLOAT	10.32				
4	FLOAT	.17				
5	FLOAT	.31				
6	1M CHIP	.24				
7	1M CHIP	.38				
8	1M CHIP	.51				
9	1M CHIP	.24				
11920	GRAB	.17				

GOLDEN BEAR OPERATING COMPANY DATE: July 8, 1994

MINE ASSAY REPORT (SAMPLES) ASSAYER: D

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
11921	1M CHIP	.17				
2	1M CHIP	.31				
3	1M CHIP	.62				
4	1M CHIP	5.14				
5	0.4m CHIP	.10				
6	1M CHIP	.51				
7	1M CHIP	.58				
8	1M CHIP	.17				
9	1M CHIP	.62				
30	1M CHIP	1.34				
11931	1M CHIP	2.85				

GOLDEN BEAR OPERATING COMPANY

MINE ASSAY REPORT (SAMPLES)

DATE: July 9, 1994

ASSAYER: S

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
11932	1m CHIP	.21				
3	1m CHIP	5.76				
4	1m CHIP	.34				
5	1m CHIP	.17				
6	1m CHIP	.21				
7	1m CHIP	.14				
8	1m CHIP	.14				
9	1m CHIP	.24				
40	1m CHIP	.03				
1	1m CHIP	.03				
11942	1m CHIP	.14				

GOLDEN BEAR OPERATING COMPANY

DATE: July 11, 1994

MINE ASSAY REPORT (SAMPLES)

ASSAYER: D.

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
11943	1m CHIP	.10				
4	1m CHIP	.10				
5	1m CHIP	.10				
6	2m CHIP	.07				
7	1.4m CHIP	.17				
8	0.9M CHIP	.24				
9	1 M CHIP	.27				
50	1M CHIP	1.03				
1	2 M CHIP	.21				
2	0.22 m CHIP	.27				
3	1M CHIP	.21				
11954	1m CHIP	.38				

GOLDEN BEAR OPERATING COMPANY

DATE: July 23/94

MINE ASSAY REPORT (Grab SAMPLES)

ASSAYER: A. Hoffman

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13201	FLOAT	0.38				
02	FLOAT	TR				
03	FLOAT	0.03				
04	GRAB	0.10				
05	0.15 m CHIP	1.71				
06	FLOAT	1.47				
07	GRAB	0.31				

GOLDEN BEAR OPERATING COMPANY

MINE ASSAY REPORT (SAMPLES)

DATE: Aug. 6/94

ASSAYER: D.

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13208	GRAB	.10				
9	GRAB	.41				
10	GRAB	.38				
1	GRAB	.14				
2	FLOAT	1.06				
13213	FLOAT	8.67				

GOLDEN BEAR OPERATING COMPANY

DATE: Aug. 8/89

MINE ASSAY REPORT (SAMPLES)

ASSAYER: D

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13214	SOIL/TALUS	.17				
5	↓	.48				
6		.10				
7		.62				
8	SOIL/TALUS	.31				
9	FLOAT	6.65				
20	FLOAT	2.06				
1	SOIL/TALUS	.10				
2	↓	.07				
3		.07				
4		.14				
5		.17				
13226	SOIL/TALUS	.07				

GOLDEN BEAR OPERATING COMPANY

DATE: July 17/90

MINE ASSAY REPORT (Grab SAMPLES)

ASSAYER: H Hay

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S %
12113	1m CHIP	0.14				
14	0.5m CHIP	0.14				
15	0.3m CHIP	007				
16	GRAB	0.10				

GOLDEN BEAR OPERATING COMPANY

DATE: July 13/94

MINE ASSAY REPORT (Grab SAMPLES)

ASSAYER: _____

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13046	1.5m CHIP	0.62				
11955	FLOAT	9.29				
56	FLOAT	6.82				
13002	1m CHIP	6.27				
03	1m CHIP	6.68				
04	1m CHIP	6.10				
05	1m CHIP	7.95				
06	0.7m CHIP	13.34				

REASSAYS

GOLDEN BEAR OPERATING COMPANY

DATE: July 18/94

MINE ASSAY REPORT (Grab SAMPLES)

ASSAYER: H. Hagen

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
12118	FLOAT	1.06				
19	FLOAT	TR				
12108	FLOAT	0.10				
09	FLOAT	0.58				
10	FLOAT	TR				
12	2m CHIP	0.10				
13227	GRAB	1.17				

APPENDIX II

(1994 Analytical Methods)

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

A9420375

Comments: ATTN: DUNHAM CRAIG

CERTIFICATE A9420375

NORTH AMERICAN METALS CORP.

Project: BANDIT
P.O. # : EX441622

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-JUL-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	168	Dry, sieve to -80 mesh
203	43	Dry, sieve to -35 mesh
205	43	Geochem ring to approx 150 mesh
229	211	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
17	211	Au ppb	AAS	5	10000
2118	211	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	211	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	211	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	211	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	211	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	211	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	211	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	211	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	211	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	211	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	211	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	211	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	211	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	211	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	211	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	211	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	211	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	211	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	211	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	211	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	211	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	211	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	211	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	211	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	211	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	211	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	211	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	211	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	211	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	211	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	211	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	211	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	211	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

NORTH AMERICAN METALS CORP.
EXPLORATION GOLDEN BEAR MINE
1500 - 700 W. PENDER ST.
VANCOUVER, BC
V6C 1G8

A9421076

Comments: CC: DUNHAM CRAIG

CERTIFICATE A9421076

NORTH AMERICAN METALS CORP.

Project: RAM/REEF
P.O. # : EX441622

Samples submitted to our lab in Vancouver, BC.
This report was printed on 3-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	8	Geochem ring to approx 150 mesh
226	8	0-5 lb crush and split
214	2	Rcvd as pulp; mesh size checked
229	10	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
17	10	Au ppb	AAS	5	10000
2118	10	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	10	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	10	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	10	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	10	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	10	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	10	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	10	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	10	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	10	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	10	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	10	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	10	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	10	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	10	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	10	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	10	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	10	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	10	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	10	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	10	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	10	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	10	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	10	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	10	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	10	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	10	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	10	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	10	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	10	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	10	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	10	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	10	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

GOLDEN BEAR ASSAY LAB - ANALYTICAL PROCEDURE

All rock samples assayed at the Golden Bear assay lab were analyzed for gold only using standard fire assay techniques :

-samples are dried, jaw crushed, and ring milled to 85% -200 mesh.
-one assay ton fused at 1980° and resulting lead button cupelled at 1760°.
-dore bead is then parted in 20% HNO3.
-parted bead is washed, dried, annealed and weighed.
-final weight is recorded, multiplied by 34.286, recorded and reported.

APPENDIX III

(1994 Geophysics Report and Figures)

GEOPHYSICAL REPORT

MAGNETOMETER AND VLF-EM SURVEY

on the

BANDIT GRID

Atlin, Mining Division N.T.S. 104K 1

Prepared for:

NORTH AMERICAN METALS CORP.

#1500 - 700 West Pender Street,
Vancouver, B.C.
V6C 1G8

Prepared by:

Todd A. Ballantyne, P. Geo.

SJ GEOPHYSICS LTD.

11762 - 94th Avenue
Delta, British Columbia
Canada V4C 3R7

July 1994

TABLE OF CONTENTS

LIST OF FIGURES

INTRODUCTION

A magnetometer and VLF-EM survey was completed by SJ Geophysics Ltd. for North American Metals Corp. on the Bandit Grid. The Bandit Grid is located approximately 14 kilometres South of the Golden Bear Mine at Bearskin Lake in the Atlin mining division, B.C. (N.T.S. 104K 1).

The purpose of the survey was to aid in the mapping of local geology and to follow up on previous geophysical surveys conducted in this area. This report is written as an addendum to the report written by North American Metals Corp..

FIELD WORK AND INSTRUMENTATION

The Magnetometer and VLF-EM Survey was completed during the period July 12 to 14, 17, 1994, which comprised three data acquisition days and 1 data processing day. Data acquisition, processing and field presentation was performed by Todd A. Ballantyne (Geophysicist). Surveying was performed at 12.5 metre intervals along 50 metre picketed lines using a hip-chain for infill measurement locations, for a total of 6.2 kilometres. A previously trenched area was surveyed at 5 metre increments on lines 24100 through 24300E. The ruggedness of topography and the use of distant VLF transmitters with weak signal strengths often required multiple measurements to be recorded to ensure data repeatability.

An EDA OMNI PLUS combined proton precession magnetometer and VLF-EM system was used for data acquisition and an EDA OMNI IV proton precession magnetometer was used as a base station. The VLF-EM survey used signals from Cutler (24.0 kHz, NAA), Hawaii (23.4 kHz, NPM) and Jim Creek (Seattle 24.8 kHz, NLK). Seattle is a poorly orientated transmitter for North-South lines, but it was used on the basis that due to it's much greater field strength it may provide additional information. The direction of the VLF-EM survey is positive to the north.

The data was processed as time permitted by a geophysicist. Data was field plotted on an Ink Jet printer and also given to the client as AutoCad files. Final data plotting was performed on a 36 inch Ink Jet Colour Plotter.

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DATA PRESENTATION

The magnetic data, VLF-EM data, filtered VLF-EM data (using a standard four point Fraser filter) and compilation of the magnetic and VLF-EM data are presented on the following plates:

Plate G1A	Magnetometer Survey Total Field Profiles	In Pocket
Plate G1B	Magnetometer Survey Total Field Contours	In Pocket
Plate G1C	Magnetometer Survey Colour Contour Map	In Pocket
Plate G2A	VLF-EM Survey - Cutler, NAA 24.0 kHz Dip Angle & Quadrature Profiles	In Pocket
Plate G2B	VLF-EM Survey - Cutler, NAA 24.0 kHz Fraser Filtered Dip Angle, Total Field Profiles and Topography	In Pocket
Plate G2C	VLF-EM Survey - Cutler, NAA 24.0 kHz Fraser Filtered Dip Angle Contours	In Pocket
Plate G3A	VLF-EM Survey - Hawaii, NPM 23.4 kHz Dip Angle & Quadrature Profiles	In Pocket
Plate G3B	VLF-EM Survey - Hawaii, NPM 23.4 kHz Fraser Filtered Dip Angle, Total Field Profiles and Topography	In Pocket
Plate G3C	VLF-EM Survey - Hawaii, NPM 23.4 kHz Fraser Filtered Dip Angle Contours	In Pocket
Plate G4A	VLF-EM Survey - Seattle, NLK 24.8 kHz Dip Angle & Quadrature Profiles	In Pocket
Plate G4B	VLF-EM Survey - Seattle, NLK 24.8 kHz Fraser Filtered Dip Angle, Total Field Profiles and Topography	In Pocket
Plate G4C	VLF-EM Survey - Seattle, NLK 24.8 kHz Fraser Filtered Dip Angle Contours	In Pocket
Plate G5A	Magnetometer and VLF-EM Survey Compilation Map	In Pocket

INTERPRETATION

VLF-EM Survey

The compilation map on plate G5A presents the geophysical interpretation. Only the most significant anomalies will be discussed.

The VLF-EM survey has delineated a large resistive zone which extends across most of the grid and is coincident with a magnetic anomaly labelled "C". North and South

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of this zone the VLF-EM response shows a more conductive background, but within these more conductive areas are individual VLF-EM anomalies which are noted on the compilation map plate G5A. The inphase response of the VLF does reflect topography slightly, but topography is not responsible for the anomalies. These anomalies are superimposed on the topographic background response. It is difficult to interpret weak VLF anomalies from data collected on 100 metre spaced lines, with no geological information available at the time of interpretation. The combination of rugged mountainous topography and a weak VLF signal, as is the case with Cutler, often cause undesirable effects in the resulting EM field when it penetrates the grid area. The most obvious example on the Bandit grid was the need to record numerous repeat measurements, often at each station, to obtain confident measurements. Another example, is that the theoretical azimuth between the transmitting station and the survey grid, the angle at which the signal should couple with structures of interest, is often not correct.

VLF-EM anomaly V1 is a strong anomaly located in the Northwestern corner of the grid. It is defined by two roughly parallel VLF anomalies which likely represent the edges of a conductive block. These anomalies may also be separate parallel conductors representing faults or conductive, non-magnetic lithological contacts. There is no magnetic response with this anomaly.

Anomaly V2 is a weak anomaly with approximately a 400 metre strike length. Although the anomaly does appear to extend from line 24400E to 24000E, it would be necessary to survey infill lines to prove this as the VLF response is obscure on line 24100E. This anomaly is located in an area that was previously trenched. Data acquired in this area was surveyed at a 5 metre interval. If anomalies of this magnitude are found to be of interest, surveying would have to be performed with a closer line spacing. North and South of the east end of V2 are two short, weak VLF anomalies that may be of interest when compared with geological mapping.

VLF-EM anomaly V3 is of moderate magnitude and it appears to be truncated to the northwest in a magnetically complex area. Two linear magnetic anomalies are terminated in this area and the western extent of V3 ends in their junction. There may be a

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fault in this area running. V3 may represent the lithological contact of magnetic anomaly C.

Of the two VLF-EM anomalies located near the southeastern corner of the grid; the southern most anomaly, which trends east/west, may be of more interest than the anomaly slightly to the east.

Magnetic Survey

Magnetic relief on the surveyed grid is approximately 900 nT. The response from the majority of the grid area is within 200 nT. Several narrow, very strong magnetic anomalies were responsible for the 900 nT relief. The most prominent feature resulting from the magnetic survey is a series of parallel, narrow magnetic highs that cross the grid from line 24200E to 23600E and are coincident with the resistive zone outlined by the VLF-EM survey. These anomalies are shown on the compilation map, plate G5A, as individual features, but may well be a complex intrusive unit, labelled area C. Figure 1 also outlines this area.

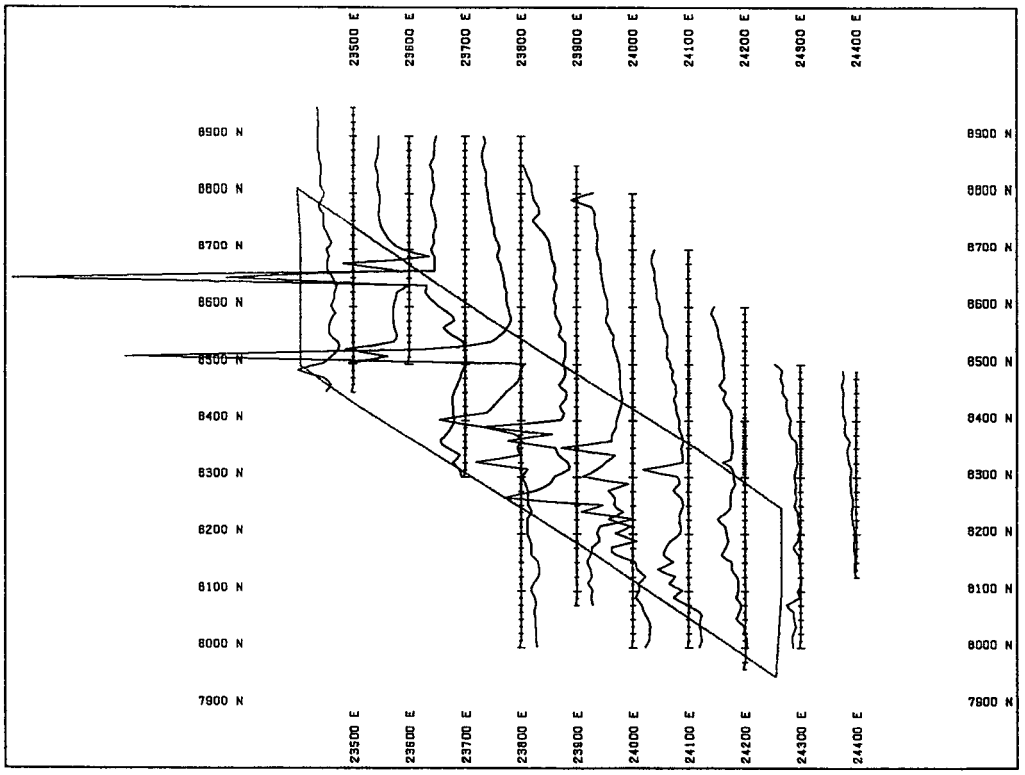

Figure 1. Total Field Profiles, Plate G1A. Outlined pattern details possible intrusive.

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There is an apparent difference in the magnitude of the magnetic measurements on either side of this feature suggesting different lithologies, noted as areas A and B, which straddle hatched area C on the compilation map. Another explanation is that these areas may be the same or similar lithologies, with the apparent difference in magnetic response on either side of the intrusive feature C, being due to a regional magnetic gradient caused by a deep source. This regional response (see Figure 2) is noted less on the western most lines and may be due to topography that changes the measurement point to the source geometry. The grid lines are not long enough to provide adequate information to define the geometry of a deep source. The narrow magnetic anomalies in area C are generally near vertical.

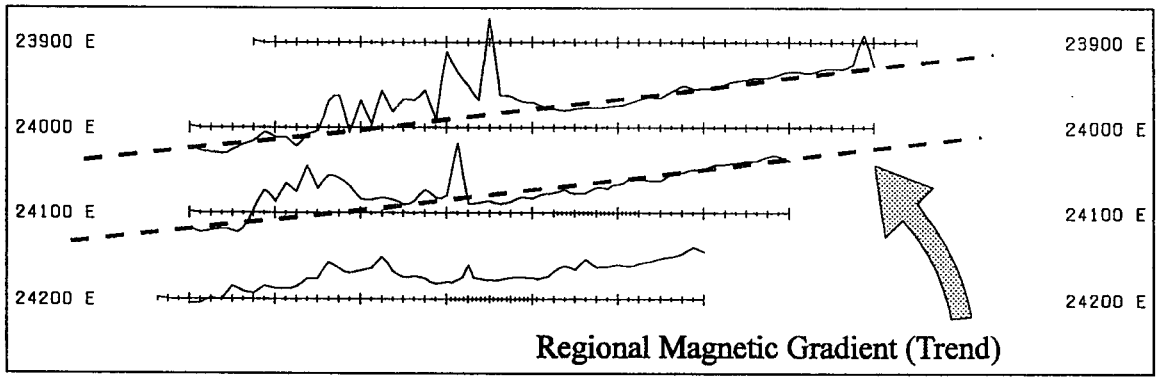

Figure 2. Regional Magnetic Trend shown on three lines of data.

RECOMMENDATIONS

The geophysical data should be compiled with geological mapping and sampling to determine if infill mag/vlf is required or other geophysical techniques are required. Further information may be obtained from the data after the geophysical data has been compiled with geological mapping. As an example, it is not known whether many of the small amplitude anomalies, often reflected only in the quadrature data, are of interest. These weak anomalies are difficult to trace between 100 metre spaced lines. If the geophysical results are coincident with the geological mapping, infill surveying at 50 metre or 25 metre lines would prove useful.

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The trench area on lines 24100E through 24300E would benefit from further infill surveying at 5 metre intervals along 25 metre lines; if the VLF anomalies found show correlation with structures of interest.

CONCLUSION

The VLF-EM survey has delineated a large resistive area which is coincident with the majority of the magnetic activity on the grid. This area contains a series of sub-parallel, narrow magnetic highs that have a 900 nT amplitude variation and may represent an intrusive feature. The remainder of the grid exhibits a magnetic amplitude variation of under 200 nT. Embedded in the magnetic data is a regional magnetic gradient caused by a deep source. This would suggest that the lithology on either side of active magnetic area is similar magnetically. This is contrary to a first glance at the data, which suggests two different rock units, but the regional magnetic gradient is a more likely explanation.

Weak VLF anomalies were found by surveying at 5 metre intervals in the area previously trenched on lines 24100E through 24300E. In the Northwest area of the grid two strong, parallel VLF conductors represent the edges of a conductive block or conductive fault/shear zones. There is no magnetic association with this anomaly.

8 August 1994

Todd A. Ballantyne, B.Sc., P. Geo.
Geophysicist

SJ Geophysics Ltd. 11762 - 94th Ave., Delta, B.C. Canada tel (604) 582-1100 fax (604) 589-7466

APPENDIX I

Statement of Qualifications

Statement Of Qualifications

I, Todd A. Ballantyne, of 3538 West Sixteenth Avenue, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geophysics.

2. THAT I have been engaged in mining and petroleum exploration since 1987.

3. THAT I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia

3. THAT this report is based on fieldwork carried out by myself in July 1994.

4. THAT I own no shares, directly or indirectly in North American Metals Corp., nor do I expect to acquire any shares. I have no interest, directly or indirectly, in the Bandit Prospect.

5. THAT I consent to the use by North American Metals Corp. of this report in a Statement of Material Facts or any such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

8 August 1994

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APPENDIX IV

(Diamond Drill Logs and Assay Sheets)

NORTH AMERICAN METALS CORP.
DRILL LOG COVER SHEET

DATE: _____ PAGE 1 OF 2

DRILL HOLE # BN94DH001 PROJECT AREA: BANDIT - POST ZONE SECTION:

DRILL HOLE LOCATION DATA

EASTING: 24164.323E
NORTHING: 8500.320N
ELEVATION: 2155.253
HOLE LENGTH (M): 184.40

DRILL DIARY

STARTING DATE: 05/08/94 NIGHT (DD/MM/YYYY)
COMPLETION DATE: 09/09/94 DAY (DD/MM/YYYY)
LOGGED BY: APH RIG: DMW
CONTRACTOR: FALCON CORE SIZE: NQ
SURVEYED BY: RS EDITED BY: _____

DOWN HOLE SURVEY DATA

SURVEY LEVEL	DEPTH	AZIMUTH	DIP (+/-)	TEST TYPE
COLLAR	0	214° 5' 21"	-43°-54'-33"	SURVEY
1				
2	600	212°	-45.5°	SPERRY
3				
4				
5				

PURPOSE: TO TEST THE POST ZONE ± 30-40m DOWNDIP FROM TRENCH 1 WHERE ASSAYS OF UP TO 13 g/t Au OVER 2.0m WERE OBTAINED

LITHOLOGY SUMMARY

FROM	TO	ROCK CODE	REMARKS	FROM	TO	ROCK CODE	REMARKS

COMMENTS:
- failed spherys @ 260' - no acid test.

CHECK LIST: ASSAY REPORT CORE PHOTOS

NORTH AMERICAN METALS CORP.
LITHOLOGY LOGGING SHEET

c:\data\expl - geo\lithol.wk3 DDH: BV94D1001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	AUN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
0	12.19		CASN																
			- casing through OB																
12.19	14.41		MFFL	AG	MS	PP			10	0	FR/0/40	LC/0/60							
			- greyish-green, massive porphyritic mafic flow, 10-15°, 1.0 mm strongly chloritized dark green mafic phenocrysts in a fine grained grey-green matrix. Hairline calcite veinlets throughout @ various & TCA, 1 every 10cm. Lower contact sharp @ 60° TCA																
14.41	15.65		DIDY	AG	MS				0	0	CR/0/60	LC/0/40	PY/DS/0.1						
			- medium green, medium grained dacite dyke. Cut by several small <0.3 cm calcite veinlets. Fine grained py occurs within and adj to calcite veinlets ~0.1% overall, 1-2% around veinlets. Both upper + lower contacts show ~10 cm chill margins. Contacts sharp.																
15.65	16.80		MFAS	AG	MS				0	0	FR/0/20	LC/0/70	PY/CO/0.1						
			- grey-green massive, fine ash tuff. No bedding visible. Fractures @ 20° TCA, occasionally py coatings - Fractures also @ 40° TCA, 70° TCA.																
16.80	68.78		MFFL	AG	MS	PP	SH	GO	14	0	OD/1/65	SH/0/40	PY/DS/0.1						
			- greyish-green, massive porphyritic mafic flow w 10%, 1.0 cm chloritic mafic phenos - Calcite vlts @ various & TCA, 1 every 10-90 cm, generally <2.0 mm wide. Very light limonite on fract. Fract @ 55, 00, 40, TCA. Core moderately to strongly broken locally, local gouge development																

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
16.8	68.78																		

CONTINUES

DETAILED NOTES

18.89 - 29.00 - core generally lightly broken w local mod broken
29.00 - 31.00 - core strongly broken w 5cm clay gouge @ base of sect
32.81 - 33.01 - grey clay gouge w 10-20% small angular frags.
33.01 - 38.71 - core strongly broken
38.71 - 41.50 - " moderately "
48.91 - 49.51 - " strongly "
50.35 - 51.05 - core material is ground core - now sandy
66.50 - 67.35 - core moderately broken.

