ARIS SUMMARY SHEET

District Geologist, Prince George Off Confidential: 89.02.19

ASSESSMENT REPORT 16961 MINING DIVISION: Cariboo

PROPERTY: Forks
LOCATION: LAT 52 22 54 LONG 120 43 18
UTM 10 5805714 655070
NTS 093A07E 093A07W
CLAIM(S): Forks 1-4,AR 1-2,Tep 1-3
OPERATOR(S): Armada Gold and Min.
AUTHOR(S): Howard, D.A.
REPORT YEAR: 1988, 63 Pages
COMMODITIES
SEARCHED FOR: Gold
GEOLOGICAL
SUMMARY: The property is underlain by a complex suite of black phyllites, tuffs and sediments that have been assigned Middle-Late Triassic age. Structurally, the property covers a segment of the northeast limb of the Eureka Syncline. Gold mineralization (fine gold) is associated with stratabound quartz beds or veins that occur in a distinctive porphyroblastic unit within the black phyllite package.
WORK
DONE: Geological,Geochemical
GEOL 4275.0 ha
Map(s) - 1; Scale(s) - 1:10 000
LINE 33.7 km
ROCK 2 sample(s) ;AU
SILT 33 sample(s) ;ME
SOIL 935 sample(s) ;ME
Map(s) - 1; Scale(s) - 1:5000
MINFILE: 093A

2/89

D.D.H. GEOMANAGEMENT LTD.

LOG NO: 0223	RD.
ACTION:	
FILE NO:	

GEOLOGICAL AND GEOCHEMICAL REPORT ON THE FORKS 1 - 4, AR 1 - 2, TEP 1 - 3 CLAIMS

Cariboo Mining Division
MacKay River Area, British Columbia
52° 23' North / 120° 44' West
NTS 93A/7

BY

D.A. HOWARD, M.Sc., P.Eng.

February 10, 1988

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SUMMARY

The Forks 1-4, AR 1-2 and TEP 1-3 mineral claims, held under option by Armada Gold and Minerals Ltd., are located approximately 110 kilometres east of Williams Lake in central British Columbia. The centre of the claim group is situated at the confluence of the North Fork of the Horsefly River and the MacKay River. Coordinates are 52° 23' North, 120° 44' West, N.T.S. 93A/7.

The 171 unit claim block is underlain by a complex suite of black phyllites, tuffs and sediments that have been assigned to the Middle to Late Triassic Quesnel River Group. A distinctive porphyroblastic black phyllite unit, shown to contain a gold bearing horizon, has been mapped across the property. This same porphyroblastic unit is the host rock to the defined gold deposit on the adjoining Eureka Resources, Inc. / Southlands Mining Corp. property. A narrow (25 cm) channel sample collected from the north end of the property in what appears to be in the same stratigraphic position as the Eureka / Southlands deposit assayed 0.065 ounces gold per ton.

During the period 29 July to 24 September 1987, the property was geological mapped, 33.745 kilometers of line and baseline were hand-cut and/or flagged on two grids and soil sampled on 25 or 50 metre spacing. A total of 935 soil samples and 33 silt samples were collected and analyzed by Acme Analytical Laboratories Ltd. of Vancouver, B.C. (30 element I.C.P. plus A.A. gold).

The geochemical survey (Grid 1) defined three discontinuous anomalous zones that warrant trenching and/or diamond drilling to determine their significance.

INTRODUCTION

The firm of D.D.H. Geomanagement Ltd. was commissioned in July, 1987 by Mr. A.F. Loo on behalf of Armada Gold and Minerals Ltd. to map the geology and conduct a soil/silt geochemical survey over the Forks 1-4, AR 1-2 and TEP 1-3 mineral claims. The field work upon which this report is based was conducted during the period 29 July to 24 September, 1987 inclusive by the author, Mr. C.E. Gunn and personnel provided by Durfeld Geological of Williams Lake, B.C.