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
68.78	72.43		MFFL	5G	MS	PP	VN		12	14	CV/1/10	FR/0/60	PY/DS/0.1	68.78	69.78	15501	0.82	TR	
														69.78	70.78	15502	1.02	0.07	
														70.78	71.78	15503	1.00	TR	
														71.78	72.43	15504	0.55	0.07	

medium green, slightly bleached, moderately veined massive porphyritic mafic flow. ±10% strongly altered 1.0mm mafic phenos. Carbonate veins (ankerite) to 1.0cm throughout often 0-10° TCA for larger ones, 45° for smaller irregular veinlets. Trace vfg py throughout. Carbonate alteration becomes more intense towards bottom of section → Christmas tree green starting to appear → fuchsite.

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
72.43	74.33		MFCA	TC	MS	VN	SH		14	18	CV/1/70	LC/0/80	FU/RP/0.5	72.43	73.43	15505	0.98	0.17	
														73.43	74.33	15506	0.81	0.24	

- moderately bleached - strongly ankerite veined mafic volcanic, variably lighter green to an orangy tan color depending on alt intensity. Fuchsite grains common (replaces phenos). Trace py throughout, ± 0.5% as fracture filling in lowest 0.5m of section. Weakly to mod. sheared and/or broken in lower 1.0m. Lower contact sharp @ 80° TCA, Upper contact gradational.

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	AUN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV.	Au g/t	Ag g/t
74.33	76.20		MFCA	ST	BX	SH	60		24	14	FC/0/80		LM/BN/7.0 / PY/DS/0.1	74.33	75.28	15507	0.95	0.14	
GOUGE, Bx, 0.9m, ARG?		=> FAULT BRECCIA - angular fragments to 2.0cm of MFCA in an orangy brown limonitic matrix (weakly calcareous) 10 cm of rusty gouge @ top of section, Bx is competent over top 80cm. Lower 90cm strongly sheared, major core loss, some material prob. altd. argillite. Upper fault contact @ 80° TCA. Lower contact @ 50° TCA (poor surface)												75.28	76.20	15508	0.31	1.51	
76.20	77.94		MFAS	AG	BD	SH	VN		14	12	BD/1/60	CV/1/50	LI/CO/0.1	76.20	77.20	15509	0.93	1.89	
		- darkish grey green fg mafic tuff w argillaceous interbeds (often graphitic) sheared // bddg @ 60° TCA. Thoroughly ankerite veined (veins <2.0 mm), one every 2-5 cm. Trace vfg dissem py. Limonite coating on fracts + bddg planes												77.20	77.94	15510	0.78	TR	
77.94	78.44		MFCA	ST	MS	BX			12	14	FR/0/60		PY/DS/0.5	77.94	78.44	15511	0.37	0.31	
		- medium tan massive carbonatized mafic ash tuff. No bedding visible, minor breccia in center of section w ankerite as matrix to angular clasts <1.0cm. Py as sparse dissem to blebby masses 3.0-4.0 m in size - overall average 0.5 % at best.																	
78.44	80.50		ARG1	3A	BD	SH			14	12	FO/0/65	BD/1/65	PY/DS/0.1	78.44	79.44	15512	0.68	0.07	
		- dark grey argillite w occl med gray ash tuff interbeds. bedds 0.5-2.0mm wide @ 65° TCA. Ashy beds show Fe carb alt. (brown color). Foliation strong @ 65° TCA. Interference pattern noted @ 78.65m F1 // core, F2 ⊥ to core axis. Trace vfg diss py.												79.44	80.50	15513	0.48	0.14	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl--geo\litho1.wk3 DDH BN97DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
80.50	81.20		MFCA	RT	MS	VN	SH	GO	24	16	FR/0/70	FR/0/10	PY/DS/ 0.2	80.50	81.20	15514	0.56	0.03	
		- reddish tan colored carbonatized mafic ash tuff. Minor greenish less altered material @ distance from shears/fract. Irregular ankerite veins to 1.0cm @ various ∠TCA, 1 every 5-15 cm. Locally sheared // fract @ 70° TCA. Trace vfg disem py, trace gouge.																	
81.20	82.34		ARGI	3A	BD	SH	GO		24	12	FO/0/30			81.20	82.34	15515	0.85	0.03	
		- darkish grey, thin bedded argillite w minor interbedded MFAS, now Fe carb altered. Rock has been strongly deformed, bedding @ various ∠TCA w faulted axial planes of small scale folds visible in one piece of core. Sheared w graphitic surfaces // fol @ 30° TCA and trace gouge.																	
		Fract irregular ankerite veinlets, various ∠TCA.																	
		→ 2 stages (at least) of folding can be discerned.																	
82.34	83.36		MFCA	RT	MS	SH	GO	VN	24	14	FO/0/40	FR/0/60	PY/DS/0.2	82.34	83.36	15516	0.61	0.62	
		- reddish tan colored carbonatized mafic ash tuff. No bedding visible. Core moderately broken w ± 5% gouge. Ankerite veinlets to 20mm @ 60° TCA, 1 every 10 cm (?). Foliation locally discernable @ 40° TCA Py as vfg disem + fg blebs to 1.5mm - overall content ∠ 0.5%																	
83.36	95.87		ARGI	3A	BD	SH	GO	VN	24	12			PY/DS/0.1	83.36	84.36	15517	0.40	0.03	
		- dark grey thin bedded argillite w MFAS interbeds. Interbeds from 0.5mm to ± 15-20 cm (rare). Locally sheared @ 40° TCA w graphitic shears/fol planes ± minor gouge. Bedding varies from 90 to 65° TCA. No folds noted but bedding is locally disturbed and faulted →												84.36	85.36	15518	0.48	0.65	
														85.36	86.36	15519	0.68	0.10	
														86.36	87.36	15520	0.78	0.10	
														87.36	88.36	15521	0.86	0.17	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
83.36	95.87													88.36	89.36	15522	0.83	0.24	
(CON'T)		on a very fine scale. Quartz veinlets ≤ 0.3 cm are present often along bedding but irregular, 1 every 10-20 cm. Calcite veinlets (or antenite also 1 every 5-10 cm. Very poor recovery from 92.79-95.87 where rock is strongly sheared + gougy. Trace diseminated pyrite throughout												89.36	90.36	15523	0.88	2.09	
														90.36	91.36	15524	0.71	0.17	
														91.36	92.36	15525	0.86	0.38	
														92.36	93.36	15526	0.81	0.55	
			DETAILED NOTES											93.36	94.36	15527	0.93	0.69	
		⇒ 84.36-85.36 - mod sheared, graphitic												94.36	95.87	15528	0.58	0.65	
		⇒ 88.00-88.36 " " "																	
		92.15-92.36 - MFAS bed																	
		92.36-92.85 - moderately sheared.																	
		92.79-95.87 - strongly sheared, core loss high (≥ 50%)																	
95.87	102.96	MZZN	MFCA	RT	MS	CR	VN	SH	22	24	FE/0/45	SH/2/40	QZ/PV/10 // PY/DS/1.0	95.87	96.87	15529	0.90	0.17	
		- maroon/red to light yellowish-tan colored moderately carbonatized and lightly to moderately silicified volcanic tuff. Much of material is massive + crackle textured. Cracks filled by secondary qtz veinlets sheared + gougy from 98.44-98.75m + 100.51-100.90m. These shears												96.87	97.87	15530	0.95	0.62	
														97.87	98.75	15531	0.72	0.48	
														98.75	99.66	15532	0.87	0.55	
														99.66	100.66	15533	0.67	0.89	
		marked the most intense silicification where rock color is yellowish.												100.66	101.66	15534	1.00	1.37	
		and minor vugs are developed. Entire section contains ≤ 1% finely												101.66	102.66	15535	1.00	0.79	
		disseminated to blebby pyrite, most euhedral in strongest sil'd zone.												102.66	102.96	15536	0.22	0.21	
		Fract common @ 85° TCA, shears @ 40° TCA.																	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl - geo\litho1.wk3 DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
102.96	105.46		MFCA	GG	MS	BX			12	12	FR/0/55		PY/DS/0.1	102.96	103.96	15537	1.18	0.24	
		- lightish green, lightly bleached, massive mafic ash tuff. Minor												103.96	104.96	15538	0.93	0.27	
		red colored breccia @ loss of section (angular to subang frags th												104.96	105.46	15539	0.34	0.10	
		5.0cm). 15cm broken core @ top of section. Trace vfg disseminated																	
		pyrite throughout. Slightly limonite fractures @ 55° TCA.																	
105.46	106.26		MFCA	ST	MS	VN	SH	GO	12	14	CC/1/60	SH/1/20	PY/DS/0.1	105.46	106.26	15540	0.76	0.21	
		- medium tan, very fine grained massive, moderately carbonatized																	
		mafic ash tuff. Pyrite veinlets <2.0mm wide @ 60° TCA, 1 every																	
		2-5cm. Minor shearing and gouge development @ top of section. Trace																	
		vfg diss py.																	
106.26	113.84	MZZN	MFCA	4R	MS	CR	SH	GO	22	24	FR/0/55	SH/4/25	PY/DS/1.0//QZ/AV/5.0	106.26	107.26	15541	1.00	0.10	
		- darkish red, massive, carbonatized mafic volcanic. Granular texture												107.26	108.26	15542	1.00	0.10	
		and alteration give a mottled appearance on close inspection. Slightly												108.26	109.26	15543	1.00	0.14	
		to locally, moderately silicified. Sheared w gouge from @ 113.20 - 113.84 @												109.26	110.26	15544	0.79	0.89	
		25° TCA, fractures commonly @ 55° TCA. Silicification weak but pervasive												110.26	111.26	15545	0.93	0.79	
		locally occurs as microveins. Pyrite occurs as fine diss to												111.26	112.26	15546	0.72	0.93	
		2.0mm fg blebs and clotty parts and/or microveins. 1.0% overall.												112.26	113.26	15547	1.00	0.96	
		* this possibly is wk-mdt alteration as noted in diff zone.												113.26	113.84	15548	0.66	0.79	
		Limonite coating on fract surfaces.																	
113.84	114.41		GOUG	RT	GO	SH			29				AI/GO/0.5	113.84	114.41	15549	0.23	0.38	
		- reddish-tan colored clay gouge and sheared, limonitic mafic																	
		ash tuff => top 10cm is clay gouge rest of section is gouge																	
		sheared ash tuff. No orientation possible as material is rubbly																	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
114.41	139.05		AR61	3A	BD	VN	PH	60	14	12	FR/0/40		PY/DS/0.1

dark grey thin bedded argillite, with fine mafic ash tuff horizons (<2mm) throughout and locally thicker ash beds, particularly 122.5-126.5m, up to 50cm thick, no bedding visible. Argillite is thoroughly veined w 1-2mm ankerite veinlets at various ∢TCA. Bedding is variable → 50° + 20° TCA are common orientation but folding and small scale faulting is visible in core and many orientations WRT CA are present. Locally graphitic and/or phyllitic surfaces ∥ to bedding are developed w minor 'gouge'. Core strongly broken from 127.86-128.46 and 129.00-129.68 w graphitic surfaces. Core moderately broken 132.50-133.90m. Trace dissem py throughout.

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
114.41	115.41	15550	0.66	1.34	
115.41	116.41	15551	0.94	0.62	
116.41	117.41	15552	0.95	1.54	
117.41	118.41	15553	0.98	0.10	
118.41	119.41	15554	1.00	0.51	
119.41	120.41	15555	1.00	1.34	
120.41	121.41	15556	1.00	0.17	
121.41	122.41	15557	1.00	0.21	
122.41	123.41	15558	0.99	0.31	
123.41	124.41	15559	1.00	0.69	
124.41	125.41	15560	0.89	0.21	
125.41	126.41	15561	1.00	0.86	
126.41	127.41	15562	1.00	0.65	
127.41	128.41	15563	0.93	0.07	
128.41	129.41	15564	0.89	0.03	
129.41	130.41	15565	0.58	0.45	
130.41	131.41	15566	0.73	0.41	
131.41	132.41	15567	0.69	0.51	
132.41	133.41	15568	0.87	0.03	
133.41	134.41	15569	1.00	0.45	
134.41	135.41	15570	0.96	0.07	
135.41	136.41	15571	0.91	0.31	
136.41	137.41	15572	1.00	0.24	
137.41	138.41	15573	1.00	5.45	
138.41	139.05	15574	0.72	0.27	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3

DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
139.05	140.25		MFCA	GT	MS	VN	SH	GO	24	14	FO/0/20			139.05	140.25	15575	0.92	0.27	
		- greenish-tan weakly carbonatized mafic ash tuff. Thoroughly ankerite veined, <2.0m @ various ∠TCA. Core is very broken and sheared w minor gouge (<5%). Poor foliation surfaces @ 20°TCA.																	
140.25	140.52		ARGI	3A	BD	VN	BX		14	12	FO/0/25	BD/0/25		140.25	140.52	15576	0.25	0.27	
		- dark grey bedded argillite. Thoroughly ankerite veined as very fine hairline veinlets various ∠TCA. Minor breccia w little rotation.																	
140.52	141.42		GOUG	2A	SH	GO	PH		29	16	SH/6/60	VC/0/60		140.52	141.42	15577	0.62	0.10	
		- very dark grey to black, extremely sheared argillite. Upper contact and shear fabric @60° TCA. Partings are phyllitic/graphitic ± 10-20% gouge evenly distributed. Quite abrupt zone - material above + below relatively undeformed. Does not appear signif alt → post min?																	
141.42	144.67		ARGI	3A	BD	VN	SH	GO	22	14	FO/0/60	BD/1/60	PY/DS/0.01	141.42	142.42	15578	0.57	0.21	
		- dark grey bedded argillites - w minor mafic ash interbeds. Qtz-carb vnlts to 1.0cm, irregular WRT CA, 1 every 5-30 cm. Lightly to mod sheared locally w minor graphitic fol^n surfaces // bedding @ 60°TCA, trace gouge. Rare vfg grain py assoc w qtz-carb veinlets.												142.42	143.52	15579	0.89	0.17	
														143.52	144.67	15580	0.95	0.21	
144.67	145.07		GOUG	2A	SH	GO	PH		29	14	SH/5/35	VC/0/35		144.67	145.07	15581	0.35	0.31	
		- dark grey to black, strongly sheared argillite. Lower contact @ 35°TCA, unable to obtain orient within zone as too broken. Shear planes are graphitic w ± 5% dark grey gouge. No visible sx, no limonite.																	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
145.07	151.98		ARG1	3A	BD	VN	CR		14	12	BD/1/70		PY/DS/0.01
151.98	156.97	MZZN	MFCA	AR	MS	CR	VN		12	26	FR/0/50	QV/3/45	PY/DS/2.0//SI/PV/5.0

145.07–151.98: dark grey well bedded argillites w minor massive interbedded ash tuffs parties in lower 1.5m of section. Bedding reasonably consistent @ 70°TCA. Unit is thoroughly qz-carb veined both ∥ to bedding and @ ∡ to bedding esp where minor crackle texture is observed + veining occupies crackle planes. Very minor carbonate alt of ash layers. Trace extremely fg py as dissem

151.98–156.97: greyish red to reddish gray altered volcanic. Rock is massive w pervasive crackle texture and locally narrow qtz veins. Alteration appears to be a mix of Fe-carb, feldspathization + silicification. Rock fizzes weakly in HCl, locally unscratcheable (15 hard). Silica seems to be pervasive in general but also fine hairline veinlets as crackle matrix. Py occurs primarily as dissem + small blebs but also along fractures ≤ 2-3 % - very even dist except as noted below: Upper + lower contacts sharp @ 60-65° TCA *

DETAILED DESCRIPTIONS

151.98 – 155.78 – as above

155.78 – 156.40 – very fine grained MFCA alteration not as intense. Only trace py, trace fuchsite, minor Fe-carb veining

156.40 – 156.70 – minor breccia, limonite w 2cm qtz py veinlet - lower portion (156.70 - 156.97) is

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
145.07	146.07	15582	1.00	0.58	
146.07	147.07	15583	0.93	0.14	
147.07	148.07	15584	0.82	0.48	
148.07	149.07	15585	0.85	1.30	
149.07	150.07	15586	1.00	1.17	
150.07	151.07	15587	1.00	0.07	
151.07	151.98	15588	0.77	1.34	
151.98	152.98	15589	1.00	0.03	
152.98	153.98	15590	0.98	0.31	
153.98	154.98	15591	1.00	0.21	
154.98	155.78	15592	0.76	0.14	
155.78	156.40	15593	0.57	TR	
156.40	156.97	15594	0.62	0.14	

0.91

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3

DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL/HOW//AMOUNT
156.97	159.60		MFCA	AG	BD	VN	SH	GO	12	12	FR/0/40	BD/1/30	PY/DS/0.01
159.60	161.09	MZZN	MFCA	YT	MS	CR	SH		14	24	VC/8/55	LC/0/70	PY/DS/1.0//QZ./PV/5.0
161.09	164.57		MFCA	GG	MS	BD	VN		0	12	FR/0/35	BD/1/05	PY/DS/0.1//KI/CO/0.1

156.97–159.60: - greyish green bedded mafic volcanic ash tuff w argillic horizons/partings. Bedding is contorted + somewhat variable but generally ≈ 30° TCA. Cut by numerous qtz carb veinlets to 0.7 cm (average 0.2cm) one every 1-3cm @ various ∡ TCA. Veinlets are irregular. Trace vfg py as sparse disseminations. Lowest 20cm (159.40-159.60) is sheared and gougy.

159.60–161.09: yellowish tan to light tan colored Fe-carb + sil altered mafic volcanic. Massive to vague crackle texture. Locally is sheared @ 60° TCA. Silica is patchy, steel left locally, but overall weak pervasive silica. Pyrite occurs along crackles or as vfg, fine to moderate disseminations. ≈ 1.0% overall. Limonite on fracts + near shears

* rehealed fault?

161.09–164.57: - lightish green massive mafic volcanic. Either a coarse tuff or foliated flow - suspect latter. Fol/bdding (?) wavy @ 0-10° TCA. Cut by numerous ankerite veinlets to 0.5cm various ∡ TCA and often irregular. Fracts common @ 35° TCA, also 80° TCA. Trace vfg py as dissem. Trace limonite on fract surfaces

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
156.97	157.97	15595	0.96	TR	
157.97	158.97	15596	0.97	0.10	
158.97	159.60	15597	0.56	0.03	
159.60	160.35	15598	0.55	0.24	
160.35	161.09	15599	0.64	0.27	
161.09	162.09	15600	1.00	TR	
162.09	163.09	15601	0.86	TR	
163.09	164.09	15602	0.93	0.03	
164.09	164.57	15603	0.52	0.17	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
164.57	167.67	MZZN	MFCA	5T	MS	CR	BX		14	26	vc/0/60	FR/0/95	PY/DS/3//CL/CO/0.1	164.57	165.57	15604	0.97	0.27	
		- medium to light tan - reddish grey, fe-carb and sil altered volcanic												165.57	166.62	15605	1.00	0.17	
		rocks (coarse tuff?). Pervasive fe-carb alt is patchy silica												166.62	167.67	15606	1.00	0.14	
		overprint. Silica rich zones are greyish in color. Rock is generally massive																	
		to weak texture present: minor bedding @ low c-BA, crackle texture																	
		and brecciation is only minor texture. Crackled texture																	
		appears in most silicified zones. Upper contact steep @ 60° TCA, fractures																	
		common @ 45° TCA. Cinderal py 0.5-1.5mm in size occurs as disseminations,																	
		small blebs and along fractures/cracks averages 2-3% locally 3-5%.																	
		NOTE: 5			169.57 - 165.57								- most strongly silicified and vein like in appearance - greyish qtz in limonite + 3-5% py						
					165.57 - 166.62 - bedding or fol visible in coarse tuff														
167.67	170.52		ARGI	3A	BD	SH	VN	PH	26	14	SH/3/20	BD/1/50	PY/DS/0.01	167.67	168.67	15607	1.00	0.07	
		- dark grey bedded argillites in minor interbedded green, massive ash												168.67	169.67	15608	0.92	TR	
		tuffs (to 8cm). Lightly to mod sheared throughout @ 20-25° TCA.												169.67	170.52	15609	0.80	TR	
		Bedding variable but 50° TCA common (also 20° TCA // SH fabric). Abundant																	
		fine qtz-carb veinlets varying x TCA. Trace vfg py as disseminations.																	
170.52	172.35		MFCA	6T	MS	BD	SH	BX	27	14	SH/4/60		PY/DS/0.5//CL/CO/0.1	170.52	171.42	15610	0.54	TR	
		- mildly to moderately fe-carb altered MFAS to mild silicification.												171.42	172.35	15611	0.83	0.07	
		bedding visible locally @ low x TCA = 10-20°, lightly sheared + limonite																	
		@ 171.00m, moderately to strongly sheared 172.00-172.35 to 5-10%																	
		gouge. Minor bx @ 171.80. Py as vfg disseminations 0.5%																	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH001

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
172.35	184.40		ARGI	3A	BD	VN	SH	PH	18	14	BD/2/65	FR/0/65	AY/DS/0.01
184.40	184.40	EOH											

Description (172.35–184.40): -dark grey, thin bedded argillites w/ both fine ash interbeds and various interbeds of MFCA (70cm). 90% of section is argillite in beds consistent @65°TCA. Thoroughly QTZ-CARB veined, to 0.5cm, various ∡TCA. Locally sheared w/ minor gouge + graphitic surfaces. Trace extremely fg py as sparse dissem. Section contains 2 sections of MFCA - mild bleaching, mod QTZ-carb veins + trace py: 177.64-178.95 + 179.54-180.24

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
172.35	173.35	15612	0.95	TR	
173.35	174.35	15613	0.96	TR	
174.35	175.35	15614	0.88	0.21	
175.35	176.50	15615	1.00	TR	
176.50	177.64	15616	0.93	TR	
177.64	178.45	15617	0.82	TR	
178.45	179.54	15618	1.20	TR	
179.54	180.24	15619	0.67	TR	
180.24	181.36	15620	1.10	0.10	
181.36	182.38	15621	0.77	0.03	
182.38	183.40	15622	0.79	0.07	
183.40	184.40	15623	0.91	TR	

NORTH AMERICAN METALS CORP
DRILL LOG COVER SHEET

DATE: _____ PAGE 1 OF

DRILL HOLE # BN94DH002 PROJECT AREA BANDIT- POST ZONE SECTION:

DRILL HOLE LOCATION DATA

EASTING: 24164.613E
NORTHING: 8500.750N
ELEVATION: 2155.428
HOLE LENGTH (M): 228.59

DRILL DIARY

STARTING DATE: 09/08/1994 DAY (DD/MM/YYYY)
COMPLETION DATE: 11/08/1994 NIGHT (DD/MM/YYYY)
LOGGED BY: APH RIG: DMW
CONTRACTOR: FALCON CORE SIZE: NQ
SURVEYED BY: APH EDITED BY: _____

DOWN HOLE SURVEY DATA

SURVEY LEVEL	DEPTH	AZIMUTH	DIP (+/-)	TEST TYPE
COLLAR	0	214° 5' 21"	-55°	SURVEY
1	106.67	221°	-50°	SPERRY ← SUSPECT ?
2	228.59	213°	-56°	SPERRY
3				
4				
5				

PURPOSE:

LITHOLOGY SUMMARY

FROM	TO	ROCK CODE	REMARKS	FROM	TO	ROCK CODE	REMARKS

COMMENTS:

CHECK LIST ASSAY REPORT CORE PHOTOS

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH002

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
3.05	80.13		MFAS	5G	MS	BD	VN		0	0	BD/3/35	FR/0/40	PY/DS/0.01						
		-medium green massive locally bedded mafic ash tuff. Bedding @ ≈35° TCA, beds from 2.0 cm to 10 cm or better. More massive sections often contain angular [illegible] clasts to 1.0 cm. Local LT sections. Fracts common @ 40° TCA. Trace very fine grained py as dissem																	
80.13	81.55		MFCA	6G	MS	VN	BX		0	12	FR/0/40	CV/2/40		80.13	81.55	15624	1.39	0.17	
		-lightish green, slightly carbonatized mafic volcanic (MFAS). Massive texture w/ calcite veins 1 every 2-5 cm // fracts @ 40° TCA. No sx noted. Minor bx w/ calcite matrix along occasional fract. ≤1% [illegible] as 1-2mm grains																	
81.55	83.93		MFCA	OT	MS	VN	BX		14	14	FR/0/50			81.55	82.55	15625	0.94	0.21	
		-orange tan moderately carbonatized fine to medium grained ash tuff. Generally massive w/ occasional calcite veins @ 50° TCA as are fracts. Minor bx, now rehealed w/ minor sil frags. No sx noted												82.55	83.25	15626	0.63	0.24	
														83.25	83.93	15627	0.57	0.21	
83.93	84.73	FZ	MFCA	OT	GO	BX	SH		29	14	FC/0/40	SH/0/70	LI/BM/0.5	83.93	84.73	15628	0.71	0.17	
		-orange tan colored carbonatized mafic volcanic ⇒ FAULT ZONE - lower 20 cm is gouge, upper portion breccia consisting of slightly silicic MFCA frags in a competent but gougy, limonitic matrix. Lower contact @ 40° TCA (?), shear planes within zone @ 70° TCA. Occasional fg speck py.																	
84.73	88.69		MFCA	OT	MS	BD	SH		24	14	BD/1/20	FR/0/40	PY/DS/0.5//SI/PV/1.0	84.73	85.71	15629	1.00	0.51	
		orange tan massive, locally bedded carbonatized mafic volcanics. Bedding @ ≈ 20-30° TCA, fracts common @ 40° TCA. Lower 1.1 m of section moderately silicified w/ ±1% dissem py. Overall section contains ≤0.5% dissem py. Slightly sheared locally w/ minor gouge; section moderately broken												85.71	86.69	15630	0.96	0.27	
														86.69	87.69	15631	1.05	0.27	
														87.69	88.69	15632	0.95	0.34	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\litho1.wk3 DDH BN94DH002

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	AUN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
88.69	97.07		ARGI	3A	BD	VN	SH		14	12	BD/2/30	FO/0/45	PY/DS/0.1	88.69	89.69	15633	0.99	1.47	
		dark grey, thin bedded argillites ~ < 20° interbedded fine MFAS,												89.69	90.69	15634	1.04	1.30	
		particularly @ top of section. Bedding fairly consistent @ 30-35° TCA.												90.69	91.69	15635	0.93	9.12	
		Cut by irregular calcite veinlets (some ank?) @ various & TCA, 1 every												91.69	92.69	15636	0.97	0.58	
		5-10 cm. Minor shearing locally over 20 cm length ~ true gouge.												92.69	93.69	15637	0.96	0.03	
		Very fg py disseminations throughout.												93.69	94.69	15638	1.02	0.31	
		- 91.69-91.89 - minor MFCA bed ~ 2-3% py												94.69	95.69	15639	0.98	0.10	
														95.69	96.69	15640	0.99	0.10	
														96.69	97.07	15641	0.34	0.10	
97.07	98.02		MFCA	OT	MS	VN			0.	12	FO/0/60	BD/1/30	PY/DS/1.0	97.07	98.02	15642	0.93	0.17	
		- orange tan massive carbonatized mafic volcanic. Vague bedding																	
		texture @ 30° TCA, fract @ 60° TCA. Qtz-ank veinlets, 1 every 5-15 cm																	
		occur throughout, irregular ~ @ various & TCA. Py occurs as fine blebs +																	
		vfg disem ≤ 1% throughout.																	
98.02	104.68		ARGI	3A	BD	VN	SH	GO	14	12	BD/1/40	FO/0/40	PY/DS/0.1	98.02	99.02	15643	1.01	0.45	
		dark grey thin to med bedded argillites ~ < 5% interbedded fg. MFAS.												99.02	100.02	15644	0.91	0.31	
		Qtz-ank veins 1 every 2-10 cm, various & TCA. Locally sheared ~												100.02	101.02	15645	0.92	0.45	
		minor gouge development. Axial bed MFCA, all < 20 cm. Bddg // fol												101.02	102.02	15646	0.96	0.17	
		~ and 80° TCA ranges 30°-50° TCA. Comm vfg py ≤ 0.1% on disem												102.02	103.02	15647	1.00	0.14	
														103.02	104.02	15648	0.89	0.45	
														104.02	104.68	15649	0.64	2.26	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH002

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
104.68	107.28	FZ	GOUG	3A	SH	GO	PH		28	12	SH/7/40		PY/DS/0.01	104.68	105.68	15650	0.79	0.62	
		-dark grey to black, extremely strongly sheared argillites. Upper												105.68	106.68	15651	0.82	0.31	
		+ lower contacts rubbly, shear fabric within @ 40°TCA. Shear												106.68	107.28	15652	0.40	0.03	
		planes are gougy + graphitic. Overall gouge content 10-15%. Lower																	
		1.0 m of unit contains qtz-ank vein frags to 5.0 cm. Trace vfg py.																	
107.28	110.51		ARGI	3A	BD	VN	PH	GO	14	12	BD/1/30			107.28	108.28	15653	0.88	0.55	
		-dark grey bedded arg w minor interbedded fine MFAS. Bddg 30°TCA,												108.28	109.28	15654	0.78	0.24	
		w ll fol, often graphitic and slightly gougy due to shearing. Qtz-ank												109.28	110.51	15655	1.02	0.69	
		veins throughout, various ∠TCA + irregular, from 1.0 - 10 mm wide																	
		Trace vfg py.																	
110.51	111.16		MFCA	OT	MS	CR	VN	VG	14	16	VC/0/60	LC/0/60	PY/DS/0.5	110.51	111.16	15656	0.61	0.34	
		orangy tan, moderately carbonatized mg MFAS. Massive texture																	
		interrupted by crackle along which qtz-ank veins are present not all																	
		filled → slightly vuggy. Veins @ various ∠TCA. Upper + lower contacts																	
		sharp @ 60°. Unit contains fg diss py ≤ 0.5%																	
111.16	113.60		ARGI	3A	BD	VN	SH	PH	14	12	BD/2/10	FR/0/40	PY/DS/0.1	111.16	112.16	15657	0.89	2.02	
		-dark grey bedded argillite w minor, narrow MFAS interbeds. Bedding												112.16	112.90	15658	0.61	1.71	
		wavy and @ ≤ 10° TCA. Thoroughly qtz-ank veined to 3.0 mm @												112.90	113.60	15659	0.56	0.75	
		various ∠TCA 1 every 3-10 cm. Minor shearing ll to bddg w																	
		phyllitic partings developed. Fracts @ 40°TCA. Py as vfg dissem ≤ 0.1%																	
113.60	121.34	MZZN	MFCA	AR	MS	CR	VN		12	24	FR/0/40	LC/0/25	PY/VN/3.0	113.60	114.60	15660	0.94	0.55	
		greyish-red to yellowy tan massive, moderately carbonatized.												114.60	115.60	15661	1.01	1.85	
		lightly to moderately sil + alb alt mafic volc - crackle texture												115.60	116.60	15662	0.93	0.34	
		throughout w crackle surfaces "coated or veined" w white calcite												116.60	117.60	15663	0.89	0.82	
		in ≤1.0 m veinlets. Fracts consistent @ 45°TCA. Lower contact												117.60	118.60	15664	0.91	0.72	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH002

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
		possible shear surface.											
		25°TCA. Contains ± 3.0% py to mg py as microveins (crackle filling) and disseminations.											
121.34	134.50		ARGI	3A	BD	VN	SH	GO	22	12	BN/2/30		PY/DS/0.1
		-dark grey thin to medium bedded argillites in interbeds of dark green. fine MFAS to 5cm thick (MFAS comprises ± 30-35% of section.) Bddg @ 30°TCA surfaces locally sheared + slightly gougy. Unit is thoroughly qtz-ank veined @ various ∢TCA, veins 2-5cm and very irregular. Trace v.f.g. diss py noted particularly in MFAS beds.											
134.50	135.54		MFCA	ST	MS	VN	SH		12	14	FR/0/40		PY/DS/0.1
		-medium tan, massive, moderately carbonatized mafic volcanic tuff. Moderate qtz ank veining but irregular + various ∢TCA. Fracts @ 40°TCA. Lower contact slightly sheared but [illegible] @ 30°TCA. Trace dissem. py.											

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
118.60	119.60	15665	0.93	0.62	
119.60	120.60	15666	0.94	0.41	
120.60	121.34	15667	0.72	0.22	
121.34	122.34	15668	0.70	0.27	
122.34	123.34	15669	0.76	0.21	
123.34	124.34	15670	0.64	0.10	
124.34	125.34	15671	0.47	0.17	
125.34	126.34	15672	0.48	0.31	
126.34	127.34	15673	0.62	0.07	
127.34	128.34	15674	1.03	0.69	
128.34	129.34	15675	0.89	2.67	
129.34	130.34	15676	0.97	1.44	
130.34	131.34	15677	1.00	1.17	
131.34	132.34	15678	0.72	0.27	
132.34	133.34	15679	0.78	0.10	
133.34	134.50	15680	1.04	0.65	
134.50	135.54	15681	0.83	0.17	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH002

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
135.54	141.24		ARGI	3A	BN	VN	SH	GO	22	12	BD/2/45	FR/	PY/DS/0.1
		-dark grey bedded argillite w ± 30-35% interbedded fine MFAS, up to 2cm thick beds. MFAS is very slightly carbonatized. Qtz-ank veinlets to 2.0mm, often 45°TCA but varied, 1 every 1-10cm. Locally sheared // to bddg w trace gouge. Trace fg diss py. Bddg @ 45 TCA. Fracts common @60°TCA											
141.24	146.27		MFAS	7G	BD	VN	SH	GO	24	14	FR/0/60		
		light green mildly carbonatized MFAS w interbedded argillite ± 20-30% of section. Bddg @ various ∡TCA (btw 0 and 45°TCA). Weakly qtz-ank veined, 1 every 10-15cm to 2.0m @ various ∡TCA. Locally sheared over 30-50 cm sections w trace limonitic gouge. No sx noted.											
146.27	148.73		GOUG	2A	SH	GO			28	12	SH/2/40		PY/DS/0.1
		-dark grey to black very strongly sheared argillite → now has phyllitic fol/bddg surfaces @ ± 40° TCA (shear fabric) and ± 5% gouge (10% locally). Carries trace ds py as vfg dissem. Trace limonite											

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
135.54	136.54	15682	0.96	0.07	
136.54	137.54	15683	0.87	1.23	
137.54	138.54	15684	0.63	0.24	
138.54	139.54	15685	0.89	1.65	
139.54	140.54	15686	0.88	1.75	
140.54	141.24	15687	0.57	1.13	
141.24	142.24	15688	0.87	0.34	
142.24	143.24	15689	0.90	0.07	
143.24	144.24	15690	0.94	0.24	
144.24	145.24	15691	0.99	0.69	
145.24	146.27	15692	0.82	0.24	
146.27	146.90	15693	0.68	0.34	
146.90	147.75	15694	0.61	0.37	
147.75	148.73	15695	0.52	0.07	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH002

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
148.73	150.18		MFAS	AG	BD	VN	SH	60	14	12	FR/0/50	LC/0/60	PY/DS/0.1
		-greyish green, mildly carbonatized, fine MFAS. Bddg faint @ 30°TCA. Strongly qtz-ank veined, 1 every 1-5cm, 1-2mm wide various ∢ TCA. Fracts @ 60°TCA, LC shrp @ 60°TCA in 10cm sheared + gougy zone. Py is vfg dissem - trace.											
150.18	165.10	MZZN	MFCA	TR	MS	VN	BD	SH	14	24	FR/0/40	BD/1/30	PY/VN/DS/2. //HE/VN/0.1
		tan-red to greenish red moderately carbonatized and patchily silica-albite altered mafic volcanic tuff. Generally massive, alteration has obscured most bddg w local exceptions where bddg ∢ 30° TCA. Unit is veined w several varieties present → ① white calcite ② qtz-ank ③ py ④ specular hem. qtz-ank are most common, 1 every 10-20cm, 1-2mm wide @ various ∢TCA. Entire unit contains ±1% diss pyrite but locally this may approach 3-5% in particular where albite + silica alt are most intense. Py occurs as diss to vfg dissem and as microveins. Also narrow 1-2mm veinlets of spec hem @ various ∢ TCA - these occur in sil-alb alt zones. Local shearing w trace limonite gouge partic 150.18-153.61.											
		MINERAL ALT => SI/PT/2.0											
165.10	166.08		GOUG	ST	GO	SH			29	16	SH/5/60	UC/0/55	LI/60/0.5
		- strongly sheared and gougy MFCA. Shear fabric and upper contact @ 60°TCA. Zone is ± 50% rock 50% limonite gouge											

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
148.73	149.50	15696	0.48	0.55	
149.50	150.18	15697	0.55	0.07	
150.18	151.18	15698	0.77	0.07	
151.18	152.18	15699	0.82	0.14	
152.18	153.18	15700	0.98	0.10	
153.18	154.18	15701	0.91	0.38	
154.18	155.18	15702	1.00	0.03	
155.18	156.18	15703	1.01	0.24	
156.18	157.18	15704	0.85	0.14	
157.18	158.18	15705	0.89	0.10	
158.18	159.18	15706	1.08	1.17	
159.18	160.18	15707	1.03	0.31	
160.18	161.18	15708	1.01	0.93	
161.18	162.18	15709	0.86	0.34	
162.18	163.18	15710	0.80	0.17	
163.18	164.18	15711	0.89	0.38	
164.18	165.10	15712	0.91	0.07	
165.10	166.08	15713	0.71	0.34	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t	
166.08	176.72	MZZN	MFCA	RA	MS	CR	VN	BW	0	26	FR/0/55	LC/0/50	PY/VN/20//HE/VN/0.1	166.08	167.08	15714	0.89	0.07	-	
		reddish grey to orangy tan colored massive,											QZ/PV/20 *	167.08	168.08	15715	0.90	0.93	/	
		crackled and veined, moderately to strongly silicified mafic												168.08	169.08	15716	0.98	0.55	/	
		volcanic (silic MFCA?). Color patchy w more greyish and												169.08	170.08	15717	0.82	0.55	/	
		more reddish areas depending on hematite content. Unit												170.08	171.08	15718	1.01	0.45	/	
		appears crackled - crackle surfaces filled by hairline												171.08	172.08	15719	0.95	0.96	/	
VARIOUS ∡TCA		calcite veinlets, pyrite veins to 2mm wide, and rarer spec.												172.08	173.08	15720	0.91	0.86	/	
		hematite veinlets. Py content ≤ 2.0%, hematite <0.5%. Local												173.08	174.08	15721	0.67	0.65	/	
		boxworking w majority of sx weathered out (169.08-170.08). Fract												174.08	174.95	15722	0.84	0.55	0.87	.4785
		common @ 55°TCA. Lower contact 50°TCA. Qtz is both pervasive												174.95	175.30	15723	0.33	0.75	0.45	0.3375
		and as crosscutting veinlets.												175.30	176.02	15724	0.63	0.69	0.72	.4969
														176.02	176.72	15725	0.69	1.58	0.70	1.106
176.72	177.92		MFAS	3A	SH	GO	VN		29	12	LC/0/55	SH/3/60	PY/DS/0.1	176.72	177.92	15726	0.95	0.41		
		- dark grey mafic ash tuff no bedding visible, strongly sheared																		
		and gougy in upper 40cm, more competent + qtz-ank																		
		veined in lower 0.8m. Carries trace vfg py.																		
177.92	179.80		MFCA	6G	MS	BD	VN		12	14	BD/1/40	FR/0/60	PY/DS/0.1	177.92	178.80	15727	0.83	0.51		
		- light green, mildly to moderately carbonatized massive,												178.80	179.80	15728	0.84	0.55		
		mafic volcanic. Bedding @ 40°TCA (vague), facets common																		
		@ 60°TCA. Qtz-ank veins, irregular to 2.0mm @ various ∡ TCA																		
		1 every 5-10cm. Py occurs as vfg dissem - trace.																		

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH002

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL/HOW/AMOUNT
179.80	187.29	FZ	ARGI	3A	SH	GO	BD	BX	28	22	BD/1/40	LC/0/55	PY/DS/1.0
187.29	189.30		MFCA	TG	MS	VN	GO		14	14	FR/0/70	LC/0/60	PY/DS/TR
189.30	200.43		ARGI	3A	BD	VN	SH	60	22	14	BD/1/40		PY/DS/TR

179.80–187.29: -dark grey very strongly sheared and gougy argillites. Bedding @ 40° TCA noticeable in relatively unsheared sections (179.80 - 180.90 and 185.77-187.29 ≈ top + bottom). From 180.90 - 185.77 deformation is intense ē ≈ 20-25% grey gouge + 15% broken, disrupted qtz and qtz ankerite veinlets, giving a brecciated texture. Where any sign of bedding is left bedding/shear planes are graphitic. Gouge and sheared sections carry ≤ 1% dissem euhedral py. Rare fragment, light green MFCA. * shearing // or sub // to bedding? => ≈30-40° TCA

187.29–189.30: -tannish green, massive, mod carbonatized mafic volcanic. Fracts common @ 70° TCA often filled by qtz-ank veinlets ≤ 2.0mm. Minor broken core ē trace gouge @ 188.30 - 188.90m. Unit contains trace dissem py.

189.30–200.43: -dark grey bedded argillite ē ocls MFCA interbeds to 30cm. Bedding @ 40° TCA ± 5°. Moderately qtz and qtz-ank veined often // bedding but also various ∡ TCA. Locally intensely sheared ē ≤ 10% gouge generally adjacent to massive MFCA beds, usually 10-30cm widths. Carries trace fg dissem py.

MFCA @ - 190.30 - 190.60
- 191.50 - 191.85
- 193.60 - 193.75

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
179.80	180.90	15729	0.78	0.07	
180.90	181.90	15730	0.76	TR	
181.90	182.90	15731	0.71	TR	
182.90	183.90	15732	0.65	TR	
183.90	184.90	15733	0.92	0.10	
184.90	185.77	15734	0.63	0.21	
185.77	186.50	15735	0.37	TR	
186.50	187.29	15736	0.33	0.14	
187.29	188.30	15737	0.71	0.07	
188.30	189.30	15738	0.67	TR	
189.30	190.30	15739	0.75	0.17	
190.30	191.30	15740	0.77	0.03	
191.30	192.30	15741	1.00	0.10	
192.30	193.30	15742	0.76	TR	
193.30	194.30	15743	0.89	0.21	
194.30	195.30	15744	0.91	0.10	
195.30	196.30	15745	0.54	0.24	
196.30	197.30	15746	0.92	0.03	
197.30	198.30	15747	0.96	TR	
198.30	199.30	15748	0.83	0.17	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
									/	/			
200.43	200.88		MFCA	OT	MS	VN			14	14	LC/0/70		PY/DS/TR
200.88	209.04	FZ	ARGI	3A	SH	GO	BD	VN	28	14		LC/0/45	PY/DS/1.0
209.04	228.59		MFCA	GT	MS	BD	VN	SH	14	14	BD/2/45	SH/4/45	PY/DS/0.1

200.43–200.88: -orangy tan, massive moderately carbonatized MFCA ē one 10 cm silicified zone/vein in centre. Vein carries trace dissem py. Massive MFCA w/ specks of py, somewhat rare, trace qtz-ank veining to 1.0 cm wide. Lower contact sharp @ 70°TCA.

200.88–209.04: -dark grey, strongly sheared and gougy bedded argillites. Bedding planes @ various ∢TCA now graphitic. Locally gouge ≈ 30-40% of rock and contains very irregular qtz veins + vein frags to 1.5 cm + rarer, narrower (1-2 mm) qtz-ank veins. Sheared argillites carry ≈ 1-1.5% fg euhedral py. and veins trace dissem py.

209.04–228.59: -greenish tan, massive, bedded, weakly carbonatized mg to cg mafic tuffs. Color changes w/ intensity of alt ⇒ most intense is more tan or orangy color. Bddg consistent @ 45° TCA. Fract // bddg + phyllitic (sericite?). Unit contains qtz-ank

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
199.30	199.75	15749	0.45	0.31	
199.75	200.43	15750	0.51	0.34	
200.43	200.88	15751	0.39	0.24	
200.88	201.88	15752	0.64	TR	
201.88	202.88	15753	0.90	0.14	
202.88	203.88	15754	0.92	0.10	
203.88	204.88	15755	1.01	0.24	
204.88	205.88	15756	0.91	0.03	
205.88	206.88	15757	0.88	0.07	
206.88	207.88	15758	0.94	TR	
207.88	208.46	15759	0.53	TR	
208.46	209.04	15760	0.57	0.03	
209.04	209.39	15761	0.30	0.14	
209.39	210.39	15762	0.68	0.10	
210.39	211.39	15763	0.78	0.07	
211.39	212.39	15764	0.99	1.17	
212.39	213.39	15765	0.81	0.07	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
209.04	228.59												
CONT.		veinlets throughout to 0.3cm often // bddg @ 45°TCA but also @ various ∠ TCA. Strongly sheared + gougey from 209.09-209.39. Locally core is moderately to strongly broken over 0.5-1.0m lengths w/ trace limonite and gouge. Trace to 0.5% locally of fg to mg dissem py.											
228.59	228.59		EOH										

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
213.39	214.39	15766	0.86	0.58	
214.39	215.39	15767	0.84	0.14	
215.39	216.39	15768	0.81	0.21	
216.39	217.39	15769	0.86	0.10	
217.39	218.39	15770	0.86	0.21	
218.39	219.39	15771	0.75	0.48	
217.39	220.39	15772	0.90	0.24	
220.39	221.39	15773	0.87	0.10	
221.39	222.39	15774	0.94	0.38	
222.39	223.39	15775	0.97	0.14	
223.39	224.39	15776	0.92	0.10	
224.39	225.39	15777	0.75	0.14	
225.39	226.39	15778	0.79	0.24	
226.39	227.39	15779	0.95	0.14	
227.39	228.59	15780	1.00	0.17	

NORTH AMERICAN METALS CORP.
DRILL LOG COVER SHEET

DATE: _____ PAGE 1 OF

DRILL HOLE # BN94DH003 PROJECT AREA: BANDIT-POST ZONE SECTION:

DRILL HOLE LOCATION DATA

EASTING: 24234.661
NORTHING: 8467.035
ELEVATION: 2156.552
HOLE LENGTH (M): 213.35

DRILL DIARY

STARTING DATE: 12/08/1994 DAY (DD/MM/YYYY)
COMPLETION DATE: 14/08/1994 NIGHT (DD/MM/YYYY)
LOGGED BY: APH RIG: DMW
CONTRACTOR: FALCON CORE SIZE: NQ
SURVEYED BY: _____ EDITED BY: _____

DOWN HOLE SURVEY DATA

SURVEY LEVEL	DEPTH	AZIMUTH	DIP (+/-)	TEST TYPE
COLLAR	0	214°43'06"	-44°47'9"	SURVEY
1	106.67		-46.5	SPERRY } SURVEYS
2	213.35		-47.0	SPERRY } NO GOOD
3				
4				
5				

PURPOSE:

LITHOLOGY SUMMARY

FROM	TO	ROCK CODE	REMARKS	FROM	TO	ROCK CODE	REMARKS

COMMENTS:

CHECK LIST: ASSAY REPORT CORE PHOTOS

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
0	3.05		CASE																
3.05	65.20		MFAS	SG	MS	BD	VN	SH	0	0	FR/0/25	BD/3/35	PY/DS/0.1						
0.5-1.0 cm clasts common →		- medium green massive, poorly bedded mg to cg mafic ash tuff in lapilli sections and ocsl oversize clast to 5.0 cm. Bddg @ 35°TCA. Fracts common @ 45°TCA + 60°TCA. Evenly distributed calcite veinlets to 2.0 cm common on 45°TCA fracts but also various. Evenly dissem vfg py throughout 0.1%. Ocsl narrow band MFCA (to 30 cm) and ocsl sheared section partic in lower 10 m of section.																	
65.20	67.14		MFCA	TG	SH	GO	BD	VN	26	14	SH/3/60	BD/2/60	PY/DS/0.1 / LI/CO/0.1	65.20	66.20	15781	0.76	0.17	
		- tan-green colored moderately carbonatized and moderately sheared and gougy mafic ash tuff (mg). Sheared ∥ bddg @ 60°TCA, limonite sh/fr surfaces, up to 15% gouge locally. Calcite veinlet @ various ∢TCA 1 every 2-5 cm. Trace vfg py.												66.20	67.14	15782	0.98	TR	
67.14	67.77	FZ	GOUG	TU	SH	GO			29	16	VN/0/35		LI/CO/1.0	67.14	67.77	15783	0.46	0.14	
		- tan-umber colored highly sheared + fractured, interbedded, MFAS + ARGT. Most frags < 2.0 cm, 10 cm clay gouge @ base of section, rest ≤ 1% gouge. Upper contact vague @ 35°TCA. Fracture surfaces strongly limonite ≤ 1%. Section contained 6" clear ice - reported by drillers.																	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH003

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
67.77	77.67		MFCA	AG	SH	VN	BD	BX	26	14			LI/CO/0.1//PY/DS/0.1
		- lightly carbonatized greyish green mafic ash tuff w interbedded silty argillites. Bedded but very distorted + irregular. Highly fractured w limonite fract surfaces from 67.77-72.85. Minor breccia w calcite matrix as are irregular veins throughout, 1 every 5-10 cm. Trace vfg py. NB - some argi portions/beds → may be clasts but very fresh and angular.											
77.67	87.48		MFAS	5G	MS	BD	VN	SH	12	12	FR/0/45		PY/DS/0.1//LI/CO/0.1
		- medium green, massive ~~[illegible]~~ vaguely bedded ash tuff w minor interbedded silty argillite (≈10%). Argi also occurs as angular clasts in MFAS up to 1.5 cm in size. Bedding @ various ∠ TCA. Carries 1-2mm irregular qtz veins @ various ∠ TCA. Trace dissem py, trace limonite on fractures. Light shearing and moderately broken core locally from 85.20-87.98m.											
87.48 [?]	89.50		MFCA	6G	MS	VN			12	14	FR/0/50	LC/0/70	PY/DS/0.1
		- light green slightly carbonatized cg mafic ash tuff, massive in texture. Fractures common @ 50° TCA. Carries calcite veins to 2.0 mm one every 5-10 cm often ∥ to or in fracts. Trace very fg py as dissem.											