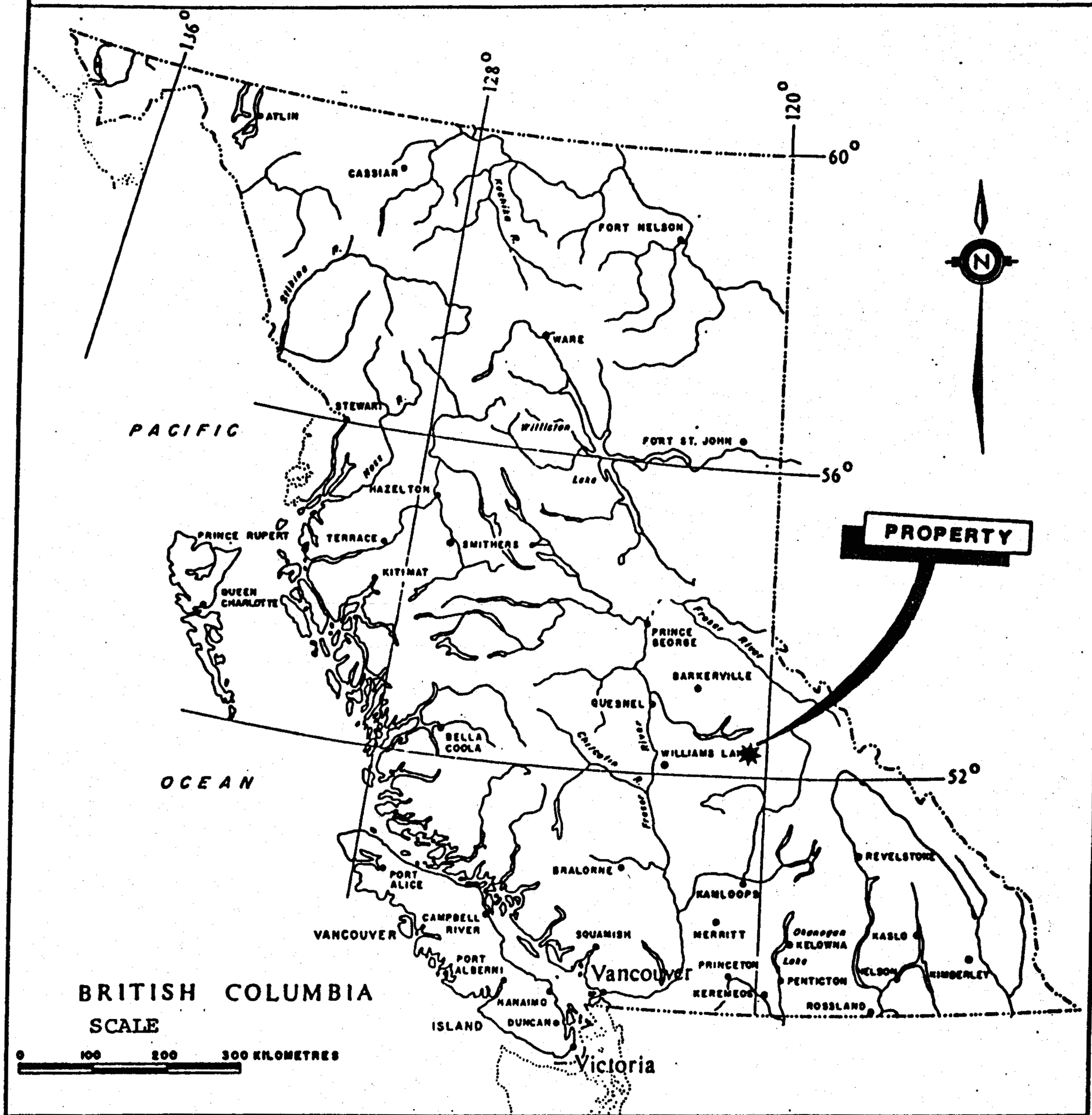
LOCATION AND ACCESS

The Forks 1-4, AR 1-2 and TEP 1-3 mineral claims are centred at the confluence of the MacKay River with the north fork of the Horsefly River approximately 110 kilometres east of Williams Lake in Central British Columbia. Coordinates of the confluence of the two rivers is 52° 23' North Latitude and 120° 44' West Longitude. N.T.S. area is 93A/7 (see Figures 1 and 2).

Access to the property is via paved and gravel road, namely 104 kms from 100 Mile House, B.C. or about 90 kms due east of Williams Lake, B.C. Distance along Highway 97 from Vancouver, B.C. to Williams Lake, B.C. is 334 kms. There is scheduled air service between Vancouver and Williams Lake, B.C. Within the project area, logging roads allow two-wheel drive access to most parts of the claim group.

The claims lie along MacKay Creek (elevation 3,400 ft. at a.s.l. - 1,030 m) through Archie Pass (elevation 3,600 ft. a.s.l. - 1,091 m) to Horsefly Lake (elevation 2,580 ft. a.s.l. - 784 m). Local relief is abrupt with Eureka Peak having an elevation of 8,012 feet (2,428 m).

Most of the property has been logged but those areas not yet logged are covered with fir, spruce balsam and thick underbrush.



A R M A D A   G O L D   A N D   M I N E R A L S   L T D

FORKS 1-4, AR 1-2, TEP 1-3 MINERAL CLAIMS

R E G I O N A L   L O C A T I O N   M A P

FIGURE 1

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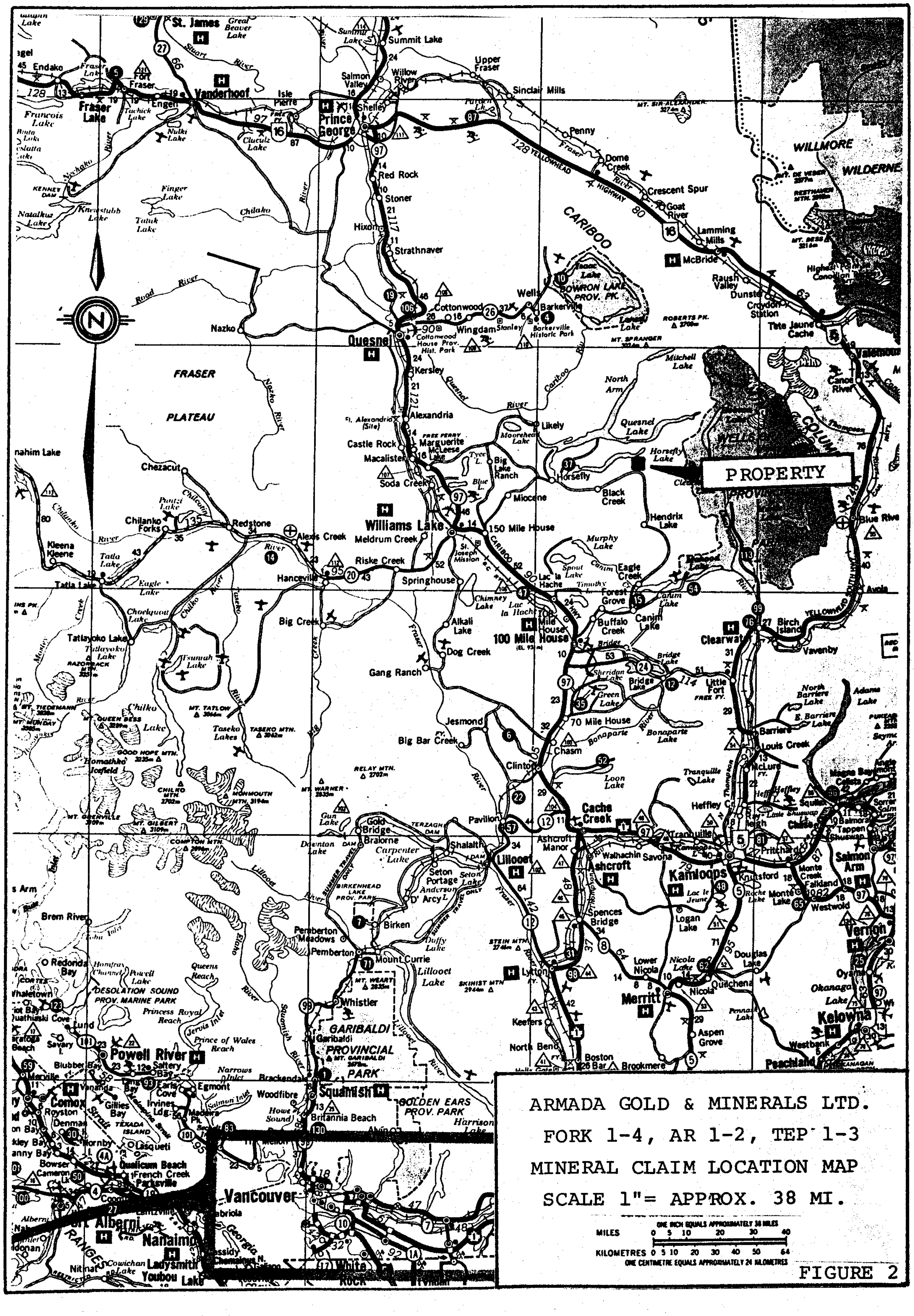


ARMADA GOLD & MINERALS LTD.