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
67.77	68.77	15784	0.82	0.10	
68.77	69.77	15785	0.92	TR	
69.77	70.77	15786	0.74	0.07	
70.77	71.77	15787	1.00	0.41	
71.77	72.77	15788	0.37	0.21	
72.77	73.77	15789	0.98	0.14	
73.77	74.77	15790	1.00	0.03	
74.77	75.77	15791	1.30	TR	
75.77	76.77	15792	0.87	0.07	
76.77	77.67	15793	0.64	0.03	
87.48	88.50	15794	1.02	TR	
88.50	89.50	15795	1.00	0.14	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN97DH003

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
89.50	94.20	FZ	GOUG	TG	GO	SH	BX		29	22	LC/0/75		PY/DS/1.0	89.50	90.53	15796	0.91	0.34	
		- FAULT ZONE - composed of buff to tan colored and dark grey colored fault gouge (tan is clay gouge) ~ ± 90% of section being strongly sheared altered volcanics. Locally core is strongly broken and very rubbly → milled @ bottom of hole. Altered												90.53	91.14	15797	0.57	6.72	.61
														91.14	92.51	15798	0.48	1.78	1.37
														92.51	93.50	15799	0.58	2.74	.99
														93.50	94.20	15800	0.47	0.45	
		volcanic frags are greyish in color, silicified, ~ ± 1-2% ox																	
		on a grey matrix. Py also noted on grey gouge ± 1%																	
		* some samples are just done ~ blocks as unknown where lose it.																	
94.20	98.76		MFCA	5G	BD	SH	GO		24	12	FR/0/30		PY/DS/TR // CL/CO/0.1	94.20	95.20	15801	0.94	0.27	
		- medium green, very weakly carbonatized, bedded int to massive volcanic												95.20	96.20	15802	1.00	0.65	
		tuff. Bedding @ various ± TCA usually ~ 30 + 50° TCA. Core locally												96.20	97.20	15803	0.87	0.10	
		mod to strongly broken + rubbly over 3-5m ~ shearing + limonite, trace												97.20	98.20	15804	0.75	0.10	
		gouge. Carries trace py as v/f disseminations + limonite as fracture coating.												98.20	98.76	15805	0.16	0.27	
98.76	102.26	FZ	ARGI	3A	BD	SH	GO		26	14	LC/0/55	BD/2/45	PY/DS/0.5	98.76	99.76	15806	0.80	0.27	
		- dark grey, bedded, strongly sheared argillites ~ ± 90% IB fine												99.76	100.76	15807	0.32	1.47	1.0
		ash tuff + 2 sections MFCA (99.76 - 100.76 + 102.26 - 101.96) (These are												100.76	101.40	15808	0.50	0.82	.64
		competent.). Bedding @ 45° TCA, lower contact along @ 55° TCA. Gouge present												101.40	101.96	15809	0.62	1.95	.56
		adjacent to MFCA ~ 10% over 5-10cm. Chalcopyrite v/f py ± 0.5%												101.96	102.26	15810	0.27	0.75	.30
102.26	129.71		MFCA	GT	BD	VN	SH		22	16	FR/0/45	BD/0/45	PY/DS/0.01	102.26	103.26	15811	1.03	0.69	1.0
		- medium tan to light green, well bedded, moderately carbonatized												103.26	104.26	15812	0.82	0.21	
		volcanic tuffs. Bdg common @ 45° TCA but also up to 60° TCA and												104.26	105.26	15813	0.83	0.07	
		@ low ± TCA (5-10°). Fault @ 95 ± 10° TCA. Py occurs as v/f disseminations												105.26	106.26	15814	0.84	0.34	
		and a trace. Very minor local shearing in trace gouge. Calcite												106.26	107.26	15815	0.73	0.27	
		and veins @ various ± TCA to 2.0mm / every 5-15cm.																	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH003

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
124.71	127.40	FZ	MFCA	6G	SH	GO	BD		28	14	FR/0/60	BD/1/40	py/DS/0.1

-light green, strongly sheared + gougy lightly carbonatized fine bedded volcanic tuffs. Gougy @ top + bottom w/ solid block in middle (125.15-126.05). Fault zone boundaries observed. In competent pieces pyrite as v.f.g. dissem ≤0.1%.

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
107.26	108.26	15816	0.98	0.10	
108.26	109.26	15817	1.00	0.14	
109.26	110.26	15818	1.00	0.07	
110.26	111.26	15819	0.94	0.10	
111.26	112.26	15820	0.96	0.07	
112.26	113.26	15821	0.95	0.24	
113.26	114.26	15822	1.00	0.14	
114.26	115.26	15823	0.97	0.14	
115.26	116.26	15824	0.98	0.41	
116.26	117.26	15825	1.00	1.27	
117.26	118.26	15826	0.95	7.71	
118.26	119.26	15827	0.94	1.99	
119.26	120.26	15828	0.98	0.62	
120.26	121.26	15829	1.00	0.24	
121.26	122.26	15830	0.64	0.21	
122.26	123.26	15831	0.86	0.14	
123.26	124.26	15832	1.00	0.10	
124.26	124.71	15833	0.37	0.17	
124.71	125.15	15834	0.54	0.51	
125.15	126.05	15835	0.84	1.10	
126.05	126.40	15836	0.31	0.10	
126.40	127.40	15837	0.85	0.24	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH003

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
124.71	127.40												
127.40	143.10		MFCA	GT	MS	BD	VN		22	12	FR/0/30	FR/0/50	PY/DS/0.01

124.71 - 127.40 CONT

124.71-125.15 - ≤15% clay gouge, very strongly broken
125.15-126.05 - solid light green MFCA
126.05-127.40 - ≤5% gouge strongly to very strongly broken.

127.40 - 143.10

- greenish tan to medium tan colored weakly carbonatized, bedded [illegible] volcanic tuff. Mild welded texture. Bedding "wavy" over 20-40 cm and @ low (<20°) ∡ TCA. Cut by qtz-ank veins to 2.0-3.0 mm / every 10-20 cm random orient. Fracts strong @ 30+50° TCA. Trace wisps dissem py. Alt stronger in lower 3.0 m, also core in lower 3.0 m mod to strongly broken w/ clay gouge.
★ 139.40 - 140.40 - contains 30 cm [illegible] sil alt rock w/ ≤ 20% py.

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
127.40	128.40	15838	0.96	TR	
128.40	129.40	15839	0.90	TR	
129.40	130.40	15840	0.85	TR	
130.40	131.40	15841	1.00	0.07	
131.40	132.40	15842	0.99	1.47	
132.40	133.40	15843	1.00	0.10	
133.40	134.40	15844	0.94	TR	
134.40	135.40	15845	0.93	0.21	
135.40	136.40	15846	1.00	0.03	
136.40	137.40	15847	0.98	TR	
137.40	138.40	15848	1.00	0.17	
138.40	139.40	15849	0.91	0.07	
139.40	140.40	15850	0.65	1.30	
140.40	141.40	15851	0.47	0.45	
141.40	142.40	15852	0.63	0.45	
142.40	143.10	15853	0.41	0.07	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH003

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
143.10	146.83		GOUG	NU	GO	SH			29	16			PY/DS/0.01
		black to brown gougy, sheared rock, possibly ARGI ⇒ 50% clay gouge, black + brown, 50% frags to 5.0cm. Upper + lower contacts obscured, trace py in rock frags. Severe core loss over this zone (> 50%). ⇒ MOST LOSS BTW 145.38-146.83											
146.83	149.45		MFCA	GT	MS	VN	GO		1.6	14	FR/0/30	FR/0/50	PY/DS/0.1
		-greenish- tan colored massive, lightly carbonatized mafic or intermediate tuffs. Lightly veined w qtz-ank to 2.0mm, 1 every 20-30cm. Fract @ 30+50°TCA, trace finely dissem py throughout. Lower contact in FZ @ 15°TCA											
149.45	151.58		GOUG	RU	GO	SH			29	18	VC/0/15		LI/GO/0.1
		-reddish brown clay gouge + angular to subang rock frags to 2.0cm in clay gouge with limonitic stain. No ox noted, Upper contact @ 15°TCA, lower contact broken + rubbly.											
151.58	187.00		MFCA	GT	BW	VN	SH	GO	14	16	FR/0/25	BD/2/25	PY/DS/0.1
		-greenish tan colored, massive bedded mafic to int volcanic tuffs. Bddg variable but 25°TCA common. Alt. somewhat patchy. ⇒ less intense - greenish rather than tan color. Sparsely ank veined, 2.0mm width every 20-30cm various ∠TCA. Fract @ 25°TCA along bddg, trace gouge. Py as vfg to mg dissem 0.1%. Locally sheared w 1-3% gouge as follows - 151.58-153.92 - moderately broken 2% gouge. 159.20-159.71 - core strongly broken 161.25-166.44 - core mod to strongly broken w. 1-2% gouge.											

FROM	TO	SAMPLE #	RECOV.	Au g/t	Ag g/t
143.10	146.83	15854	1.01	0.34	
146.83	147.83	15855	1.00	0.34	
147.83	148.83	15856	0.94	0.27	
148.83	149.45	15857	0.43	0.17	
149.45	150.45	15858	0.42	0.17	
150.45	151.58	15859	0.46	0.10	
151.58	152.58	15860	0.80	0.03	
152.58	153.58	15861	0.77	0.07	
153.58	154.58	15862	0.73	0.03	
154.58	155.58	15863	0.82	0.14	
155.58	156.58	15864	0.84	0.58	
156.58	157.58	15865	0.77	0.45	
157.58	158.58	15866	0.92	0.24	
158.58	159.58	15867	0.85	0.07	
159.58	160.58	15868	0.94	0.03	
160.58	161.58	15869	0.93	0.03	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BV94DH003

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	AUN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
151.58	187.00													161.58	162.58	15870	0.94	TR	
CONT		169.87 - 170.83 - core strongly sheared in fine gouge.												162.58	163.58	15871	0.98	TR	
														163.58	164.25	15872	0.80	TR	
														164.25	165.58	15873	0.98	0.24	
														165.58	166.58	15874	0.97	0.96	
														166.58	167.58	15875	0.83	2.78	
														167.58	168.58	15876	0.96	0.17	
														168.58	169.58	15877	0.95	0.17	
														169.58	170.58	15878	0.87	0.10	
														170.58	171.58	15879	0.97	0.03	
														171.58	172.58	15880	0.89	TR	
														172.58	173.58	15881	0.91	0.03	
														173.58	174.58	15882	0.84	0.10	
														174.58	175.58	15883	0.98	0.10	
														175.58	176.58	15884	0.91	TR	
														176.58	177.58	15885	0.88	TR	
														177.58	178.58	15886	0.92	0.07	
														178.58	179.58	15887	0.85	0.17	
														179.58	180.58	15888	0.88	TR	
														180.58	181.58	15889	0.89	TR	
														181.58	182.58	15890	0.95	0.21	
														182.58	183.58	15891	0.98	0.14	
														183.58	184.58	15892	0.87	TR	
														184.58	185.58	15893	0.94	0.17	
														185.58	187.00	15894	1.25	0.10	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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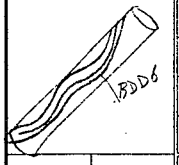
DDH BN94DH003

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
187.00	189.63		MFAS	5G	MS	BD	VN		0	0	BD/1/15		PY/DS/0.01
		-medium green massive bedded mafic volcanic tuff. Bddg wavy and @ low ∢TCA => in both directions => down dip. Weakly qtz-ank veined @ 70-80°TCA. Trace very fg dissem py throughout.											
189.63	190.92		MFCA	5T	MS	BD	VN		0	22	BD/1/15		PY/DS/0.5
		-similar to 187.00-189.63 except moderately to intensely altered. Mod carbonatized, upper + lower contacts gradational, contains fg to mg py dissem along bedding ≤0.5%. Minor patchy silic near base of section. Minor qtz-ankerite veining @ various ∢TCA.											
190.92	192.32	MZZN	MFCA	RA	MS	CR	VN		0	28	GV/1/60		PY/DS/1.0//QZ/PV/20
		-reddish gray massive, strongly silicified and crackled volcanic (?) Calcite veins 1 every 2-10 cm @ 60°TCA. Fg to mg dissem py ≤1% throughout. Trace extremely ff specularite.											
192.32	195.30		MFCA	RT	MS	BD	SH	GO	14	16	BD/1/15	FR/0/70	PY/DS/0.01
		-reddish tan to medium tan massive, bedded mafic to int volcanic tuff. Bddg @ ≈15-20°TCA, Fracts @ 70+25°TCA. Unit contains trace dissem py. Sheared w 1-2% gouge from 193.00-193.32.											
195.30	196.84	MZZN	MFCA	RT	MS	BN	GO		14	26	BN/3/15	LC/0/15	PY/DS VN/1.0
		-reddish tan, massive, banded, strongly silicified MFAS(?) Bedding obscured but mineralized bands are ∥ to adjacent bedding and lower contact ∥ bddg @ 15°TCA. Contains ≈1.0% pyrite as dissem + rare veinlets. Minor broken core w trace gouge in top 40 cm.											

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
187.00	188.00	15895	1.03	0.17	
188.00	189.00	15896	0.99	0.03	
189.00	189.63	15897	0.61	0.99	
189.63	190.27	15898	0.65	0.69	
190.27	190.92	15899	0.54	0.17	
190.92	191.62	15900	0.66	0.34	
191.62	192.32	15901	0.64	0.17	
192.32	193.32	15902	0.85	0.03	
193.32	194.32	15903	0.84	TR	
194.32	195.30	15904	0.92	0.14	
195.30	196.07	15905	0.66	0.07	
196.07	196.84	15906	0.77	0.75	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH003

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
196.84	202.79		MFCA	TA	MS	BD			0	14	BD/1/15	FR/0/15	PY/DS/0.5
		- tan grey to tan to greenish, massive, medium to coarse grained MFAS w welded texture. Bddg o shallow * TCA (≤ 15° TCA). Color changes occur w/o major changes in silic or ox content (light grey over 1 small section. Contains 0.5% disseminated pyrite. Fract @ 15° TCA.										
202.79	213.35		MFCA	ST	MS	BD	SH	GO	18	14	BD/1/10	SH/1/10	
		 - medium tan, massive bedded, weakly to moderately carbonatized volcanic tuff. Bedding wavy and @ cont'l not strictly // & TCA. Moderately sheared // bedding w 2-3% gouge from 207.79 - 210.79. Broken ball qtz veining from 207.60 - 210.61 - qtz & 10% of section. No ox noted in core.										
213.35	213.35												EOH.

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
196.84	197.84	15907	1.03	0.07	
197.84	198.84	15908	0.92	0.48	
198.84	199.84	15909	0.96	0.10	
199.84	200.84	15910	0.95	0.14	
200.84	201.84	15911	1.00	0.10	
201.84	202.79	15912	0.92	TR	
202.79	203.79	15913	0.95	0.03	
203.79	204.79	15914	0.94	TR	
204.79	205.79	15915	0.83	TR	
205.79	206.79	15916	0.93	0.14	
206.79	207.79	15917	0.85	0.17	
207.79	208.79	15918	0.90	0.10	
208.79	209.79	15919	0.82	0.03	
209.79	210.79	15920	0.73	0.07	
210.79	211.79	15921	0.87	0.14	
211.79	212.79	15922	0.85	TR	
212.79	213.35	15923	0.37	TR	

NORTH AMERICAN METALS CORP
DRILL LOG COVER SHEET

DATE:

PAGE 1 OF

DRILL HOLE #: BN94DH004 PROJECT AREA: BANDIT - RAM REEF SECTION:

DRILL HOLE LOCATION DATA

EASTING: 25682.799
NORTHING: 8226.125
ELEVATION: 2080.962
HOLE LENGTH (M): 152.39

DRILL DIARY

STARTING DATE: AUG 15 1994 NIGHT (DD/MM/YYYY)
COMPLETION DATE: AUG 16 1994 NIGHT. (DD/MM/YYYY)
LOGGED BY: APH RIG: DMW
CONTRACTOR: FALCON CORE SIZE: NQ
SURVEYED BY: RS. EDITED BY:

DOWN HOLE SURVEY DATA

SURVEY LEVEL	DEPTH	AZIMUTH	DIP (-/+)	TEST TYPE
COLLAR	0	159° 30' 5"	-59-18'-56"	SURVEY
1	75.89	—	-59	ACID
2	149.04	—	-59	ACID
3				
4				
5				

PURPOSE:

LITHOLOGY SUMMARY

FROM	TO	ROCK CODE	REMARKS	FROM	TO	ROCK CODE	REMARKS

COMMENTS:

CHECK LIST: ASSAY REPORT CORE PHOTOS

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN-94D-H004

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
0.0	3.05		CASE																
3.05	18.38		MFAS	5G	MS	BD			0	0	BD/2/35	FR/0/60	PY/DS/0.01						
		-medium green massive massive ash tuff. Bedding only locally visible @ 35°TCA, fracts common @ 60 + 30°TCA. Very fine grained, very sparse diss pyrite <<0.5%. White carb veinlets 0.5-2.0mm wide @ 40° TCA, 1 every 5-30cm.																	
18.38	19.46		ARGT	2A	MS	VN	SH		16	12	QA/2/20		PY/DS/0.5//LI/CO/0.1	18.38	19.46	15929	0.97	0.07	
		-dark grey massive argillite (?) no bedding visible. Cut by rusty orange weathering Fe carb veinlets to 2.0mm @ 20°TCA but also various ∢TCA. Orange limonite on fracts. Mod to strongly broken over lower 35cm.																	
19.46	32.98		MFAS	5G	MS				0	0	FR/0/45	FR/0/70	LI/CO/0.1						
		-medium green, intermediate ash tuff, medium to fine grained. No bedding visible. fracts @ 45 + 75°TCA. Mod limonite on fract. Forms upper portion of fining up sequence w/ LT below. This sect fines up also from mg to fg tuff. Minor calcite veining.																	
32.98	43.92		MFLP	5G	MS				12	0	FR/0/45		LI/CO/0.1						
		-medium green massive intermediate lapilli tuff. Unit coarsens upwards from very coarse lapilli (6-10cm blocks) angular frags up to coarse tuff. Contact w MFAS above is gradational. Fracts @ 45°TCA, trace limonite on fracts.																	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH004

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
43.92	49.14		MFAS	5G	MS	BD	VN		12	0	FR/0/50	BD/3/20	PY/DS/0.01						
		-medium green massive fg to mg int ash tuff w/ occl ARG1 interbeds to 30cm. Bedding apparent only from ARG1 @ 20°TCA. Fracts common @ 50°+30° TCA. Trace vfg py ≤0.01%. Cut by 0.5-2.0mm carb vnlts @ various ∡TCA 1 every 10-30cm. Most broken core 37.92 - 40.32m																	
		ARG1 interbeds @ - 46.12 - 46.20																	
		47.24 - 47.84																	
		- 10cm @ 48.76																	
49.14	50.16		ARG1	1A	MS	SH	GO		18	16	FR/0/45	LC/0/60	PY/VN/0.5/LI/CO/0.1	49.16	50.16	159.30	0.90	0.07	
		-dark grey to black massive argillite. Strongly broken throughout w/ trace gouge. Fracts @ 45°TCA, lower contact @ 60°TCA. Trace lim on fracts. Py occurs as veinlets to 1.0m @ various ∡TCA and irregular + minor dissemination ≤0.5%.																	
50.16	53.16		MFAS	5G	MS	BD	VN		12	12	FR/0/45	BD/3/30	PY/DS/0.1						
		-medium green massive, med to coarse grained int ash tuff w/ 1 ARG1 interbed from 52.30 - 52.65m. From arg: bddg @ 30°TCA. Qtz veins @ 45°TCA from 51.00 - 51.50. No py noted in veins. MFAS contains trace vfg diss pyrite. Lower 1.5m of section is very weakly carbonatized.																	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BV94DH004

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
53.16	56.81		MFCA	ST	MS	VN	BD		14	12	FR/0/50	BD/2/50	
		-medium tan to greenish tan massive poorly bedded weakly carbonatized mg to cg intermediate tuff with trace narrow < 2.0cm argillite interbeds, partic in bottom 15cm. Alt weakest in my sect from 55.34-56.81. Qtz-ank veinlets to 2.0mm @ 50°TCA one every 3-15cm. Fracts @ 50° TCA. No sx noted.											
56.81	59.64		ARGI	2A	MS	BD	VN	SH	18	12	BD/1/50	SH/3/50	LI/CO/0.01//PY/DS/0.1
		-massive, weakly bedded very dark grey to black argillite. Bddg @ 50°TCA. Very strongly fractured & broken, no gouge. Minor shearing on graphitic surfaces in lower 35cm. No sx noted. Weak lim on fract surfaces. Shearing + fracts @ 50°TCA. Trace diss py =? V fg.											
59.64	60.74	FZ	MFCA	5T	BX	GO	SH		26	18	FC/0/50	[illegible]	LI/CO/0.01
		-strongly carbonatized fault breccia, medium tan in color. Angular to subangular clasts to 5.0cm in a fine to medium grained tan matrix of Fe-carbonate. 15 cm of clay gouge @ top of section, gradational contact into alt zone below											
60.74	77.92	MZZN	MFCA	5A	MS	CR	VN	BX	0	24	FR/0/60		HE/DS/0.1//PY/DS/0.1
		-medium grey to tan grey to locally medium tan colored, weakly to moderately silicified and Fe-carb altered volcanic tuff. Original textures obscured. Now strongly crackled and moderately qtz-ank veined. Veinlets to 2.0mm wide, one every 5-20cm @ various < TCA											

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
53.16	54.25	15931	1.09	0.21	
54.25	55.34	15932	1.03	0.07	
55.34	56.07	15933	1.01	0.10	
56.07	56.81	15934	0.73	0.14	
56.81	57.81	15935	0.94	TR	
57.81	58.81	15936	1.01	TR	
58.81	59.64	15937	0.68	TR	
59.64	60.74	15938	1.02	0.31	
60.74	61.74	15939	0.95	0.03	
61.74	62.74	15940	0.96	0.10	
62.74	63.74	15941	0.97	0.24	
63.74	64.74	15942	1.05	0.41	
64.74	65.74	15943	0.96	0.31	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN94DH004

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL/HOW//AMOUNT
		Minor chalcedonic qtz @ 63.60m. Very minor breccia locally in qtz-ank matrix. Fracts common @ 60°TCA. Contains evenly distributed very fine grained specular hem ≤0.1% and trace dissem py parts in orangy colored sections. Trace clay min on fracts. * Alt seems most intense in coarser tuff sections. Relict volc tuff texture visible from 69.74 - 70.74. - fairly strongly silic from 76.35 - 77.92. * QZ/PV/20 under min											
77.92	79.24		MFCA	5T	MS	BD	VN	60	14	14	FR/0/50	BD/1/90	LI/CO/0.01
		- medium tan colored massive, bedded ag, moderately carbonatized, volcanic tuff. [illegible] in bdg @ 85 to 90°TCA. Minor qtz-ank veining @ various ∢TCA. Numerous [illegible] grains to 1.5 mm. Fracts @ 50°TCA. Limonite on fract surfaces ≤0.01%. No [illegible] noted under 40x											
79.24	95.38	MZZN	MFCA	TA	MS	CR	VN		12	28	FR/0/50	QA/2/50	HE/DS/0.1, PY/DS/0.1, QZ/PV/20
		- dark grey to tan grey coloured, massive, variably silicified volcanic tuff. Crackle texture is throughout & intensity varying with alt. Low crackle in orangy, [illegible] areas, more in greyer strongly silicified regions. Silica is also throughout but											

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
65.74	66.74	15944	0.95	TR	
66.74	67.74	15945	0.94	0.10	
67.74	68.74	15946	0.93	0.03	
68.74	69.74	15947	0.99	0.10	
69.74	70.74	15948	1.00	0.17	
70.74	71.74	15949	0.98	0.10	
71.74	72.74	15950	0.98	0.14	
72.74	73.35	15951	0.61	0.03	
73.35	74.35	15952	1.01	0.21	
74.35	75.35	15953	0.86	0.07	
75.35	76.35	15954	0.99	0.10	
76.35	77.13	15955	0.78	0.17	
77.13	77.92	15956	0.76	0.21	
77.92	78.58	15957	0.67	0.07	
78.58	79.24	15958	0.71	0.10	
79.24	80.24	15959	1.00	0.07	
80.24	81.24	15960	0.97	0.03	
81.24	82.24	15961	0.96	0.14	
82.24	83.24	15962	1.00	0.07	
83.24	84.24	15963	0.89	0.03	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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plus various ∡TCA

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
79.24	95.38												
95.38	99.32		MFCA	ST	MS	CR	VN		O	24	FR/0/40	QA/3/30	PY/DS/0.1; LI/CO 0.01

79.24–95.38 (continued): visible. Unit is thoroughly veined w qtz-ankerite veins, one every 5-20 cm. These seem to postdate the main silicifying event. Py w silic? Both fracts + qtz-ank veins are @ 50° TCA. Unit carries specular hem as vfg dissem ≤0.1% and py as fg to mg dissem + locally as veinlets ≤0.1%. These are most intense in most strongly silic areas. Locally w high Si up to 5% py over 30-60 cm (1 area - see below). Trace limonite on fracts.

DETAILED NOTES

→ 79.24 - 83.24 - mod silic.

→ 83.24 - 84.24 - mild shearing, mild-mod silic

→ 84.24 - 86.24 - extremely sil w up to 5-7% py as ds + vn over 60 cm

→ 87.24 - 88.24 - rel unalt + unsilic volc → still green.

→ 88.24 - 95.38 - mod to very sil. (patchy)

95.38–99.32: medium tan fine grained, massive, lightly crackled + veined, moderately carbonatized volcanic tuff. Only locally silic when fracturing or crackling and veining are most intense → patches of grey to 15 cm. qtz-ank veins common @ 30° TCA, fracts common @ 40° TCA. Carries trace diss py ≤ 0.1 and fine coating limonite on fractures.

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
84.24	85.24	15964	0.97	2.91	
85.24	86.24	15965	1.00	1.85	
86.24	87.24	15966	0.96	0.27	
87.24	88.24	15967	0.95	0.14	
88.24	89.24	15968	1.00	0.69	
89.24	90.24	15969	0.93	0.48	
90.24	91.24	15970	1.01	0.14	
91.24	92.24	15971	0.92	0.07	
92.24	93.24	15972	0.95	0.10	
93.24	94.24	15973	1.00	0.14	
94.24	94.60	15974	0.32	0.85	
94.60	95.38	15975	0.79	0.10	
95.38	96.38	15976	0.88	0.07	
96.38	97.38	15977	1.00	0.03	
97.38	98.38	15978	0.94	0.03	
98.38	99.32	15979	0.96	0.17	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	AUN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
99.32	104.68	MZZN	MFCA	2A	MS	CR	VN		0	26	FR/0/40		HE/DS/0.5//PY/DS/0.1
104.68	108.22		MFAS	5G	MS	BD	VN		0	0	BD/2/70	FR/0/60	PY/DS/0.01
108.22	109.26		MFCA	4A	MS	CR	VN		0	22	FR/0/60	QA/2/70	PY/DS/0.5//QZ/PV/10

99.32–104.68: - dark grey, massive, crackled, moderately to strongly silicified volcanic tuffs. Strongly crackled throughout with sil. flooding most intense in strongest crackle areas. Cut by qtz-carb veinlets one every 5-30 cm @ various < TCA. Fracts @ 40° TCA. Unit carries ≤ 0.5% vfg diss specularite and locally to 0.5% fg to mg dissem py. Trace limonite clay gouge on fractures.

104.68–108.22: - medium green, fine grained massive intermediate ash tuff. Vague bedding @ 70° TCA, beds 0.5 - 1.0 cm thick at a minimum. Lightly qtz-carb veined 0.5 - 1.5 mm wide 1 every 10-30 cm @ various < TCA. Contains trace vfg diss py. Minor MFCA @ 106.38 for 20 cm.

108.22–109.26: - darkish grey, massive, crackled, lightly to moderately silicified fine grained MFAS. Silicification in stronger veining along crackled zones. Veins mainly qtz but minor carb also. Veins often @ 70° TCA up to 3.0 m wide. Fracts @ 60° TCA. Carries dissem py ≤ 0.5% often in or near veinlets.

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
99.32	100.32	15980	1.00	0.38	
100.32	101.32	15981	1.10	0.21	
101.32	102.32	15982	0.92	0.17	
102.32	103.32	15983	0.94	0.38	
103.32	104.32	15984	0.97	0.10	
104.32	104.68	15985	0.35	0.07	
104.68	105.68	15986	1.00	0.14	
105.68	106.68	15987	0.97	0.21	
106.68	107.68	15988	0.98	0.14	
107.68	108.22	15989	0.46	0.14	
108.22	109.26	15990	1.02	0.24	

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LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
109.26	114.22		MFAS	SG	MS	BD	VN		0	0	BN/2/70	FR/0/50	PY/DS/0.01//LI/CO/0.1
		- medium green fine grained massive, bedded int ash tuff. Bdg @ 70°TCA. Contains blotch feldsp-hbl porph from 111.78–113.17m (1.5m!) Fracts common @ 50° TCA. Light limonite on fracts. Vfg pyrite evenly dissem ~0.01% (trace.)											
114.22	117.57		MFCA	GT	MS	CR	VN	SH	14	14	FR/0/40		PY/DS/0.01
		- greenish tan and tan-green, massive lightly to moderately carbonatized fg. int ash tuff. Alt patchy. Moderately crackled w qtz ank veining + ser-alb alt. Veins to 3.0mm @ various ∢TCA. Broken core w shearing + minor gouge @ 116.50m. Trace vfg diss py.											
		* 116.22 - 116.87 covers shear + most intense alt											
117.57	119.15		MFCA	3A	MS	CR	VN		14	22	FR/0/40		PY/DS/0.5//QZ/PV/10 LI/CO/0.1
		- darkish grey, lightly to moderately silicified fg int ash tuff, crackle tex w qtz-ank veinlets along crackle @ various ∢TCA. Fracts @ 40°TCA. Diss fg py assoc w veining 0.5%, light limonite on fracts. Lightly broken core 118.00 – 118.36.											
119.15	121.62		MFAS	SG	MS	VN			0	12	FR/0/40	QA/2/60	PY/DS/0.01//LI/CO/0.1
		- medium green massive fine grained int ash tuff. Calcite veins occur often @ 60°TCA every 10-30cm often w lim. Limonite of fract surfaces. Trace very fg py as dissem.											

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
109.26	110.26	15991	1.08	0.10	
110.26	111.26	15992	0.84	TR	
111.26	112.26	15993	0.98	0.07	
112.26	113.26	15994	1.00	TR	
113.26	114.22	15995	0.92	TR	
114.22	115.22	15996	1.02	0.17	
115.22	116.22	15997	0.93	0.21	
116.22	116.87	15998	0.64	0.10	
116.87	117.57	15999	0.70	0.07	
117.57	118.36	16000	0.87	0.24	
118.36	119.15	13801	0.78	0.27	
119.15	120.38	13802	1.20	0.03	
120.38	121.62	13803	1.25	0.03	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL/HOW//AMOUNT
121.62	130.76		MFCA	AT	MS	CR	BD		14	16	FR/0/45	BD/2/70	PY/DS/0.1 / QV/FT/2.0 / LI/CO/0.1

- greyish tan, massive, lightly crackled. Moderately carbonatized and patchily silicified ash tuff. Greyish in silicified areas. Fracts @ 45°TCA, bedding 70°TCA. Py occurs as dissem and minor veinlets (rare) ≤ 0.1% overall. Light orange gouge limonite common on fracts. Very little veining.

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL/HOW//AMOUNT
130.76	147.63		MFCA	5A	MS	CR	VN		0.	24	FR/0/60	QA/1/60	HE/DS/0.1 / PY/DS/0.1 / QZ/PV/5.0

- medium grey, lightly to locally moderately silicified coarse tuff to lapilli tuff (frags to 0.6cm). Moderately to strongly crackled. Light grey, silica veining in crackle. Qtz-ank veins to 2.0mm one every 20-40cm @ 60°TCA. Fracts @ 60°TCA. Carries dissem specularite ≤ 0.1% ufg. Also diss fg pyrite 0.1% * less silicic sections have a "spotty" texture

LG → 136.00 - 136.70

→ 147.00 - 147.60

=> py strongest in strongest silic.

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
121.62	122.62	13804	0.95	0.07	
122.62	123.62	13805	0.98	0.10	
123.62	124.62	13806	0.94	0.17	
124.62	125.62	13807	1.00	0.27	
125.62	126.62	13808	0.85	0.14	
126.62	127.62	13809	0.98	0.21	
127.62	128.62	13810	0.97	0.10	
128.62	129.62	13811	0.98	0.14	
129.62	130.76	13812	1.08	0.14	
130.76	131.76	13813	0.98	1.10	
131.76	132.76	13814	0.99	0.65	
132.76	133.76	13815	0.90	0.03	
133.76	134.76	13816	1.00	0.07	
134.76	135.76	13817	0.97	TR	
135.76	136.76	13818	1.01	0.03	
136.76	137.76	13819	1.00	0.10	
137.76	138.76	13820	0.99	0.14	
138.76	139.76	13821	0.87	0.07	
139.76	140.76	13822	0.95	TR	
140.76	141.76	13823	1.05	0.10	
141.76	142.76	13824	1.02	0.17	
142.76	143.76	13825	0.91	0.24	
143.76	144.76	13826	0.92	0.10	
144.76	145.76	13827	1.00	TR	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	AUN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
147.63	152.40		MFAS	AG	MS	CR			18	12	FR/0/70		PY/DS/0.01//LI/CO/0.01
		greyish green fg. intask tuff. Mild silic in grey color in centre of sect. Massive in mild crackle in grey section. Trace limonite gouge on fracture, trace Vfg disseminated py. Core moderately broken throughout.											
152.40	152.40		EOH										

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
145.76	146.76	13828	0.99	0.14	
146.76	147.63	13829	0.81	0.07	
147.63	148.63	13830	1.00	TR	
148.63	149.63	13831	0.94	0.03	
149.63	150.63	13832	1.00	TR	
150.63	151.63	13833	1.05	0.07	
151.63	152.40	13834	0.70	TR	

NORTH AMERICAN METALS CORP
DRILL LOG COVER SHEET

DATE: _____ PAGE 1 OF

DRILL HOLE #: BN94DH005 PROJECT AREA: BANDIT - RAM REEF SECTION:

DRILL HOLE LOCATION DATA

EASTING: 25548.438
NORTHING: 8163.399
ELEVATION: 2049.731
HOLE LENGTH (M): 152.40

DRILL DIARY

STARTING DATE: 18/08/1994 NIGHT (DD/MM/YYYY)
COMPLETION DATE: 19/08/1994 NIGHT (DD/MM/YYYY)
LOGGED BY: APH RIG: DMW
CONTRACTOR: FALCON CORE SIZE: NQ
SURVEYED BY: APH EDITED BY:

DOWN HOLE SURVEY DATA

SURVEY LEVEL	DEPTH	AZIMUTH	DIP (+/-)	TEST TYPE
COLLAR	0	157° 28' 13"	-62°-04'-19"	SURVEY
1	76.20	—	-60	ACID
2	152.40	—	-60	ACID
3				
4				
5				

PURPOSE:

LITHOLOGY SUMMARY

FROM	TO	ROCK CODE	REMARKS	FROM	TO	ROCK CODE	REMARKS

COMMENTS:

CHECK LIST: ASSAY REPORT CORE PHOTOS

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	AUN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
0	9.14		CASE																
9.14	39.62		MFAS	AG	MS	BD	CR	SH	14	12	FR/0/60	BD/3/60	PY/DS/0.1//LI/CO/0.01						
			- greyish green massive ash tuff w/ ash lapilli section and/or clasts and minor irregular ARGI interbeds. Very mildly altered w/ minor addition of py. No silicification. Blebby @ 60° TCA. Lightly cracked locally. Fracts common @ 60° TCA. Carries trace disem py, mod limonite on fract surfaces. Locally, fairly intensely sheared (20.90 - 20.60m + 30.00 - 30.40m) w/ minor gouge.																
													LAPILLI - ⇒ 14.33 - 17.40 - fine lapilli						
													24.00 - 24.80m - coarse lapilli						
39.62	48.66		MFAS	SG	MS	VN	BD		0	0	FR/	BD/2/60	PY/DS/0.1//LI/CO/0.1						
			- medium green, fine to medium grained massive ash tuff w/ minor to medium bedded ARGI interbeds (dark grey to black). Interbeds < 5% of section. Weakly calcite veined @ x° of 30-60° TCA, every 10-30 cm. Argi interbed @ 60° TCA. Fracts common @ 45° + 60° TCA. Carries trace disem py, light to mod limonite on fracts.																

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
48.66	49.31		MFCA	OT	MS	CR	SH		14	18	FR/0/45	-/-/	PY/DS/0.1	48.66	49.31	13835	0.48	0.03	
		-orangy tan colored, massive, crackled, moderately carbonatized,																	
		fine grained mafic ash tuff, moderately crackled; contains																	
		irregular ARGT beds/patches. Sheared moderately @ base of section																	
		adjacent to fault. Carries dissem py ≤0.1%.																	
49.31	49.62	FZ	GOUG	.5T	GO	SH			28	22	SH/4/60		LI/GO/0.1	49.31	49.62	13836	0.22	0.55	
		-medium tan colored, fault zone. ≤50% gouge, rest is sheared																	
		rock frags. Shearing @ 60°TCA. Gouge is limonitic.																	
49.62	52.73		MFCA	6T	MS	CR	SH	GO	12	16	FR/0/10	FR/0/40	PY/DS/0.1//LI/CO/0.1	49.62	50.62	13837	0.80	0.17	
		-lightish tan colored massive crackled moderately to strongly												50.62	51.62	13838	0.84	0.17	
		carbonatized int tuffs. Minor silica. Fracts common @ 10° + 40°TCA												51.62	52.73	13839	0.79	0.03	
		w minor shearing on fracts and trace gouge (limonite). Unit																	
		carries trace fg dissem py.																	
52.73	64.50		MFCA	TA	MS	CR	SH	GO	18	24	FR/0/50		QZ/PV/5.0 / PY/DS/0.1	52.73	53.73	13840	0.96	0.07	
		-grey w tan colored areas, massive, crackled, slightly to moderately												53.73	54.73	13841	0.96	0.10	
		silicified ash tuffs. Moderately to well crackled w silica most												54.73	55.73	13842	0.65	0.27	
		intense where crackle most intense. Entire unit is moderately												55.73	56.73	13843	0.75	0.72	
		broken w yellow-tan gouge dusting on fract surfaces. Fracts												56.73	57.73	13844	0.79	0.03	
		@ 50°TCA. Carries pyrite as fg to mg disseminations ≤0.1%.												57.73	58.73	13845	0.75	0.31	
		Locally qtz veinlets @ various <TCA, 0.5-2.0mm wide, 1 every 5-15cm.												58.73	59.73	13846	0.77	0.03	
														59.73	60.73	13847	0.85	0.31	
														60.73	61.73	13848	0.92	0.31	
														61.73	62.73	13849	0.96	0.07	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALIN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
														62.73	63.73	13850	0.89	0.10	
														63.73	64.50	13851	0.68	0.27	
64.50	69.80	MZZN	MFCA	SA	MS	CR	VN	GO	0	26	FR/0/45		HE/DS/0.1//PY/DS/0.1	64.50	65.50	13852	0.97	0.10	
		medium grey, massive, thoroughly crackled, moderately											QZ/PV/15	65.50	66.50	13853	0.95	0.03	
		to strongly silicified int ash tuff. Fracts @ 45°TCA w yellowish												66.50	67.50	13854	0.94	0.14	
		orange gougy coating. Unit is qtz-carb veined @ various ∢TCA, 1-2												67.50	68.50	13855	0.96	0.14	
		mm veinlets 1 every 5-10cm. Carries trace fg diss hematite												68.50	69.15	13856	0.57	0.10	
		(specularite) and trace fg to mg dissem py.												69.15	69.80	13857	0.39	0.03	
69.80	83.90		MFCA	TA	MS	CR	VN		12	22	FR/0/45	FR/0/60	QZ/PV/5.0//PY/DS/0.1	69.80	70.80	13858	0.73	0.07	
		grey w tan colored areas (patches), massive,											HE/DS/0.1	70.80	71.80	13859	0.80	0.24	
		moderately to strongly crackled, patchily silicified tuff												71.80	72.80	13860	0.98	0.41	
		(fg). Greater silic w ↑ crackle, ↑ grey color w silic. Fracts												72.80	73.80	13861	0.96	0.07	
		common @ 45°+60° TCA. Carries trace dissem fg-mg pyrite and also												73.80	74.80	13862	0.95	0.27	
		trace hem (spec) (in grey silicic regions only). Minor qtz-carb												74.80	75.80	13863	0.75	0.27	
		veinlets as in above unit.												75.80	76.80	13864	0.69	0.38	
														76.80	77.80	13865	0.86	0.17	
														77.80	78.80	13866	0.96	0.10	
														78.80	79.80	13867	0.93	0.51	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
83.90	90.58		MFAS	SG	MS	VN			0	12	FR/0/45	CV/1/40	LI/CO/0.01
90.58	102.70		MFCA	AT	MS	BD	VN		12	18	BD/2/50	FR/0/45	QZ/PT/5.0//HE/DS/0.01 PY/DS/0.1//LI/CO/0.01

83.90–90.58: - medium green massive medium grained int ash tuff. w very rare lapilli clasts. No bedding apparent. Very weakly carbonatized + mod broken from 84.30 – 86.10 m. Moderately calcite veined 1-2 mm wid @ various ∢TCA but 40° common. Trace lim on fract surfaces

90.58–102.70: - predominantly tan coloured, fine grained, massive, bedded, int ash tuff. Local grey patches where there is light to mod silicification. Bddg @ 50° TCA. Fracts average 45° TCA. Weakly qtz-ank veined @ various ∢ TCA 1 every 15-40 cm, higher density near grey silicic patches. Sparse vfg py in tan tuff, trace in silicic zones which also contain trace dissem vfg hem. Minor lim on fract surfaces.

* 101.08 – 101.18 - 10 cm sample over a pyrite + sid vein nugget.

* 102.50 - TRACE BN. (BORNITE)

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
79.80	80.80	13868	0.79	0.07	
80.80	81.80	13869	0.89	0.14	
81.80	82.80	13870	0.78	0.07	
82.80	83.90	13871	0.88	0.03	
83.90	84.90	13872	0.89	0.21	
84.90	85.90	13873	0.77	0.03	
85.90	86.90	13874	0.92	0.14	
86.90	87.90	13875	0.98	0.07	
87.90	88.90	13876	0.95	TR	
88.90	89.90	13877	0.91	0.03	
89.90	90.58	13878	0.61	0.03	
90.58	91.58	13879	0.99	0.14	
91.58	92.58	13880	0.84	0.07	
92.58	93.58	13881	0.97	0.10	
93.58	94.58	13882	0.79	0.14	
94.58	95.58	13883	0.90	TR	
95.58	96.58	13884	0.95	0.10	
96.58	97.58	13885	0.73	TR	
97.58	98.58	13886	0.97	0.07	
98.58	99.58	13887	1.01	0.14	
99.58	100.58	13888	1.02	0.10	

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LITHOLOGY LOGGING SHEET

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FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALTN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT
102.70	104.74		MFCA	TA	MS	BD	CR	VN	O	22	BD/1/70	FR/0/45	PY/DS/0.01//HE/DS/0.01
		- dark grey with tan patches and streaks moderately silicified massive, bedded ash tuffs. Bdding @ 70°TCA 1-3mm thick. Fracs average 45°TCA. Carries trace vfg disseminated pyrite and trace vfg hematite. Weak qtz-ank veins 1 every 10-20cm @ 40-60° TCA.											
104.74	107.47		MFCA	AT	MS	BD	CR		14	14	BD/1/70	FR/0/60	QZ/PT/0.5//PY/DS/0.01
		- tan to greyish patches, massive bedded ash tuffs. Moderately carbonatized and patchily silicified when mild to moderate qtz-ank veining is present. Bdding @ 70°TCA, fracs common @ 60°TCA. Carries trace vfg pyrite as disseminations											
107.47	139.45		MFCA	TA	MS	CR	VN		O	22	FR/0/60		QZ/PT/10//PY/DS/0.01
		⇒ Tan patches in a mainly medium grey colored, lightly to moderately silicified (qtz-alt) ash tuff. Massive and well crackled. Lightly to mod QZ-ANK veined @ various KTCA 1 every 10-25cm. Fracs common @ 60°TCA. Carries vfg disseminated pyrite and spec. Less in trace amounts. Light limonite on fracs.											HE/DS/0.01//CL/CO/0.01

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
100.58	101.08	13889	0.49	0.31	
101.08	101.18	13890	0.12	0.48	
101.18	102.10	13891	0.79	0.27	
102.10	102.70	13892	0.58	0.07	
102.70	103.72	13893	1.02	0.10	
103.72	104.74	13894	0.88	TR	
104.74	105.74	13895	0.91	0.03	
105.74	106.74	13896	0.84	TR	
106.74	107.47	13897	0.69	0.65	
107.47	108.47	13898	0.90	0.24	
108.47	109.47	13899	0.92	1.41	
109.47	110.47	13900	0.91	0.07	
110.47	111.47	13901	0.83	2.67	
111.47	112.47	13902	0.62	3.29	
112.47	113.47	13903	0.36	0.55	
113.47	114.47	13904	0.96	0.75	
114.47	115.47	13905	1.00	0.18	
115.47	116.47	13906	0.92	0.07	
116.47	117.47	13907	0.91	0.07	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3

DDH BN94DH005

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	ALN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL/HOW//AMOUNT
107.47	134.45												
CONT													
134.45			MFAS	SG	MS	BD	VN		12	0	FR/0/45/70	BD/1/50	PY/DS/0.01//LI/CO/0.01

-medium green massive bedded w/ ± py to mg intermediate ash tuff. Bddg @ 50°TCA, fracts common @ 45° + 70°TCA. Carries tiny py as dissem and tiny [illegible] on fracts. Moderately calcite veined various ∡TCA 1-2 mm. 2 patches [illegible]

FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
117.47	118.47	13908	0.98	0.07	
118.47	119.47	13909	0.96	0.10	
119.47	120.47	13910	0.97	0.03	
120.47	121.47	13911	0.99	0.14	
121.47	122.47	13912	0.93	TR	
122.47	123.47	13913	0.97	0.14	
123.47	124.47	13914	0.95	TR	
124.47	125.47	13915	0.95	0.03	
125.47	126.47	13916	0.99	TR	
126.47	127.47	13917	0.88	TR	
127.47	128.47	13918	1.00	TR	
128.47	129.47	13919	1.00	TR	
→ 129.47	130.47	13920	0.93	0.03	
130.47	131.47	13921	0.90	0.07	
131.47	132.47	13922	0.90	0.07	
132.47	133.47	13923	1.03	TR	
133.47	134.45	13924	0.94	0.07	
134.45	135.35	13925	0.85	TR	
135.35	136.25	13926	0.85	TR	
136.25	137.25	13927	0.94	TR	
137.25	138.25	13928	0.94	0.07	
138.25	139.25	13929	0.89	TR	

NORTH AMERICAN METALS CORP
LITHOLOGY LOGGING SHEET

c:\data\expl-geo\lithol.wk3 DDH BN 94DH005

FROM	TO	FLAG	ROCK CODE	COLOR	TEXT 1	TEXT 2	TEXT 3	TEXT 4	STRUCT INT	AUN INT	STRUCT 1 FT/TH/AN	STRUCT 2 FT/TH/AN	MINERALIZATION MINERAL//HOW//AMOUNT	FROM	TO	SAMPLE #	RECOV	Au g/t	Ag g/t
														139.25	140.25	13930	0.93	0.07	
		veining and moderate silicification + py mineralization (0.5%)												140.25	141.25	13931	0.88	TR	
		=> 136.25 - 137.25 } siliceous zones - red gray to ↑ py												141.25	142.25	13932	0.94	0.07	
		145.10 - 145.80 } content.												142.25	143.25	13933	0.77	TR	
														143.25	144.25	13934	0.91	0.03	
														144.25	145.10	13935	0.78	0.21	
														145.10	145.80	13936	0.67	TR	
														145.80	146.80	13937	0.89	TR	
														146.80	147.80	13938	0.89	0.03	
														147.80	148.80	13939	0.92	0.03	
														148.80	149.80	13940	0.92	TR	
														149.80	150.80	13941	0.96	TR	
														150.80	151.80	13942	0.88	TR	
														151.80	152.40	13943	0.57	0.07	
152.40	152.40		EOH																

GOLDEN BEAR OPERATING COMPANY

DATE: August 10/94

MINE ASSAY REPORT (Drill SAMPLES)