FORK 1-4, AR 1-2, TEP 1-3

MINERAL CLAIM LOCATION MAP

SCALE 1"= APPROX. 38 MI.

FIGURE 2

PROPERTY AND TITLE

The Forks 1-4, AR 1-2 and TEP 1-3 mineral claims are held under option agreement between Armada Gold and Minerals Ltd. and Messers. C.E. Gunn, D.A. Howard and A.D. Drummond.

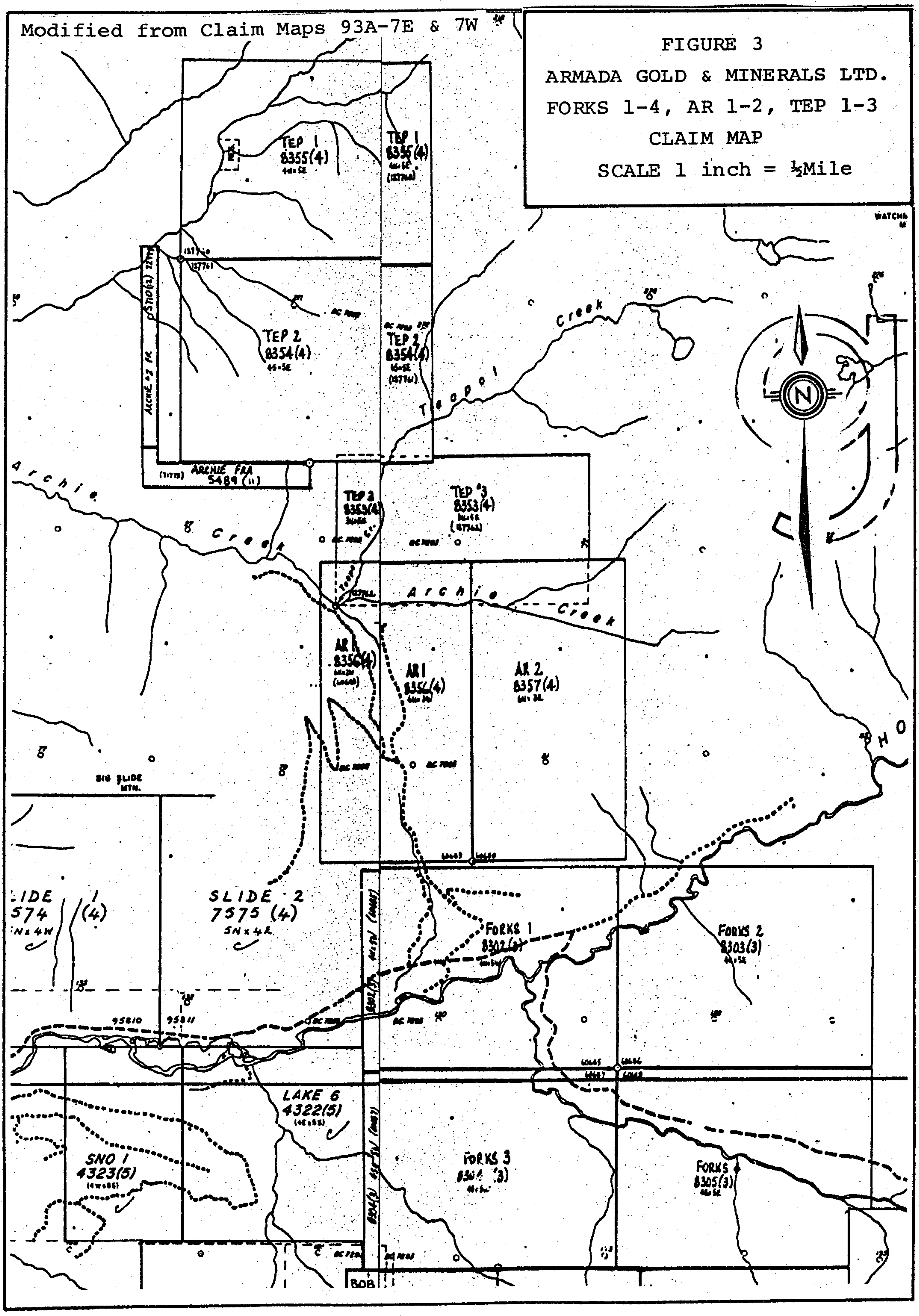
The property is comprised of seven (7) mineral claims containing 171 claim units as follows (see Figure 3).

Claim	No. of Units	Record No.	Date Recorded	Registered* Owner
FORK 1	20	8302	March 19, 1987	D.A. Howard
FORK 2	20	8303	March 19, 1987	D.A. Howard
FORK 3	20	8304	March 19, 1987	D.A. Howard
FORK 4	20	8305	March 19, 1987	D.A. Howard
AR 1	18	8356	April 16, 1987	D.A. Howard
AR 2	18	8357	April 16, 1987	D.A. Howard
TEP 1	20	8355	April 16, 1987	C.E. Gunn
TEP 2	20	8354	April 16, 1987	C.E. Gunn
TEP 3	15	8353	April 16, 1987	C.E. Gunn

* A bill of sale for 50 percent of the property is held in trust in favour of Armada Gold and Minerals Ltd. subject to completion of the terms as set out in the option agreement.

HISTORY

Early work in the MacKay River Valley area dates from 1901 when prospectors panned the creeks for gold. Small operations evaluating the pyrite bearing quartz veins and the gravels on Fraser and Eureka Creek were started in 1902 but discontinued in 1903. Later work in the early 1930's reported placer gold at and below the Forks of the Horsefly River and in the MacKay River - Horsefly River area.



Modified from Claim Maps 93A-7E & 7W
FIGURE 3
ARMADA GOLD & MINERALS LTD.
FORKS 1-4, AR 1-2, TEP 1-3
CLAIM MAP
SCALE 1 inch = ½Mile
TEP 1
8355(4)
TEP 2
8354(4)
TEP 3
8353(4)
ARCHIE FRA
5489 (11)
Teapot Creek
Archie Creek
AR 1
8356(4)
AR 2
8357(4)
BIG SLIDE MTN.
SLIDE 2
7575 (4)
FORKS 1
FORKS 2
8303(3)
FORKS 3
FORKS
8305(3)
LAKE 6
4322(5)
SNO 1
4323(5)
BOB

Exploration for copper mineralization in this vicinity was conducted from the mid-1960's to mid - 1970's by such companies as Amax, Union Miniere, Rio Tinto and Helicon Explorations.

The Alpha and Kay claims were staked by C.E. Gunn in 1978 and 1979 on the north side of upper MacKay River valley and on Frasergold Creek. In the fall of 1979 these claims were optioned to Keron Holdings Ltd. who acquired additional claims, conducted soil and rock chip sampling and geological surveys up to 1982 when the claims were transferred to Eureka Resources, Inc. Amoco Canada Petroleum Co. Ltd. optioned the property from Eureka in 1983. Work by Amoco consisted of 2,874.7 meters of NQ diamond drilling (9 holes), grid preparation, soil sampling, magnetometer and electromagnetic surveys. The results of this work to 1984 indicated potential for 3 types of economic deposit: 1) small high-grade types of deposit over widths of 1.5 meters grading 0.2 to 1.50 oz/t gold; 2) medium sized reserves over widths of 3-10 meters grading 0.07 to 0.20 oz/t gold; and 3) large volumes of reserves over widths of 6 - 20 meters grading 0.02 to 0.07 oz/t gold (Eureka Resources, Inc., Annual Report, 1984). Eureka indicated that 1.6 kilometers of strike length of the anomalous zone had been drill tested; the length of the zone is in excess of 4 kilometers. In April, 1985 Eureka Resources, Inc. negotiated an agreement with Amoco Canada to assume total equity interest in the Frasergold property (GCNL, April 10, 1985). On March 30, 1987 Southlands Mining Corporation of Vancouver entered into a joint venture agreement with Eureka Resources, Inc. to earn a 50% working interest in the property by funding a minimum of $3 million in development of the property. Their news release (Stockwatch, March 30, 1987) noted that:

> "Frasergold is an extensive gold project located 100 km east of Williams Lake in central British Columbia. Totalling 27 claims or approximately 8,000 acres, the property features an extensive favourable gold bearing strata, indicated by geochemistry over a strike length of 12 km, and identified in bedrock by drilling over a strike length of 4 km.
>
> Intensive drilling completed in 1983, 1984 and 1986 over a strike length of 1.5 km has identified the potential of large tonnage open pit reserves of 20 million tons grading 0.06 ounces gold per ton. Also identified is the potential of higher grade underground reserves ranging 1.2 million tons grading 0.40 ounces of gold per ton. Approximately $1.5 million has been spent on the project to date."

The Armada claims adjoin the Eureka/Southland property on the northward on-strike extension of this favourable gold bearing strata. Prior to acquisition by Armada, exploration on this ground was in part conducted by Ripple Resources Ltd. (on Forks 3, 4). The work included soil sampling and one BQ drill hole on the north limb of the Eureka Syncline. The hole was drilled on a low order gold soil anomaly and encountered pyrite, pyrrhotite and chalcopyrite in andesitic tuff (Belik, 1983). In 1982, Dennison Mines Ltd. held the ground presently covered by the area of the L.C.P. of Forks 1, 2, 3 and 4. They completed a geochemical soil survey for copper lead, zinc and silver but not for gold.

On the immediate southeast of Forks 4, the former LL No. 1 claim of Valhalla Minerals Inc. (now Mac 10 of Eureka Resources, Inc.) was the site of a geochemical soil survey which showed spot gold highs adjacent to the project area (Dawson, 1984).

REGIONAL GEOLOGICAL SETTING

Wheeler et. al. (1972) and others have proposed district groupings of tectonic elements for the Canadian Cordillera. These are outlined in Figure 4. The project area lies along the eastern margin of the Quesnel Trough adjacent to the more easterly Omineca Crystalline Belt (Omineca Geanticline).

Geological compilation of the Quesnel Lake 93A Map Sheet was done by Campbell (1978) and summarized in Figure 5. Highly deformed amphibolite facies rocks of the Kaza Group (Unit 1 in Figure 5) lie to the east of the Pennsylvanian and/or Permian rocks of the Slide Mountain Group (Unit 3). These units form part of the Omineca Crystalline Belt in the project area. To the west lies the Quesnel Trough which at its base has an Upper Triassic phyllitic unit (Unit 6) overlain by Upper Triassic greenstone, augite porphyry breccia, tuff breccia with possible dykes and sills (Unit 8). These latter units are considered to be part of the Takla Group. Intrusive activity has been dated from Upper Triassic (Unit 7) to Cretaceous (Unit 10) to Tertiary (Unit 11).