Exploration

ASSAYER: H. Hepp

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15501	D-H. #001	TR				
02		0.07				
03		TR				
04		0.02				
05		0.17				
06		0.24				
07		0.14				
08		1.51		FAULT CONTACT		
09		1.89				
10		TR				
11		0.31				
12		0.07				
13		0.14				
14		0.03				
15		0.03				
16		0.62				
17		0.03				
18		0.65				
19		0.10				
20		0.16				
21		0.17				
22		0.24				
23		2.09				
24		0.12				

GOLDEN BEAR OPERATING COMPANY

DATE: August 16/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Hepner

Exploration

BANDIT BN94DH001

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15525	D.H. # 001	0.38				
26	↓	0.55				
27		0.69				
28		0.65				
29		0.17				

GOLDEN BEAR OPERATING COMPANY

DATE: August 10/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: A. Chen

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15530	DH #001	0.62				
31		0.48				
32		0.55				
33		0.89				
34		1.37				
35		0.29				
36		0.21				
37		0.24				
38		0.27				
39		0.10				
40		0.21				
41		0.10				
42		0.16				
43		0.14				
44		0.89				
45		0.79				
46		0.93				
47		0.96				
48		0.79				
49		0.38				
50		1.34				
51		0.62				
52		1.54				
53		0.10				

GOLDEN BEAR OPERATING COMPANY

DATE: August 10/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Hoar

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15554	DH #001	0.51				
55		1.34				
56		0.10				
57		0.21				
58		0.31				
59		0.69				
60		0.21				
61		0.86				
62		0.65				
63		0.07				
64		0.03				
65		0.45				
66		0.41				
67		0.51				
68		0.03				
69		0.45				
70		0.07				
71		0.31				
72		0.24				
73		5.45				
74		0.27				
75		0.27				
76		0.27				
77		0.10				

GOLDEN BEAR OPERATING COMPANY

MINE ASSAY REPORT (Drill SAMPLES)

Exploration

DATE: August 10/94

ASSAYER: H. Hop

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15578	D.H # 001	0.21				
79		0.17				
80		0.21				
81		0.31				
82		0.58				
83		0.14				
84		0.48				
85		1.30				
86		1.17				
87		0.07				
88		1.34				
89		0.03				
90		0.31				
91		0.21				
92		0.14				
93		TR				
94		0.14				
95		TR				
96		0.10				
97		0.03				
98		0.24				
99		0.27				
15600		TR				
01		TR				

GOLDEN BEAR OPERATING COMPANY

DATE: August 11/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Ung

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15602	DH #001	0.03				
03		0.17				
04		0.27				
05		0.17				
06		0.14				
07		0.07				
08		TR				
09		TR				
10		TR				
11		0.03				
12		TR				
13		TR				
14		0.21				
15		TR				
16		TR				
17		TR				
18		TR				
19		TR				
20		0.16				
21		0.03				
22		0.07				
23		TR				

GOLDEN BEAR OPERATING COMPANY

DATE: August 12/94

MINE ASSAY REPORT (Drill SAMPLES)
Exploration

ASSAYER: H. Hop

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15624	DH # 002	0.17				
25		0.21				
26		0.24				
27		0.21				
28		0.17				
29		0.51				
30		0.27				
31		0.27				
32		0.34				
33		1.47				
34		1.36				
35		9.12				
36		0.58				
37		0.03				
38		0.31				
39		0.10				
40		0.16				
41		0.10				
42		0.17				
43		0.45				
44		0.31				
45		0.45				
46		0.17				
47		0.14				

GOLDEN BEAR OPERATING COMPANY

DATE: August 12/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: A. Hay

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15648	D.H. #002	0.45				
49		2.26				
50		0.62				
51		0.3				
52		0.03				
53		0.55				
54		0.24				

GOLDEN BEAR OPERATING COMPANY

DATE: August 12/94

MINE ASSAY REPORT (Drill SAMPLES)
Exploration

ASSAYER: H. Hein

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15655	D.H. #002	0.69				
56		0.34				
57		2.02				
58		1.21				
59		0.25				
60		0.55				
61		1.85				
62		0.34				
63		0.82				
64		0.22				
65		0.62				
66		0.41				
67		0.27				
68		0.27				
69		0.21				
70		0.10				
71		0.10				
72		0.31				
73		0.09				
74		0.69				
75		2.67				
76		1.44				
77		1.17				
78		0.27				

GOLDEN BEAR OPERATING COMPANY

DATE: August 12/94

MINE ASSAY REPORT (Drill SAMPLES)
Exploration

ASSAYER: H. Weir

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15629	D.H. # 002	0.10				
80		0.65				
81		0.17				
82		0.07				
83		1.23				
84		0.24				
85		1.65				
86		1.75				
87		1.13				
88		0.34				
89		0.07				
90		0.24				
91		0.69				
92		0.24				
93		0.34				
94		0.37				
95		0.03				
96		0.55				
97		0.07				
98		0.07				
99		0.14				
15700		0.10				
01		0.38				
02		0.03				

GOLDEN BEAR OPERATING COMPANY

DATE: August 12/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: B. Hope

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15203	D.H. #002	0.24				
04		0.14				
05		0.10				
06		1.10				
07		0.31				
08		0.93				
09		0.34				
10		0.17				

GOLDEN BEAR OPERATING COMPANY

DATE: August 14/94

MINE ASSAY REPORT (Drill SAMPLES)
Exploration

ASSAYER: A. Hägar

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15211	D.H. # 002	0.38				
12		0.07				
13		0.34				
14		0.07				
15		0.93				
16		0.55				
17		0.58				
18		0.45				
19		0.96				
20		0.86				
21		0.65				
22		0.55				
23		0.75				
24		0.69				
25		1.58				
26		0.41				
27		0.51				
28		0.55				
29		0.07				
30		TR				
31		TR				
32		TR				
33		0.10				
34		0.21				

GOLDEN BEAR OPERATING COMPANY

DATE: August 14/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Hep

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15235	D.H. # 002	TR				
36		0.14				
37		0.00				
38		TR				
39		0.17				
40		0.03				
41		0.10				
42		TR				
43		0.21				
44		0.10				
45		0.24				
46		0.03				
47		TR				
48		0.17				
49		0.31				
50		0.34				
51		0.24				
52		TR				
53		0.14				
54		0.10				
55		0.24				
56		0.03				
57		0.07				
58		TR				

GOLDEN BEAR OPERATING COMPANY

DATE: August 14/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: W. Wagner

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15759	D.H. #002	TR				
60	↓	0.03				
61		0.14				
62		0.10				

GOLDEN BEAR OPERATING COMPANY

DATE: August 15/94

MINE ASSAY REPORT (Drill SAMPLES)
Exploration

ASSAYER: H. Hepp

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15763	D-H # 002	0.07				
64		1.17				
65		0.07				
66		0.58				
67		0.14				
68		0.21				
69		0.10				
70		0.21				
71		0.48				
72		0.24				
73		0.10				
74		0.38				
75		0.14				
76		0.10				
77		0.14				
78		0.24				
79		0.14				
80	↓	0.17				

GOLDEN BEAR OPERATING COMPANY

DATE: August 16/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Hea

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15781	D.H. #003	0.10				
82		TR				
83		0.14				
84		0.10				
85		TR				
86		0.00				
87		0.41				
88		0.21				
89		0.14				
90		0.03				
91		TR				
92		0.07				
93		0.03				
94		TR				
95		0.14				
96		0.34				
97		6.72				
98		1.78				
99		2.74				
15800		0.45				
01		0.27				
02		0.65				
03		0.10				
04	↓	0.10				

GOLDEN BEAR OPERATING COMPANY

DATE: August 15/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Hop

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S- %
15805	D.H # 003	0.27				
06		0.27				
07		1.47				
08		0.82				
09		1.95				
10		0.25				
11		0.69				
12		0.21				
13		0.02				
14		0.34				
15		0.22				
16		0.10				
17		0.14				
18		0.07				
19		0.10				
20		0.07				
21		0.24				
22		0.14				
23		0.14				
24		0.41				
25		1.27				
26		2.71				
27		1.99				
28		0.62				

GOLDEN BEAR OPERATING COMPANY

DATE: August 16/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Hepp

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15829	D.H. #003	0.24				
30		0.21				
31		0.24				
32		0.16				
33		0.10				
34		0.51				
35		1.10				

GOLDEN BEAR OPERATING COMPANY

DATE: August 16/94

MINE ASSAY REPORT (Drill SAMPLES)
Exploration

ASSAYER: H. Hepp

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S- %
15836	D.H. # 003	0.10				
37		0.24				
38		TR				
39		TR				
40		TR				
41		0.07				
42		1.47				
43		0.10				
44		TR				
45		0.21				
46		0.03				
47		TR				
48		0.17				
49		0.07				
50		1.30				
51		0.45				

GOLDEN BEAR OPERATING COMPANY

DATE: August 12/94

MINE ASSAY REPORT (Drill SAMPLES)
Exploration

ASSAYER: H. Hepner

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15852		0.45				
53		0.07				
54		0.34				
55		0.34				
56		0.27				
57		0.17				
58		0.27				
59		0.10				
60		0.03				
61		0.07				
62		0.03				
63		0.14				
64		0.58				
65		0.45				
66		0.24				
67		0.07				
68		0.03				
69		0.03				
70		TR				
71		TR				
72		TR				

GOLDEN BEAR OPERATING COMPANY

DATE: August 18/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Hepner

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15873	D-H #003	0.24				
74		0.96				
75		3.28				
76		0.17				
77		0.17				
78		0.10				
79		0.03				
80	↓	TR				

GOLDEN BEAR OPERATING COMPANY

DATE: August 19/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: A. Hop

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15881	D.H. # 003	0.03				
82		0.10				
83		0.16				
84		TR				
85		TR				
86		0.02				
87		0.10				
88		TR				
89		TR				
90		0.21				
91		0.14				
92		TR				
93		0.12				
94		0.10				
95		0.17				
96		0.03				

GOLDEN BEAR OPERATING COMPANY

MINE ASSAY REPORT (Drill SAMPLES)
Exploration

DATE: August 20/94

ASSAYER: [illegible signature]

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15897		0.99				
98		0.69				
99		0.17				
15900		0.34				
01		0.17				
02		0.03				
03		TR				
04		0.14				
05		0.07				
06		0.75				
07		0.07				
08		0.48				
09		0.10				
10		0.14				
11		0.10				
12		TR				
13		0.03				
14		TR				
15		TR				
16		0.14				
17		0.17				
18		0.10				
19		0.03				
20		0.07				

GOLDEN BEAR OPERATING COMPANY

MINE ASSAY REPORT (Drill SAMPLES)

Exploration

DATE: August 20/94

ASSAYER: A. Hegr

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15921	D.H. #003	0.14				
22		TR				
23		TR				
15929	D.H. #004	0.07				
30		0.07				
13801		0.27				
02		0.03				
03		0.03				
04		0.07				
05		0.10				

GOLDEN BEAR OPERATING COMPANY

DATE: August 19/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: D. Hoppe

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15931	D.H. # 004	0.21				
32		0.07				
33		0.16				
34		0.14				
35		TR				
36		TR				
37		TR				
38		0.31				
39		0.03				
40		0.10				
41		0.24				
42		0.41				
43		0.31				
44		TR				
45		0.16				
46		0.03				
47		0.10				
48		0.17				
49		0.10				
50		0.14				
51		0.03				
52		0.21				
53		0.07				
54	↓	0.10				

GOLDEN BEAR OPERATING COMPANY

DATE: August 19/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: A. Hop

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15955	D.H. # 004	0.17				
56		0.21				
57		0.07				
58		0.10				
59		0.07				
60		0.03				
61		0.14				
62		0.07				
63		0.03				
64		2.91				
65		1.85				
66		0.27				
67		0.14				
68		0.69				
69		0.48				
70		0.14				
71		0.07				
72		0.10				
73		0.14				
74		0.45				
75		0.10				
76		0.07				
77		0.03				
78		0.03				

GOLDEN BEAR OPERATING COMPANY

MINE ASSAY REPORT (Drill SAMPLES)

Exploration

DATE: August 20/94

ASSAYER: M. Hepp

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
15980	D.H. #004	0.38				
81		0.21				
82		0.17				
83		0.38				
84		0.10				
85		0.07				
86		0.14				
87		0.21				
88		0.14				
89		0.14				
90		0.24				
91		0.40				
92		TR				
93		0.07				
94		TR				
95		TR				
96		0.17				
97		0.21				
98		0.10				
99		0.07				
16000		0.24				

GOLDEN BEAR OPERATING COMPANY

DATE: August 21/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: A. Hepp

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13806	D.H #004	0.17				
07		0.22				
08		0.14				
09		0.21				
10		0.10				
11		0.14				
12		0.14				
13		1.10				
14		0.65				
15		0.03				
16		0.07				
17		TR				
18		0.03				
19		0.10				
20		0.14				
21		0.00				
22		TR				
23		0.10				
24		0.17				

GOLDEN BEAR OPERATING COMPANY

DATE: August 22/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: A. Ung

Exploration

	TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
	13825	D.H. #004	0.24				
	26		0.10				
	27		TR				
	28		0.14				
	29		0.07				
	30		TR				
	31		0.03				
	32		TR				
	33		0.07				
	34	↓	TR				
	35	D.H. #005	0.03				
	36		0.55				
	37		0.17				
	38		0.17				
	39		0.03				
	40		0.07				
	41		0.10				
	42		0.27				
	43		0.22				
	44		0.03				
	45		0.31				
	46		0.03				
	47		0.31				
	48	↓	0.31				

GOLDEN BEAR OPERATING COMPANY

DATE: August 22/90

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Hop

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13849	D.H. #005	0.07				
50		0.10				
51		0.27				
52		0.10				
53		0.03				
54		0.14				
55		0.14				
56		0.10				
57		0.03				
58		0.07				
59		0.24				
60		0.41				
61		0.09				
62		0.27				
63		0.27				
64		0.38				
65		0.17				
66		0.16				
67		0.51				
68		0.09				
69		0.14				
70		0.07				
71		0.03				

GOLDEN BEAR OPERATING COMPANY

DATE: August 23/94

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: H. Hepp

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13822	D.H. #005	0.21				
23		0.03				
24		0.14				
25		0.07				
26		TR				
27		0.03				
28		0.03				
29		0.14				
80		0.07				
81		0.10				
82		0.14				
83		TR				
84		0.10				
85		TR				
86		0.07				
87		0.14				
88		0.10				
89		0.31				
90		0.48				
91		0.27				

GOLDEN BEAR OPERATING COMPANY

DATE: August 23/91

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: A. Hegan

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13892	D.H. #005	0.07				
93		0.16				
94		TR				
95		0.03				
96		TR				
97		0.65				
98		0.24				
99		1.41				
13900		0.07				
01		2.67				
02		3.29				
03		0.55				
04		0.75				
05		0.14				
06		0.07				
07		0.07				
08		0.07				
09		0.16				
10		0.03				
11		0.14				
12		TR				
13		0.14				
14		TR				
15		0.03				

GOLDEN BEAR OPERATING COMPANY

DATE: August 23/94

MINE ASSAY REPORT (Drill SAMPLES)
Exploration

ASSAYER: H. Hogan

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13916	D.H. #005	TR				
17		TR				
18		TR				
19		TR				
20		0.03				
21		0.07				
22		0.07				
23		TR				
24		0.07				
25		TR				
26		TR				
27		TR				
28		0.07				
29		TR				
30		0.07				
31		TR				
32		0.07				
33		TR				
34		0.03				
35		0.21				
36		TR				
37		TR				
38		0.03				
39		0.03				

GOLDEN BEAR OPERATING COMPANY

DATE: August 23/90

MINE ASSAY REPORT (Drill SAMPLES)

ASSAYER: A. Hogan

Exploration

TAG NUMBER	SAMPLE DESCRIPTION	Au g/t	Ag g/t	C %	S %	S= %
13940	D.H. # 005	TR				
41	↓	TR				
42		TR				
43		0.07				

APPENDIX V

(Statements of Costs)

STATEMENT OF COSTS

For work performed June 28 - Aug 18, 1994 (Survey Control, Geochemical, Geological and Geophysical Surveys).

WAGES		
A. HAMILTON	43.5 field days @ $270.00	11,745.00
R. SMALLWOOD	14 field days @ $283.50	3,969.00
L. PIGAGE	3 field days @ $337.50	1,012.50
B. PETRUK	4 field days @ $236.25	945.00
P. HENRY	16 field days @ $270.00	4,320.00
C. TASHOOTS	11 field days @ $202.50	2,227.50
B. LOUIE	7 field days @ $202.50	1,417.50
L. LEVESQUE	8 field days @ $202.50	1,620.00
A. HAMILTON	21 office days @ $270.00	5,670.00
SUPERVISION		6,450.00
ROOM AND BOARD - 199.5 days @ $30.00/day		5,985.00
AIR SUPPORT- Hughes 500d helicopter		
106.7 hours @ $700.00/hr inc. fuel		74,676.00
GEOCHEMICAL ANALYSES		
Chemex 32 element ICP + AU by AA + HG cold vapour		
361 analyses @ $14.72 each		5,313.00
Golden Bear Assay Lab - 189 fire assays @ $7.00 each		1,323.00
GEOPHYSICS - 6.2 line km. VLF-EM and Magnetometer survey		4,348.00
EQUIPMENT RENTAL		
-radios, survey instrument, fuel tank		3,039.58
FIELD MATERIALS (consumable - pickets, flagging, bags, etc.)		3,419.28
MAPS/PHOTOS/PUBLICATIONS		712.81
DRAFTING		720.00
TRAVEL - North American Metals crew rotation		600.00
CONTRACT - geophysical interpretation		200.00
TOTAL		**$139,711.67**

STATEMENT OF COSTS

For Diamond Drilling work performed August 3 to August 23, 1994 by Falcon Drilling Ltd.
P.O. Box 2520, Prince George, B.C. V2V 2F6

Diamond Drilling	
3055 feet (931.14m) of NQ diameter core	$126,482.35
Equipment Rental	
Sperry Sun survey instrument - 1 month	1,949.00
Freight - Drilling supplies and equipment	1,318.00
Geochemical Analyses	
Golden Bear Assay Lab - 543 fire assays @ $7.00	3,801.00
TOTAL	**$133,550.35**

APPENDIX VI

(Statement of Qualifications)

STATEMENT OF QUALIFICATIONS

I, Andrew P. Hamilton with a residence address of 201-2166 West 8th Avenue, Vancouver, B.C., V6K 2A4, do hereby certify that:

1. I am a graduate of the University of British Columbia, Vancouver, British Columbia with a Bachelor of Science Degree in Geological Sciences (1991).

2. I have practised my profession as a Geologist in British Columbia and the Northwest Territories since 1991.

3. I am registered as a Geoscientist-in-Training with the Association of Professional Engineers and Geoscientists of British Columbia.

4. I am presently employed as a Geologist by North American Metals Corp. of 1500-700 West Pender Street, Vancouver, B.C.

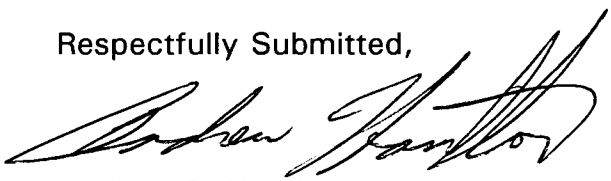
5. The work described in this report is based on fieldwork conducted during June, July and August 1994 in which I supervised.

6. I have no direct or indirect financial interest in any company known by me to have an interest in the mineral properties described in this report, nor do I expect to receive any such interest.

7. I am the author of this report.

Dated at Vancouver, B.C. this 27TH day of OCTOBER, 1994.

Respectfully Submitted,



Andrew P. Hamilton

STATEMENT OF QUALIFICATIONS

I, Dunham L. Craig, P. Geo., with a residence address of 703 - 409 Lonsdale Avenue, North Vancouver, B.C. V7M 2G5, do hereby certify that:

* I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geological Sciences (1988).

* I am a member of the Association of Professional Engineers and Geoscientists of British Columbia as a registered Professional Geoscientist.

* I have practised my profession as a Geologist in British Columbia and the Yukon Territory since 1988.

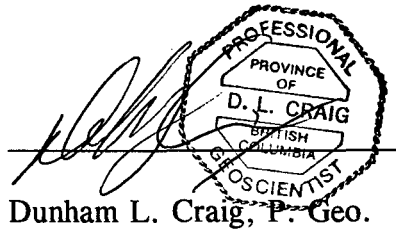
* I am presently employed by North American Metals Corp. of 1500 - 700 West Pender Street, Vancouver, British Columbia, V6C 1G8 as Exploration Manager.

* The work described in this report is based on field work conducted during June, July and August, 1994 in which I supervised.

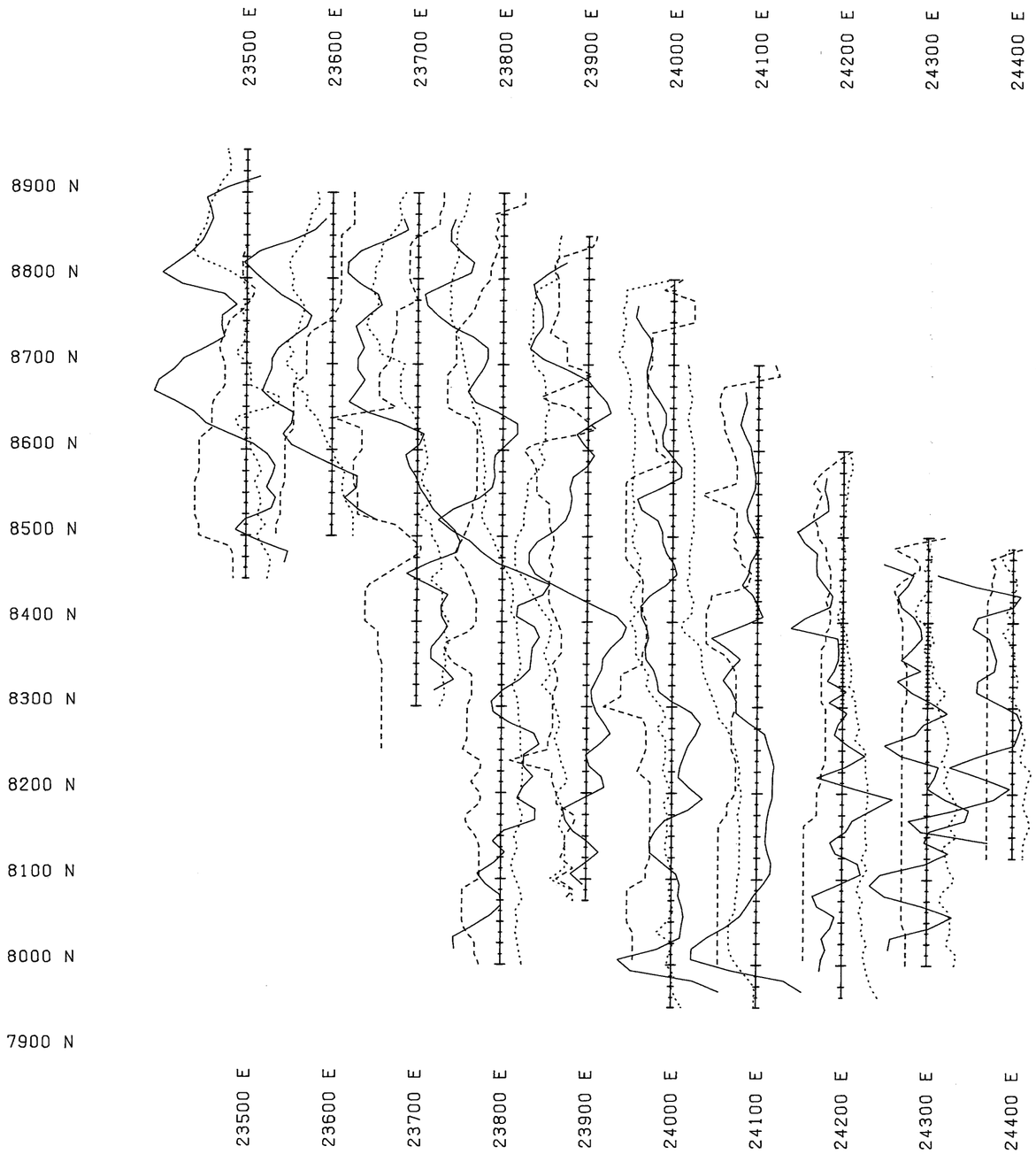
* I have reviewed this report and state that the contents are a factual representation of the work performed during the period covered by this report.

Dated at Vancouver, British Columbia this 27th day of OCTOBER, 1994

Respectfully Submitted,



Dunham L. Craig, P. Geo.
Exploration Manager
North American Metals Corp.