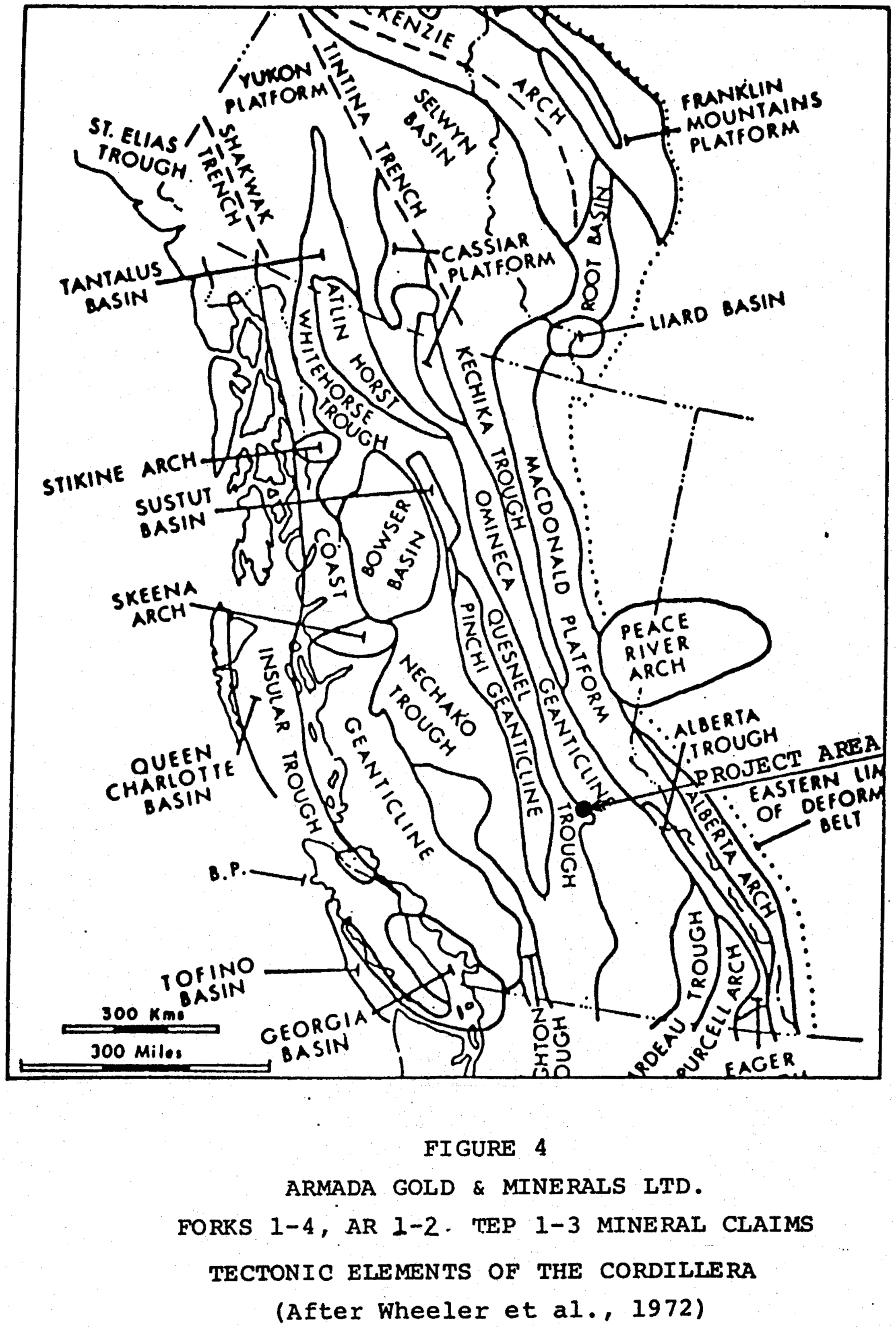


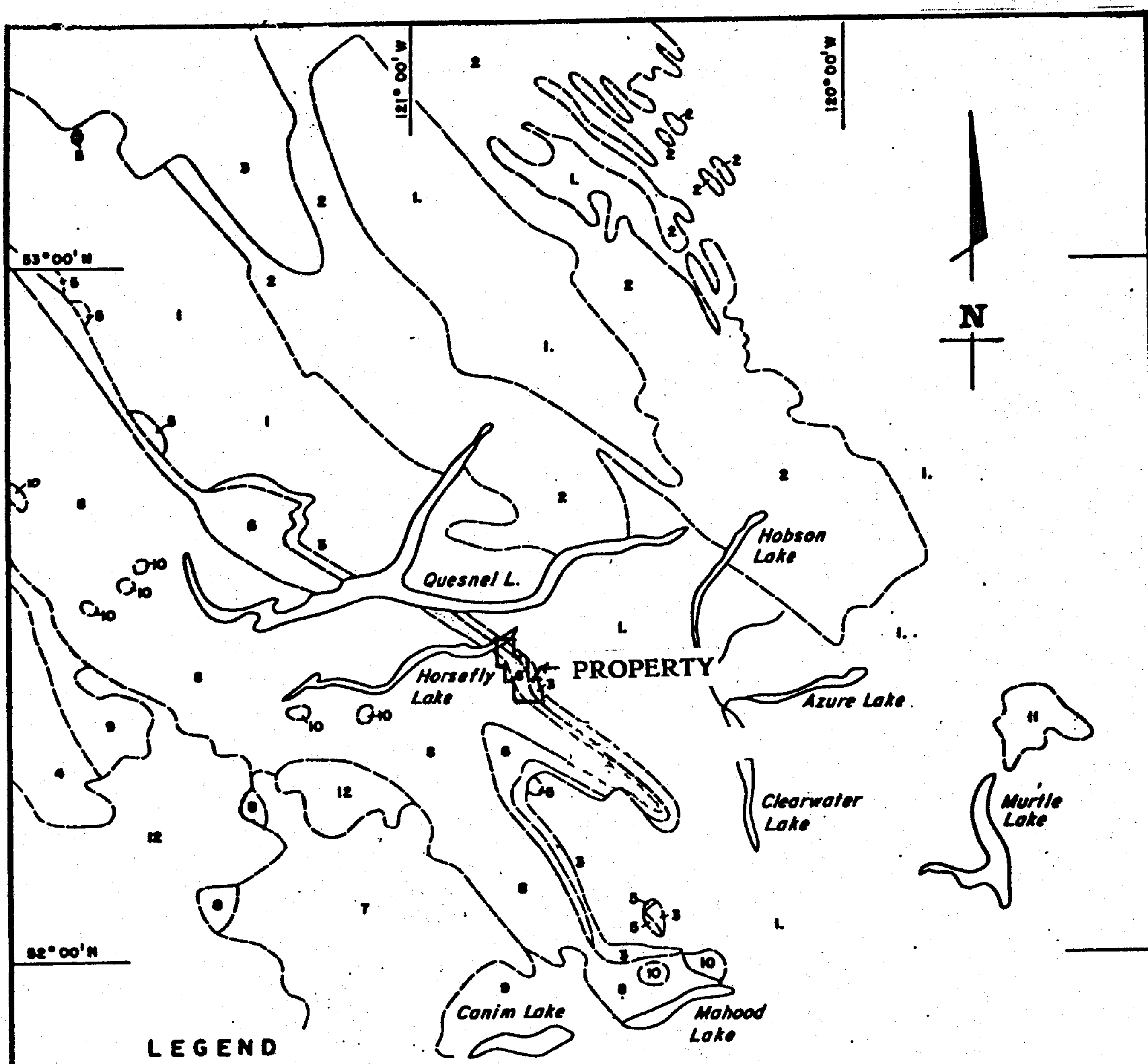
FIGURE 4

ARMADA GOLD & MINERALS LTD.

FORKS 1-4, AR 1-2. TEP 1-3 MINERAL CLAIMS

TECTONIC ELEMENTS OF THE CORDILLERA

(After Wheeler et al., 1972)



LEGEND

RECENT TO TERTIARY
- 12 Recent volcanics - overburden

CRETACEOUS TO TERTIARY
- 11 Granodiorite - quartz diorite

CRETACEOUS
- 10 Syenite - quartz monzonite

JURASSIC
- 9 Sediments

UPPER TRIASSIC TO LOWER JURASSIC
- 8 TAKLA GP. Volcanics-sediments

UPPER TRIASSIC
- 7 TAKOMKANE BATHOLITH : Granodiorite - quartz monzonite.

UPPER TRIASSIC
- 6 BLACK PHYLLITES : Sediments - lesser volcanics

PERMIAN TO TRIASSIC
- 5 Ultramafics

UPPER PALEOZOIC
- 4 CACHE CREEK GP : Sediments - lesser volcanics
- 3 SLIDE MT. GP : Volcanics - sediments

HADRYNIAN TO ORDOVICIAN
- 2 Sediments

HADRYNIAN
- 1 KAZA GP : Metasediments

0 10 20 30 40 50 KM

FIGURE 5

ARMADA GOLD & MINERALS LTD.

FORKS 1-4, AR 1-2, TEP 1-3 CLAIMS

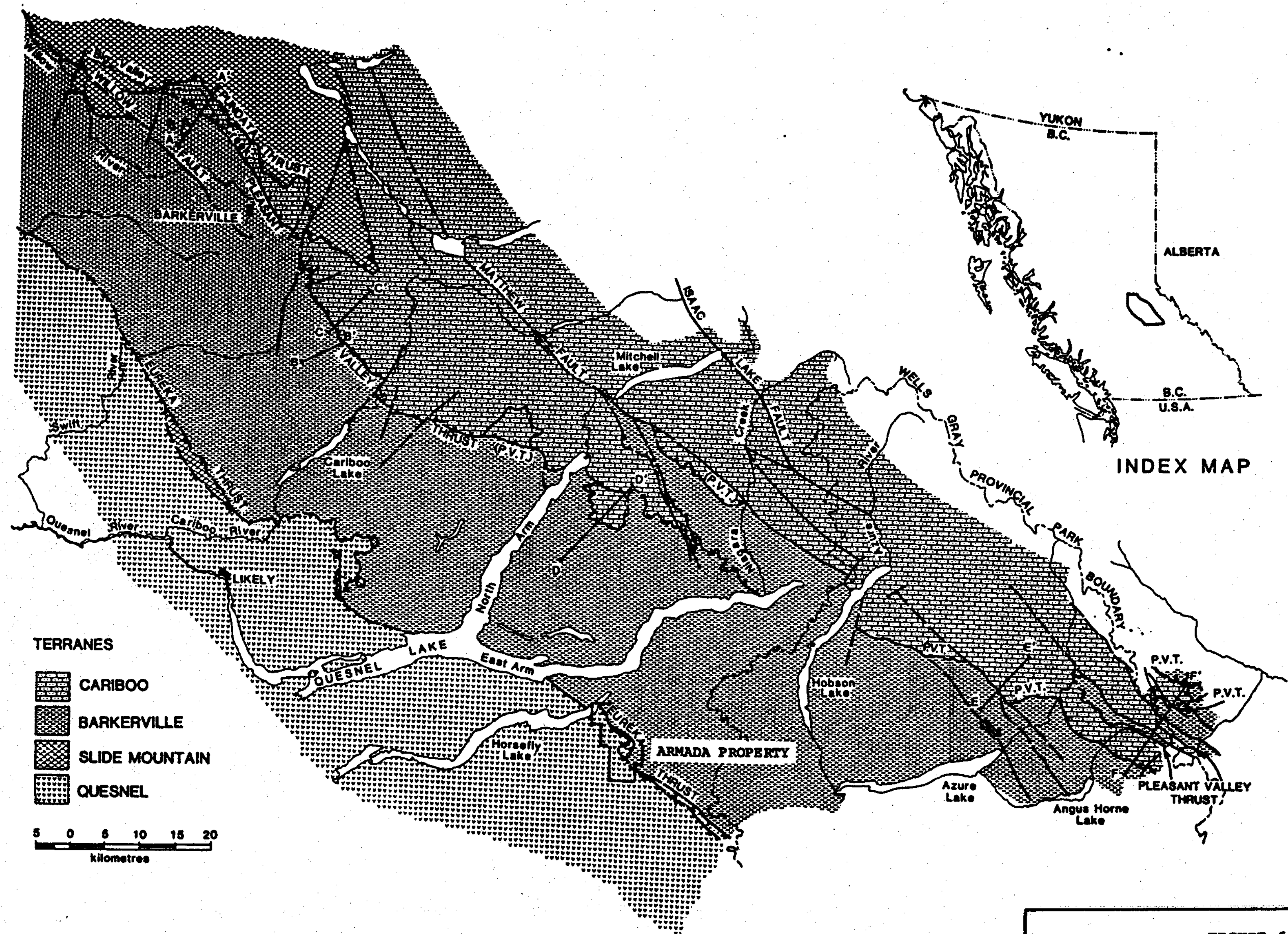
REGIONAL GEOLOGY (After Campell, 1978 O.F. 574)

Recent mapping by Struik (1982a,b, 1983a,b, 1985b,c, 1986, 1987) of the Cariboo Mountains and Quesnel Highlands has resulted in a refinement of the divisions previously defined by Monger et. al. (1982) of the area into four stratigraphic and tectonically distinct terranes. Struik (1985) infers that the various terranes were thrust together and metmorphosed during the Jurassic, re-metamorphosed during mid-Cretaceous and subjected to dextrel strike-slip faulting from mid-Cretaceous to early Tertiary. The terranes going from east to west are the Cariboo (continental shelf clastics and carbonates), Barkerville (continental shelf clastics, carbonates and volcanics), Slide Mountain (oceanic rift volcanics, intrusives and clastics) and Quesnel (island arc volcanics and clastics) (Struik, 1986). Figure 6 shows the distribution of the various terranes and how they are structurally related to each other.

The various terranes are defined by either east dipping or west dipping thrust faults. The Armada property lies along and partially includes a portion of the Eureka Thrust (west dipping) that thrusts Quesnel terrane onto Barkerville.