N

LEGEND

PROFILES POSITIVE LEFT AND UP
SURVEYING PERFORMED FACING NORTH
DIP ANGLE - SOLID LINE
VERTICAL SCALE: 10%/CM 0% BASE VALUE
VLF FIELD STRENGTH - DOTTED LINE
VERTICAL SCALE: 2%/CM 6% BASE VALUE
TOPOGRAPHY SLOPE - DASHED LINE
VERTICAL SCALE: 50%/CM 0% BASE VALUE

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 24.0 kHz, CUTLER - NAA

GEOLOGICAL BRANCH ASSESSMENT REPORT

23,597 PART 1 OF 2

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

VLF-EM SURVEY PROFILES

FRASER FILTERED DIP, TOTAL FIELD, TOPOGRAPHY

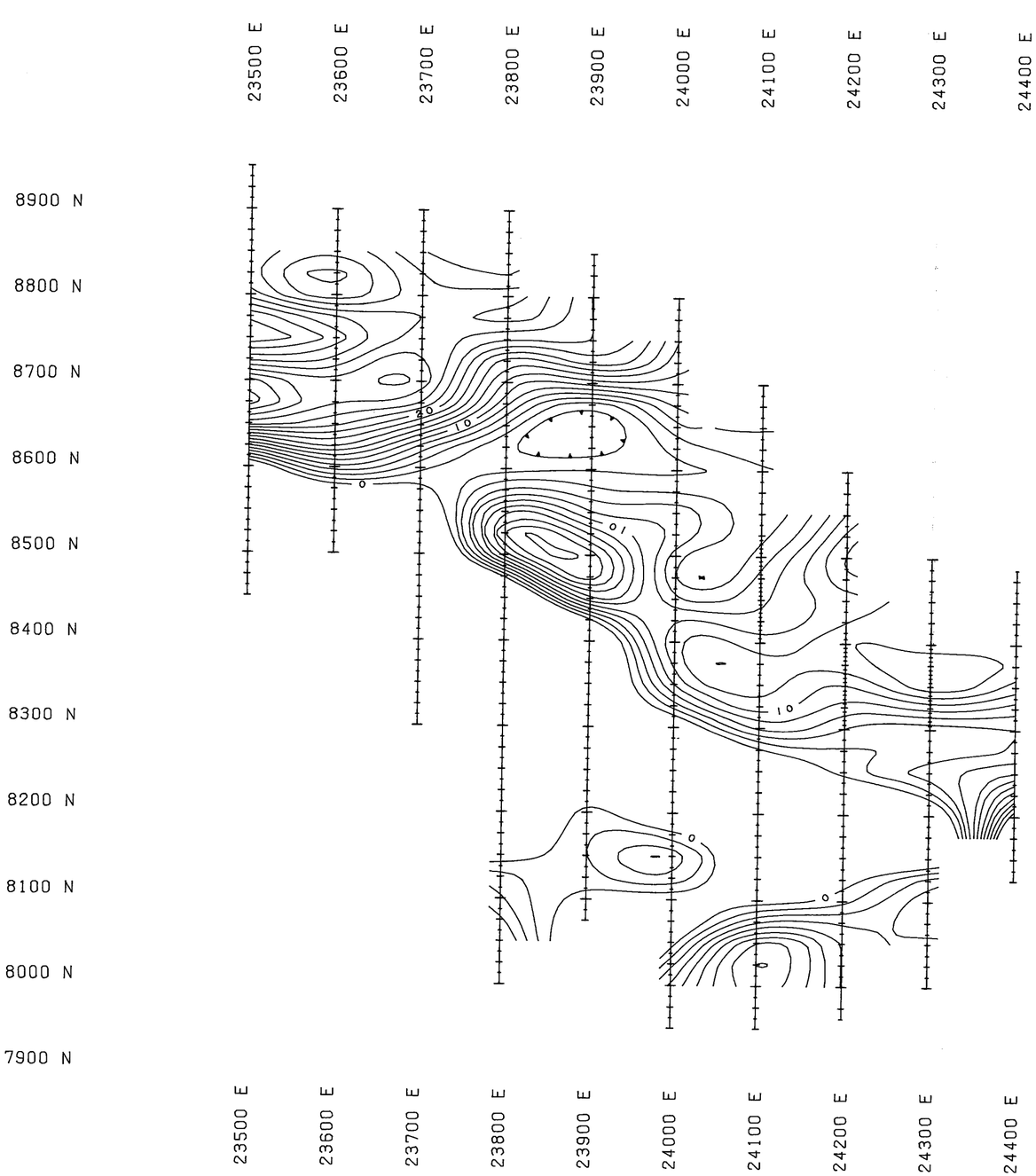
ATLIN, MINING DIVISION N.T.S. 104K 1

SCALE IN METRES

100 0 100 200 300

JULY 1994 PLATE G2B

SJ GEOPHYSICS LTD.



SJ GEOPHYSICS LTD.

8900 N
8800 N
8700 N
8600 N
8500 N
8400 N
8300 N
8200 N
8100 N
8000 N
7900 N

LEGEND

NEGATIVE CONTOURS SUPPRESSED
CONTOUR INTERVAL: 2%
POSTED INTERVAL: 10%

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 24.0 kHz, CUTLER - NAA

GEOLOGICAL BRANCH ASSESSMENT REPORT

23,597 PART 1 OF 2

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

VLF-EM SURVEY CONTOURS
FRASER FILTERED DIP ANGLE

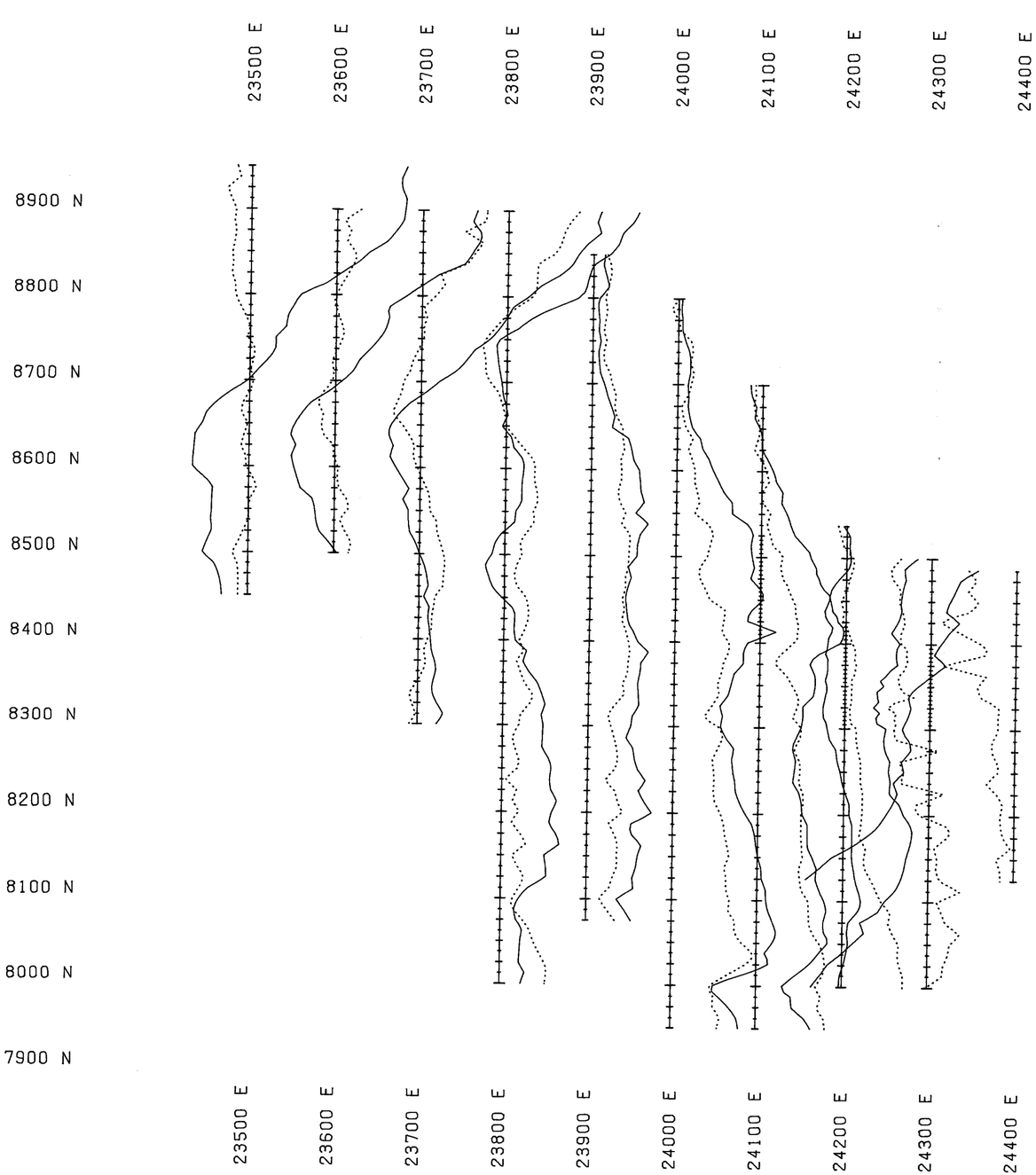
ATLIN, MINING DIVISION N.T.S. 104K 1

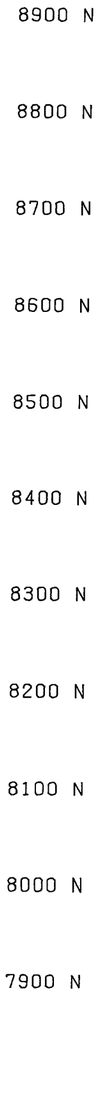
SCALE IN METRES

100 0 100 200 300

JULY 1994

PLATE G2C





LEGEND

PROFILES POSITIVE LEFT AND UP
SURVEYING PERFORMED FACING NORTH
DIP ANGLE - SOLID LINE
QUADRATURE - DOTTED LINE
VERTICAL SCALE: 10%/CM
BASE VALUE: 0 %

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 23.4 kHz, HAWAII - NPM

GEOLOGICAL BRANCH ASSESSMENT REPORT

23,597 PART 1 OF 2

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

VLF-EM SURVEY PROFILES
DIP ANGLE & QUADRATURE

ATLIN, MINING DIVISION N.T.S. 104K 1

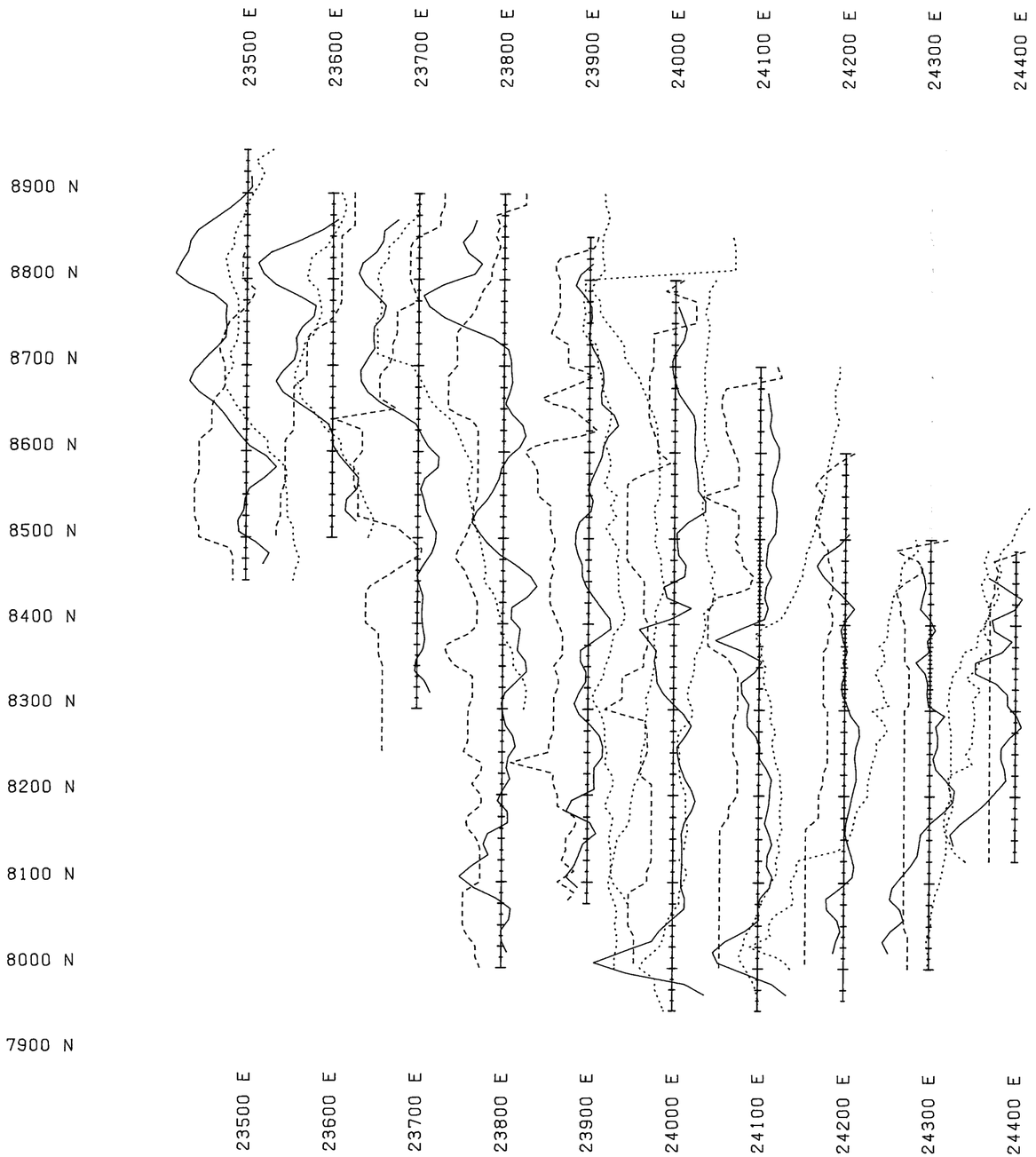
SCALE IN METRES

100 0 100 200 300

SJ GEOPHYSICS LTD.

JULY 1994

PLATE G3A



8900 N
8800 N
8700 N
8600 N
8500 N
8400 N
8300 N
8200 N
8100 N
8000 N
7900 N

LEGEND

PROFILES POSITIVE LEFT AND UP
SURVEYING PERFORMED FACING NORTH
DIP ANGLE - SOLID LINE
VERTICAL SCALE: 10%/CM 0% BASE VALUE
VLF FIELD STRENGTH - DOTTED LINE
VERTICAL SCALE: 2%/CM 15% BASE VALUE
TOPOGRAPHY SLOPE - DASHED LINE
VERTICAL SCALE: 50%/CM 0% BASE VALUE

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 23.4 kHz, HAWAII - NPM

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

VLF-EM SURVEY PROFILES

FRASER FILTERED DIP, TOTAL FIELD, TOPOGRAPHY

ATLIN, MINING DIVISION N.T.S. 104K 1

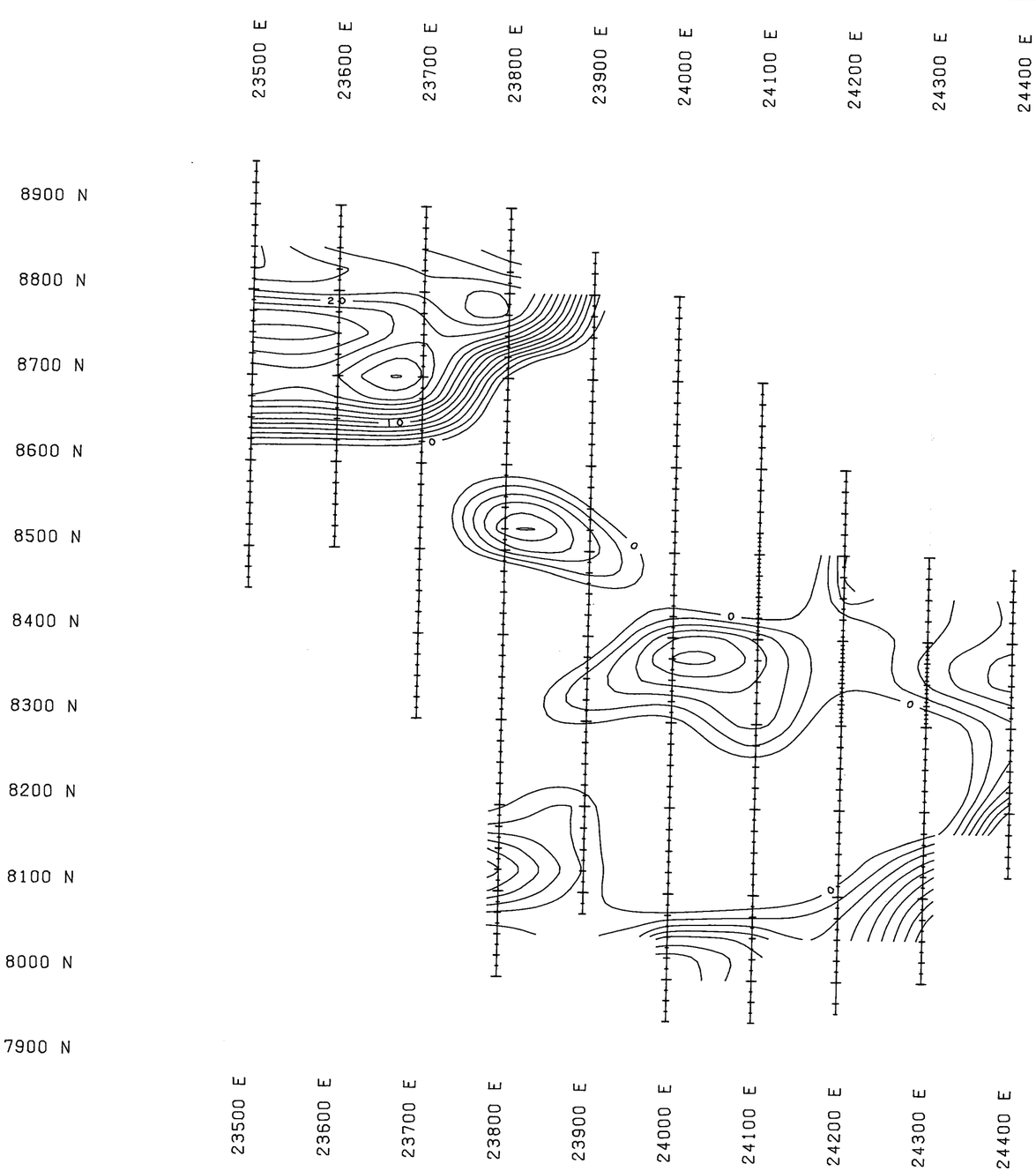
SCALE IN METRES

100 0 100 200 300

JULY 1994

PLATE G3B

SJ GEOPHYSICS LTD.



SJ GEOPHYSICS LTD.

8900 N
8800 N
8700 N
8600 N
8500 N
8400 N
8300 N
8200 N
8100 N
8000 N
7900 N

N

LEGEND

NEGATIVE CONTOURS SUPPRESSED
CONTOUR INTERVAL: 2%
POSTED INTERVAL: 10%

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 23.4 kHz, HAWAII - NPM

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

VLF-EM SURVEY CONTOURS
FRASER FILTERED DIP ANGLE

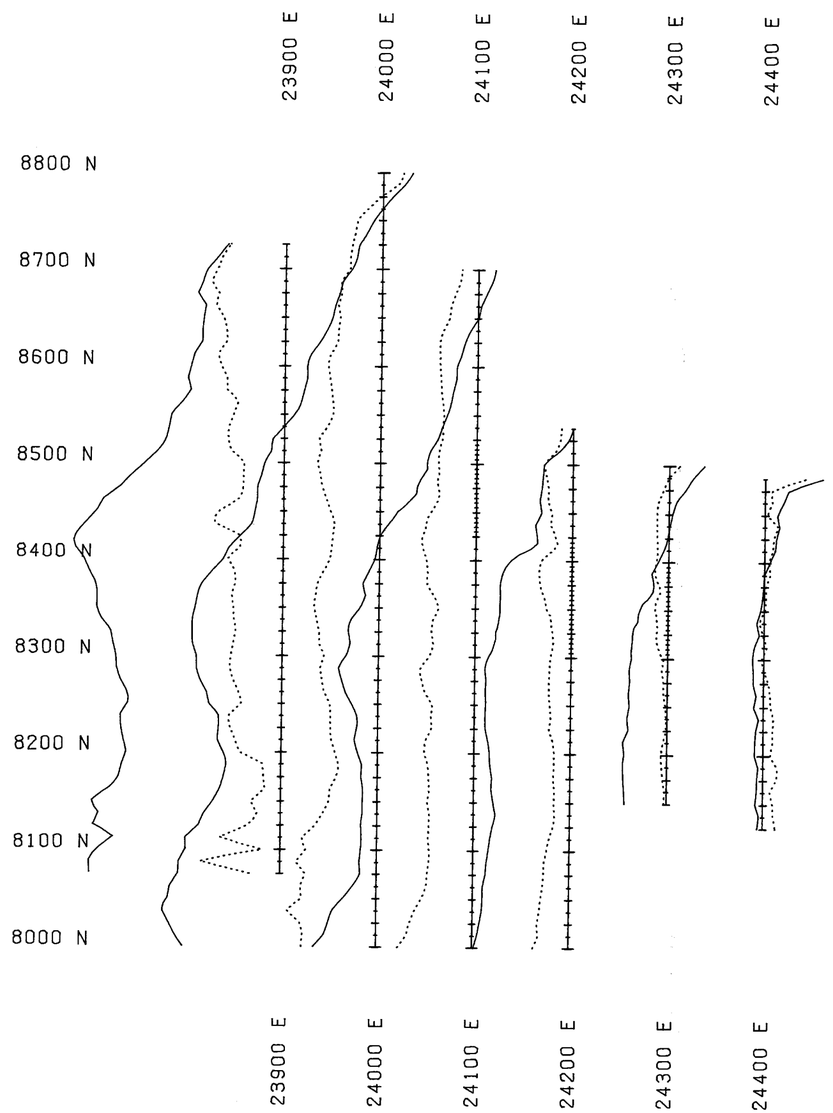
ATLIN, MINING DIVISION N.T.S. 104K 1

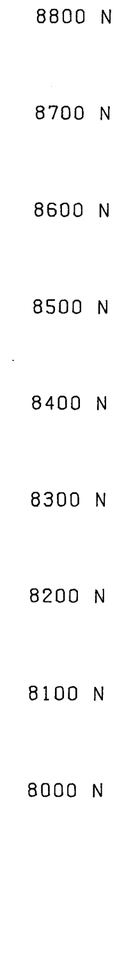
SCALE IN METRES

100 0 100 200 300

JULY 1994

PLATE G3C





LEGEND

PROFILES POSITIVE LEFT AND UP
SURVEYING PERFORMED FACING NORTH
DIP ANGLE - SOLID LINE
QUADRATURE - DOTTED LINE
VERTICAL SCALE: 15%/CM
BASE VALUE: 0 %

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 24.8 kHz, SEATTLE - NLK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,597 PART 1 OF 2

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

VLF-EM SURVEY PROFILES

DIP ANGLE & QUADRATURE

ATLIN, MINING DIVISION N.T.S. 104K 1

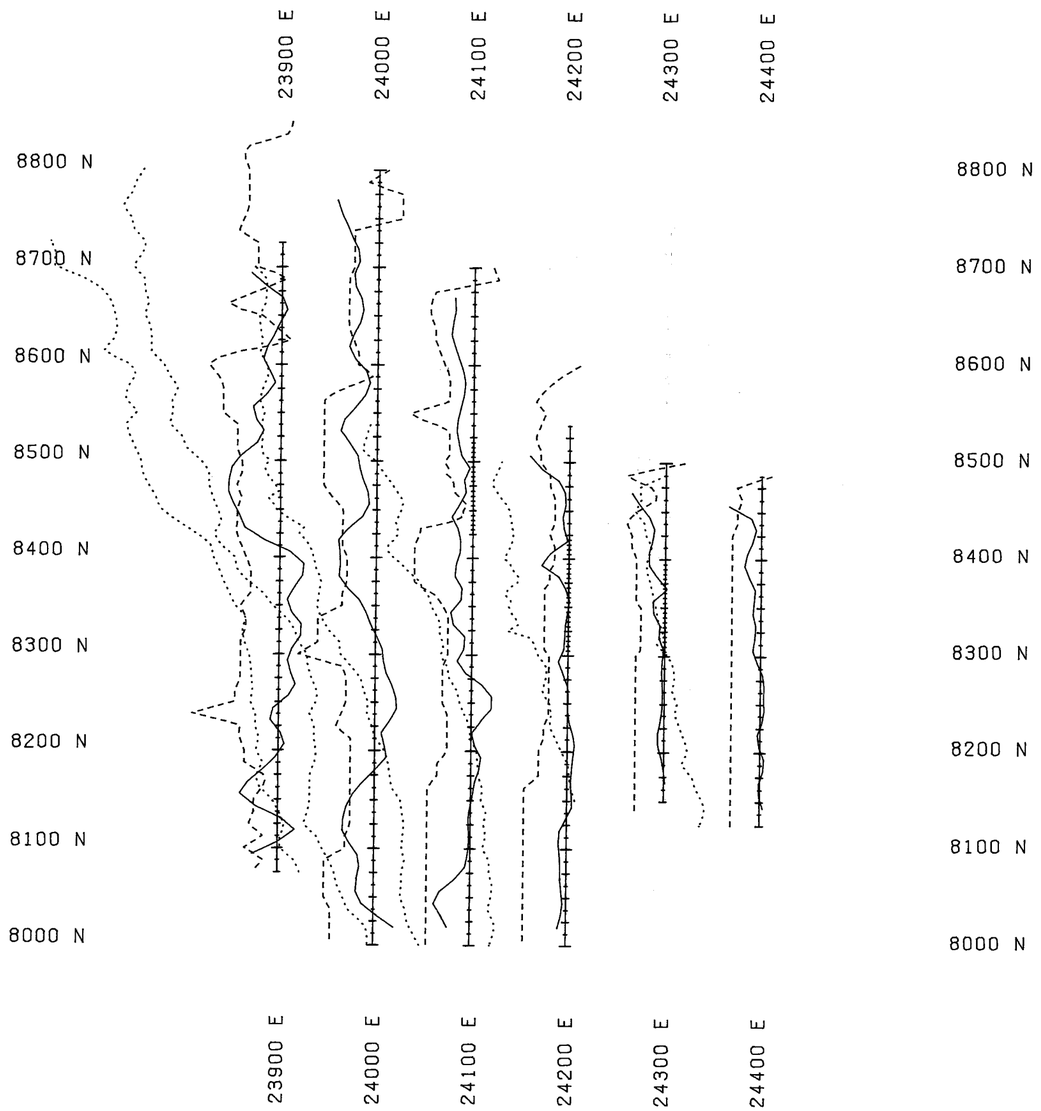
SCALE IN METRES

100 0 100 200 300

SJ GEOPHYSICS LTD.