The gold-bearing occurrences hosted by rocks within the Quesnel Trough are outlined in Figure 7 which also indicates the relative position of the stratabound gold project area. A brief description of the gold occurrences was reported by Saleken and Simpson 1984 and reproduced below:

> "In 1964, the Cariboo-Bell deposit was discovered 9 km southwest of Likely. Current drill indicated mineable reserves are 117-million tons grading 0.31% Cu and 0.012 oz/ton Au (including a higher grade zone totalling 30-million tons grading 0.38% Cu and 0.018 oz/ton Au). Mineralization is mainly confined to high level, intrusive breccia zones within an alkalic laccolith of early Jurassic age emplaced at the site of an Upper Triassic eruptive center.
>
> During the early 1970's most of the known Jurassic alkalic plutons in the Likely-Horsefly area were staked and explored for similar copper-gold mineralization. Though most were found to contain some auriferous chalcopyrite mineralization in stockwork or disseminated deposits, none proved to be significant in size or grade. It was during the investigation of one of these comagmatic stocks that the QR deposit was discovered in the late 1970's. Gold mineralization was found associated with a pyrite-epidote zone in basaltic breccia flanking



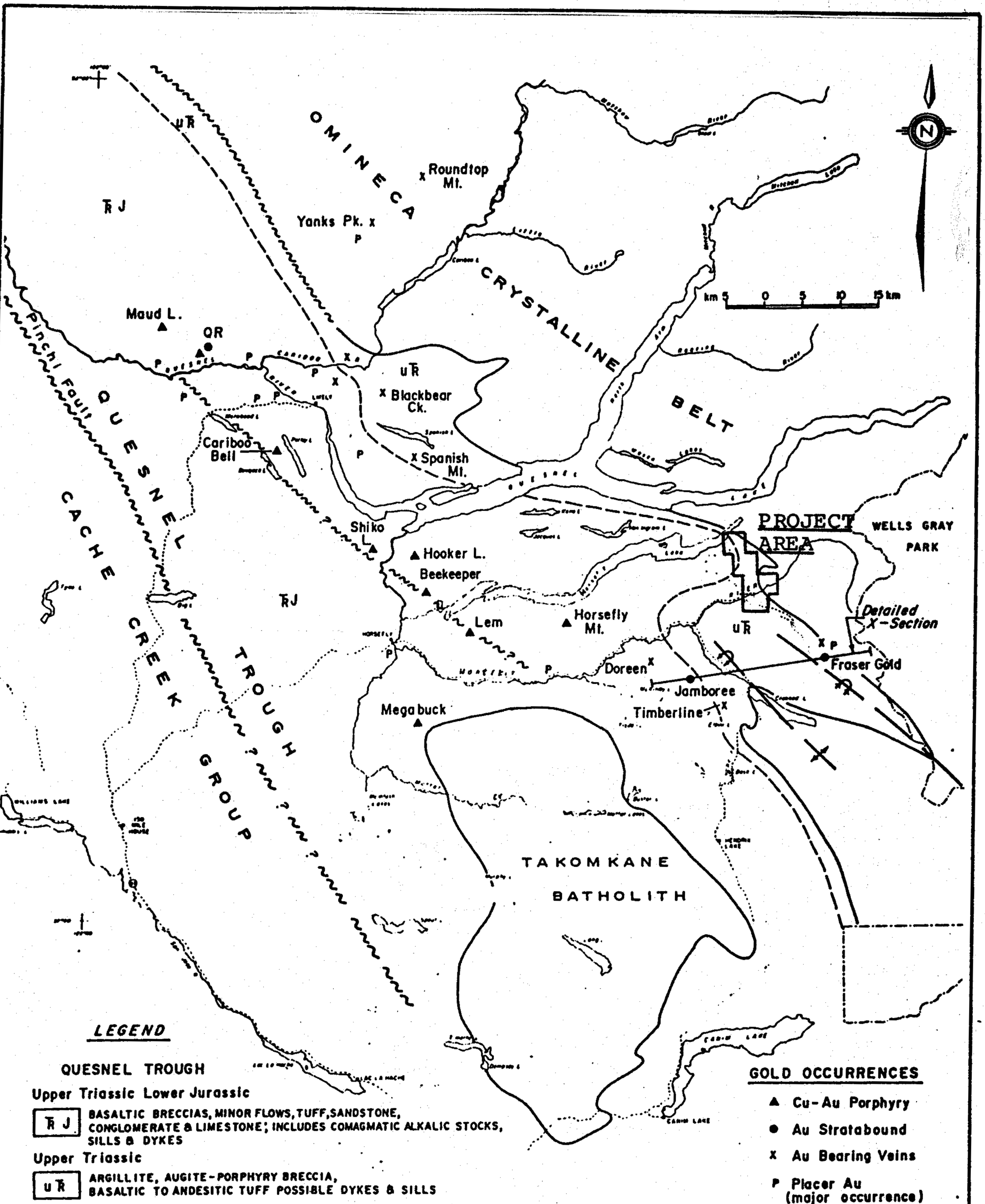
Pre-Jurassic terranes in an area of British Columbia shown by the inset map.

FIGURE 6

ARMADA GOLD & MINERALS LTD.

MAP SHOWINING LOCATION OF PROPERTY RELATIVE TO THE QUESNEL/SLIDE MOUNTAIN TERRANES

Modified from Struik (1986)



EUREKA SYNCLINE STRATABOUND GOLD PROJECT — FIGURE 7

GEOLOGY OF THE QUESNEL TROUGH SHOWING THE RELATIVE LOCATION OF GOLD OCCURRENCES TO THE STRATABOUND GOLD PROJECT AREA.

(Modified after Saleken and Simpson, 1984) a zoned alkalic stock. The mineralized horizon occurs immediately below a sedimentary contact and above a strongly carbonatized zone (Fox 1983). Drill indicated reserves have been reported as 950,000 tons grading 0.21 oz/ton Au (CMH 1982-83).

During the renewed exploration activity in the 1980s other, seemingly stratabound, gold occurrences have been discovered in the eastern Quesnel Trough. Near Frasergold Creek, Eureka Resources has reported drill indicated reserves of 11-million tons grading between 0.04 and 0.05 oz/ton Au (NAGMIN January 15, 1984). Here, gold-pyrite mineralization occurs along an iron-carbonate rich horizon within the Upper Triassic argillite sequence which has been highly deformed and metamorphosed to phyllite (Belik, 1982). The Jamboree property, northwest of Crooked Lake, hosts a stratabound, anomalous gold horizon in tuffaceous phyllite immediately above a contact with the augite porphyry breccia unit.

Saleken and Simpson (1984) in reviewing the gold occurrences of the Quesnel Trough characterize the Eureka Resources / Southlands Mining Corporation. Frasergold deposit which adjoins the Armada property as a stratabound gold deposit. Figure 8a illustrates the relative stratigraphic position while Figure 8b illustrates the relative position within the Eureka syncline of the stratabound gold horizon (Frasergold) the western slope of the MacKay River valley (the cross-section line is indicated in Figure 7).