JULY 1994

PLATE G4A



LEGEND

PROFILES POSITIVE LEFT AND UP
SURVEYING PERFORMED FACING NORTH
DIP ANGLE - SOLID LINE
VERTICAL SCALE: 15%/CM 0% BASE VALUE
VLF FIELD STRENGTH - DOTTED LINE
VERTICAL SCALE: 5%/CM 25% BASE VALUE
TOPOGRAPHY SLOPE - DASHED LINE
VERTICAL SCALE: 50%/CM 0% BASE VALUE

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 24.8 kHz, SEATTLE - NLK

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

VLF-EM SURVEY PROFILES

FRASER FILTERED DIP, TOTAL FIELD, TOPOGRAPHY

ATLIN, MINING DIVISION N.T.S. 104K 1

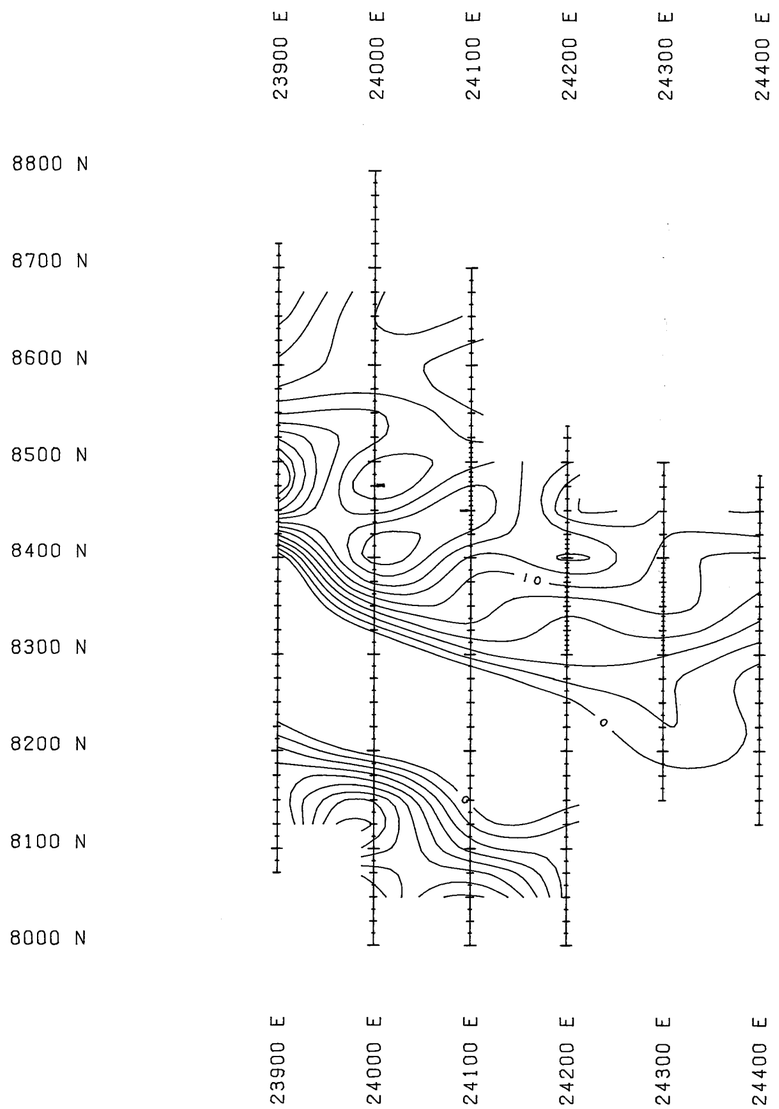
SCALE IN METRES

100 0 100 200 300

SJ GEOPHYSICS LTD.

JULY 1994

PLATE G4B



LEGEND

NEGATIVE CONTOURS SUPPRESSED
CONTOUR INTERVAL: 2%
POSTED INTERVAL: 10%

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 24.8 kHz, SEATTLE - NLK

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

VLF-EM SURVEY CONTOURS

FRASER FILTERED DIP ANGLE

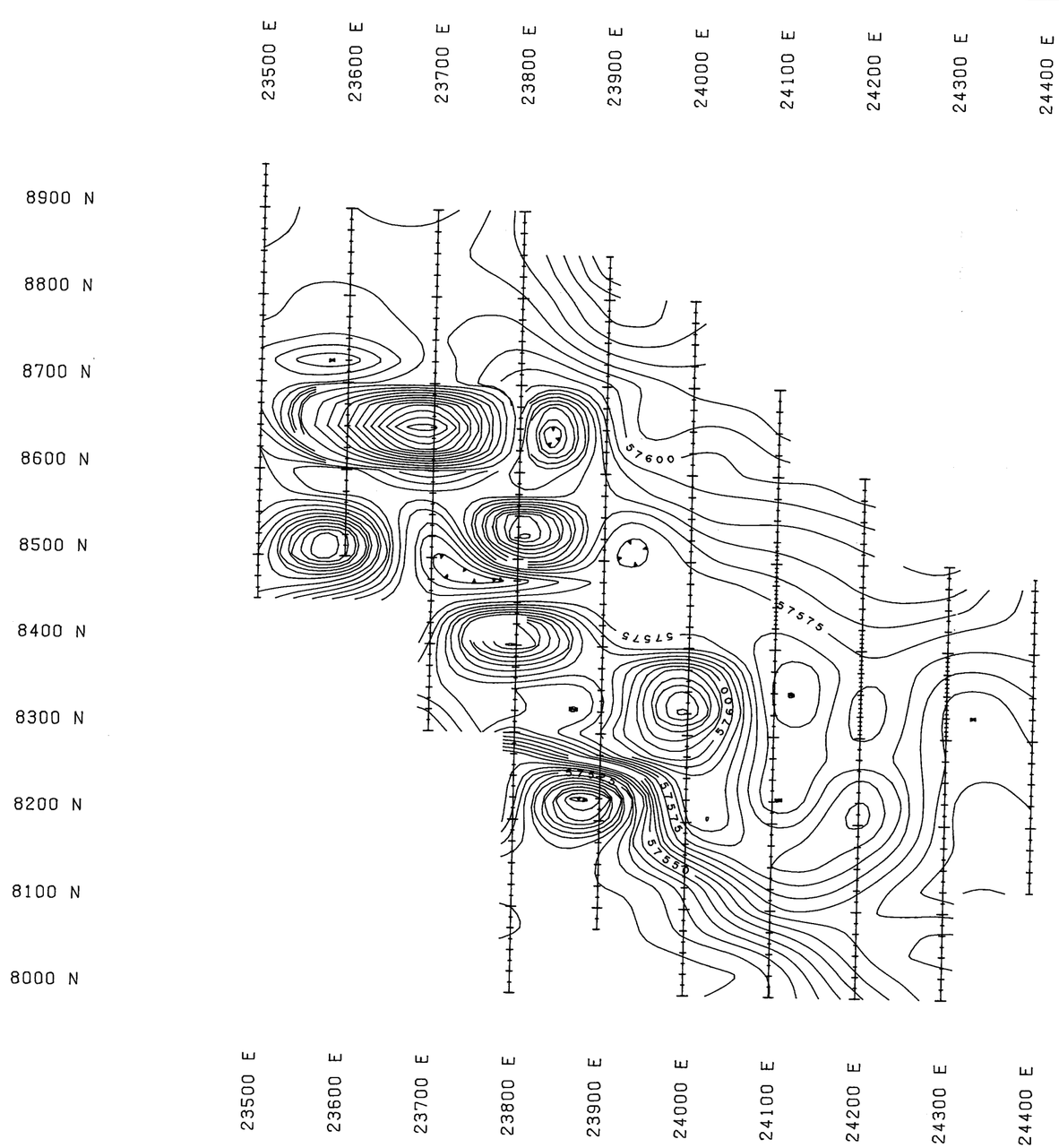
ATLIN, MINING DIVISION N.T.S. 104K 1

SCALE IN METRES

100 0 100 200 300

JULY 1994 PLATE G4C

SJ GEOPHYSICS LTD.



LEGEND

CONTOUR INTERVAL: 5 nT
POSTED INTERVAL: 25 nT
MINIMUM VALUE: 57,449 nT
MAXIMUM VALUE: 58,357 nT
EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT

NORTH AMERICAN METALS CORP.
GOLDEN BEAR MINE
BANDIT GRID

MAGNETOMETER SURVEY
TOTAL FIELD CONTOURS

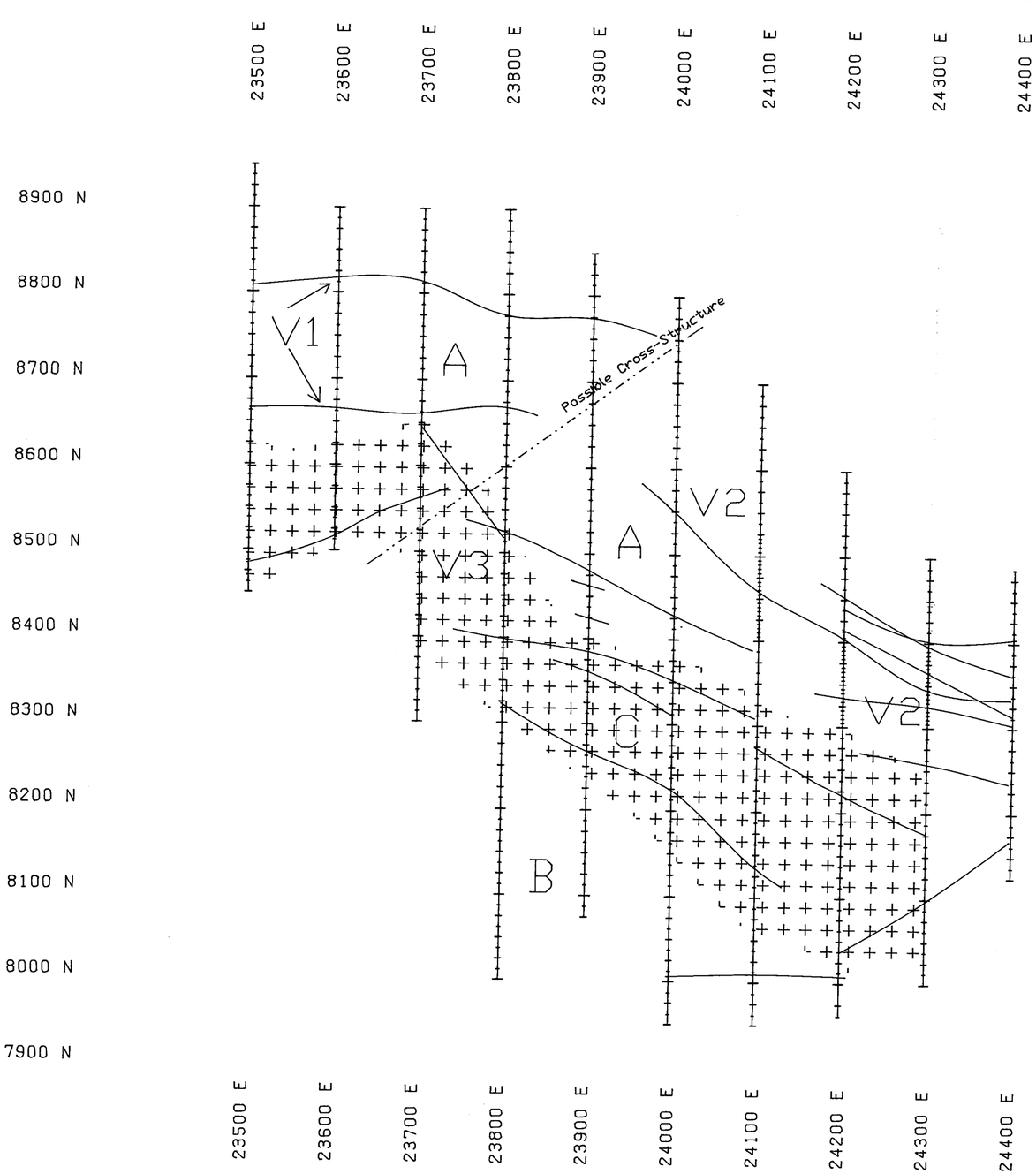
ATLIN, MINING DIVISION N.T.S. 104K 1

SCALE IN METRES

100 0 100 200 300

JULY 1994

PLATE G1B



8900 N
8800 N
8700 N
8600 N
8500 N
8400 N
8300 N
8200 N
8100 N
8000 N
7900 N

LEGEND

MAGNETIC FEATURE
- STRONG ANOMALY
- WEAK ANOMALY

VLF-EM ANOMALY AXIS
- STRONG ANOMALY
- WEAK ANOMALY

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 24.0 kHz, CUTLER - NAA
23.4 kHz, HAWAII - NPM
24.8 kHz, SEATTLE - NLK

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

MAGNETOMETER & VLF-EM SURVEY
COMPILATION MAP

ATLIN, MINING DIVISION N.T.S. 104K 1

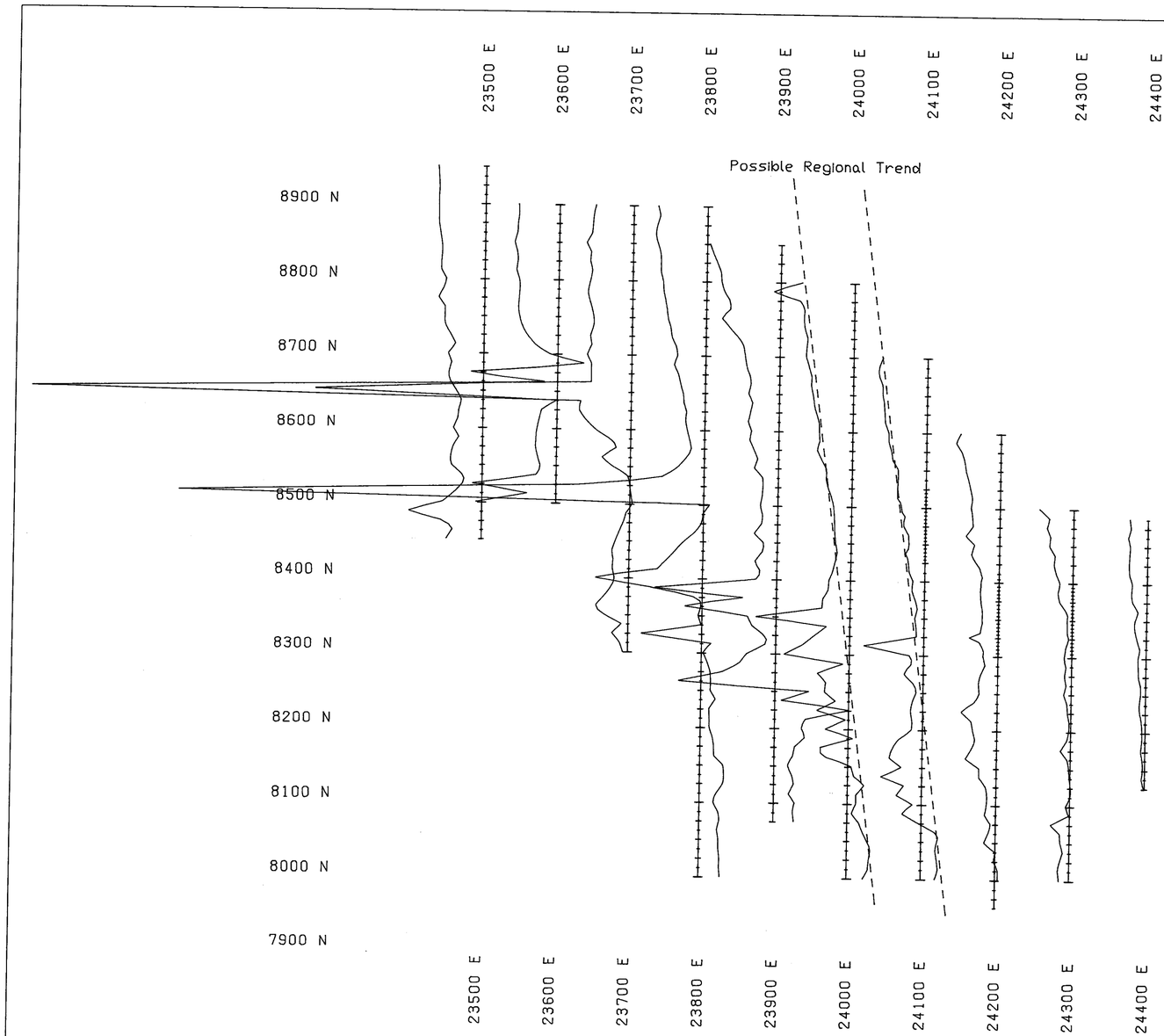
SCALE IN METRES

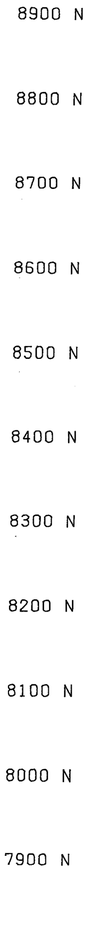
100 0 100 200 300

SJ GEOPHYSICS LTD.

JULY 1994

PLATE G5A





LEGEND

PROFILES POSITIVE LEFT AND UP
MAGNETIC PROFILE SCALE:

BASE VALUE — 57,600 nT
BASE VALUE — 57,550 nT
BASE VALUE — 57,500 nT

MINIMUM VALUE: 57,449 nT
MAXIMUM VALUE: 58,357 nT
EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT

NORTH AMERICAN METALS CORP.
GOLDEN BEAR MINE
BANDIT GRID

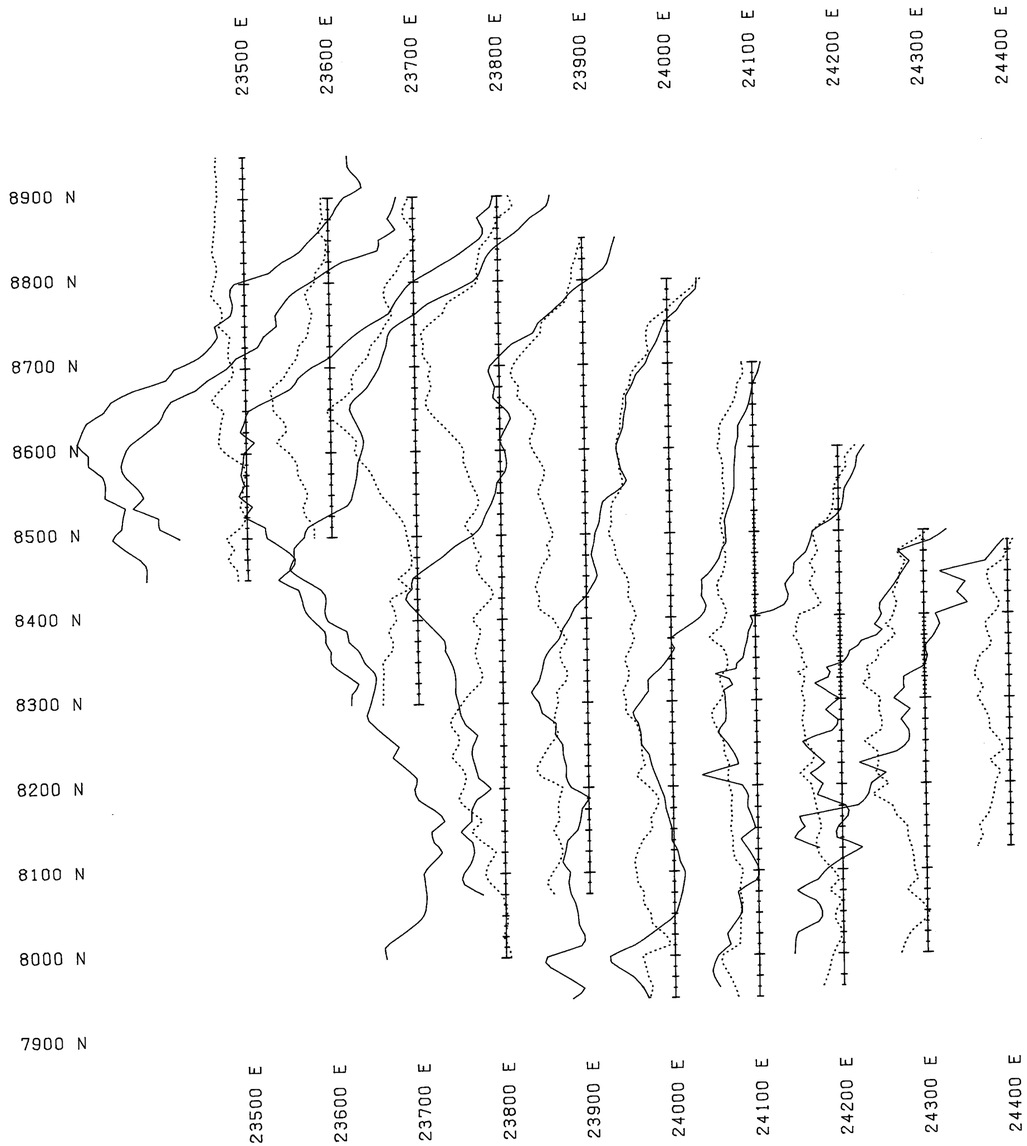
MAGNETOMETER SURVEY
TOTAL FIELD PROFILES

ATLIN, MINING DIVISION N.T.S. 104K 1

SCALE IN METRES
100 0 100 200 300

JULY 1994

PLATE G1A



SJ GEOPHYSICS LTD.

8900 N
8800 N
8700 N
8600 N
8500 N
8400 N
8300 N
8200 N
8100 N
8000 N
7900 N

N

LEGEND

PROFILES POSITIVE LEFT AND UP
SURVEYING PERFORMED FACING NORTH
DIP ANGLE - SOLID LINE
QUADRATURE - DOTTED LINE
VERTICAL SCALE: 10%/CM
BASE VALUE: 0 %

EQUIPMENT:
EDA OMNI PLUS COMBINED PROTON PRECESSION MAGNETOMETER AND VLF-EM SYSTEM - FIELD UNIT
EDA OMNI IV PROTON PRECESSION MAGNETOMETER AS A BASE STATION UNIT
VLF-EM TRANSMITTER: 24.0 kHz, CUTLER - NAA

NORTH AMERICAN METALS CORP.

GOLDEN BEAR MINE

BANDIT GRID

VLF-EM SURVEY PROFILES
DIP ANGLE & QUADRATURE

ATLIN, MINING DIVISION N.T.S. 104K 1

SCALE IN METRES

100 0 100 200 300

JULY 1994

PLATE G2A