The geological continuity to the northwest along MacKay River to Horsefly Lake is confirmed by the mapping of Bloodgood (1987) who correlated the stratigraphy of the eastern limb of the Eureka syncline from Frasergold Creek to Horsefly Lake (see Figure 9).

EUREKA SYNCLINE STRATABOUND GOLD PROJECT

RELATIVE POSITION OF THE FRASERGOLD STRATABOUND GOLD DEPOSIT

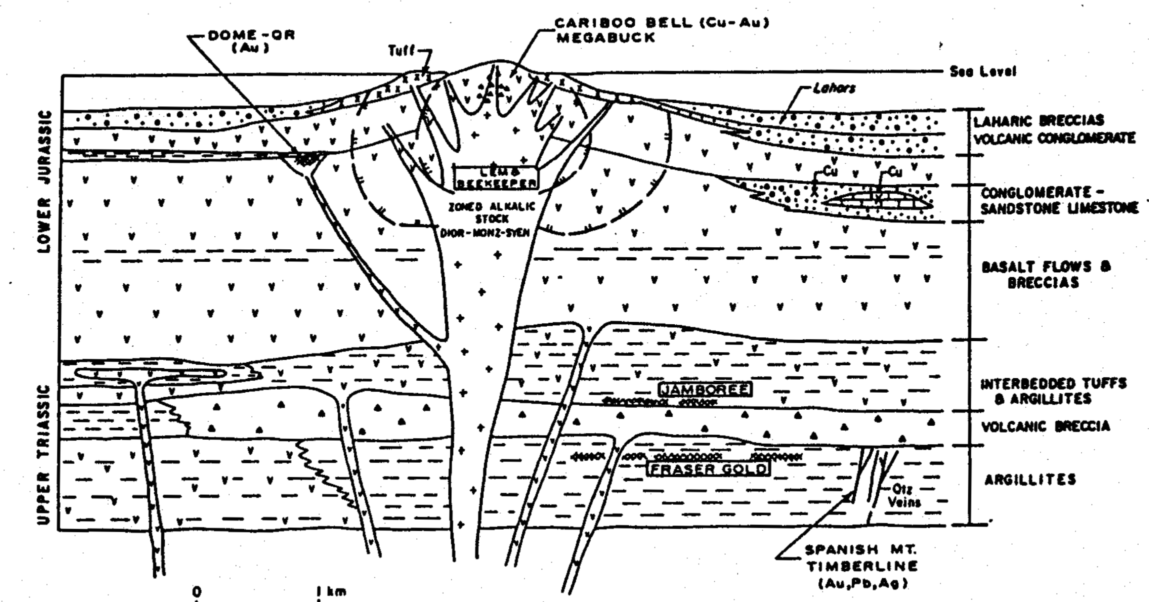


Figure 3. Diagrammatic cross-section through a Quesnel Trough volcanic complex, showing relative stratigraphic positions of known mineral deposits

FIGURE 8a RELATIVE POSITION IN STRATIGRAPHIC COLUMN
(After Saleken and Simpson, 1984, Figure 3)

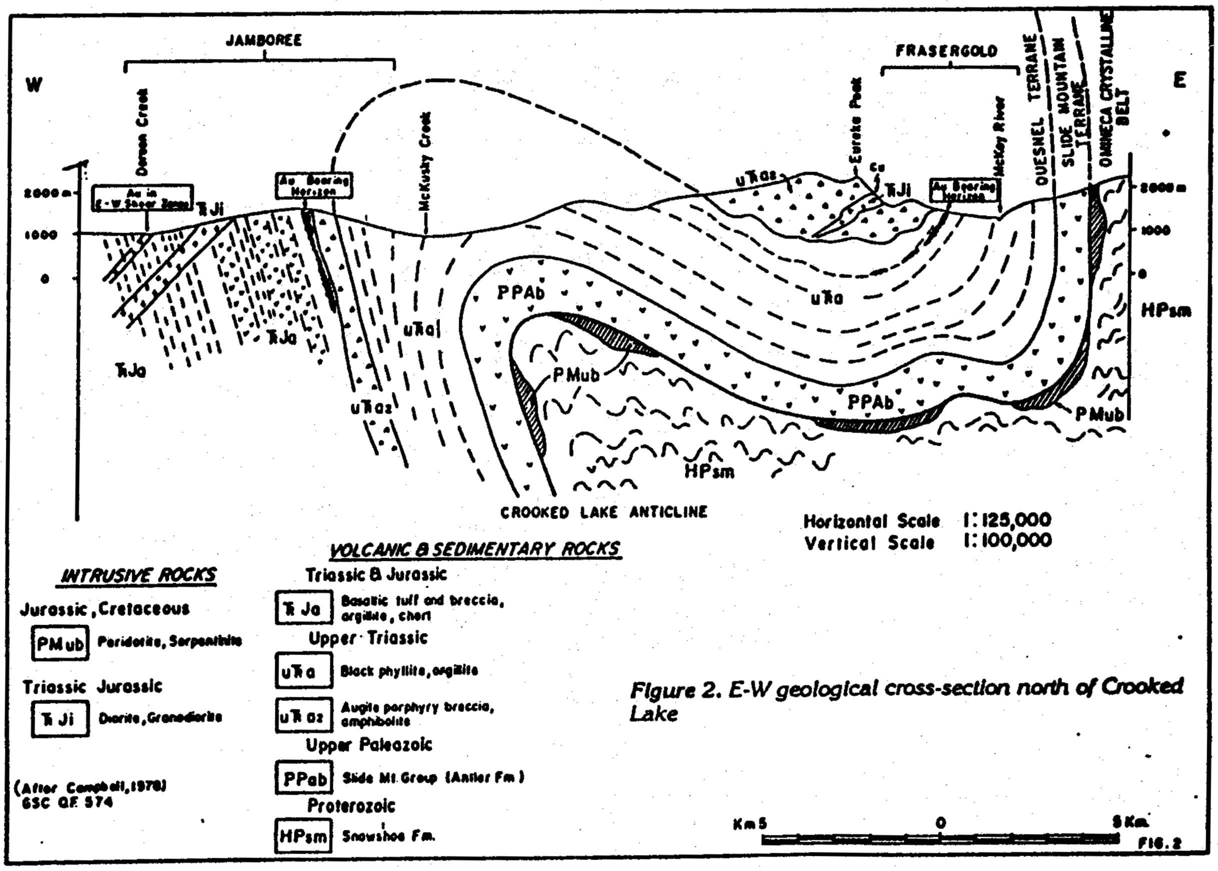
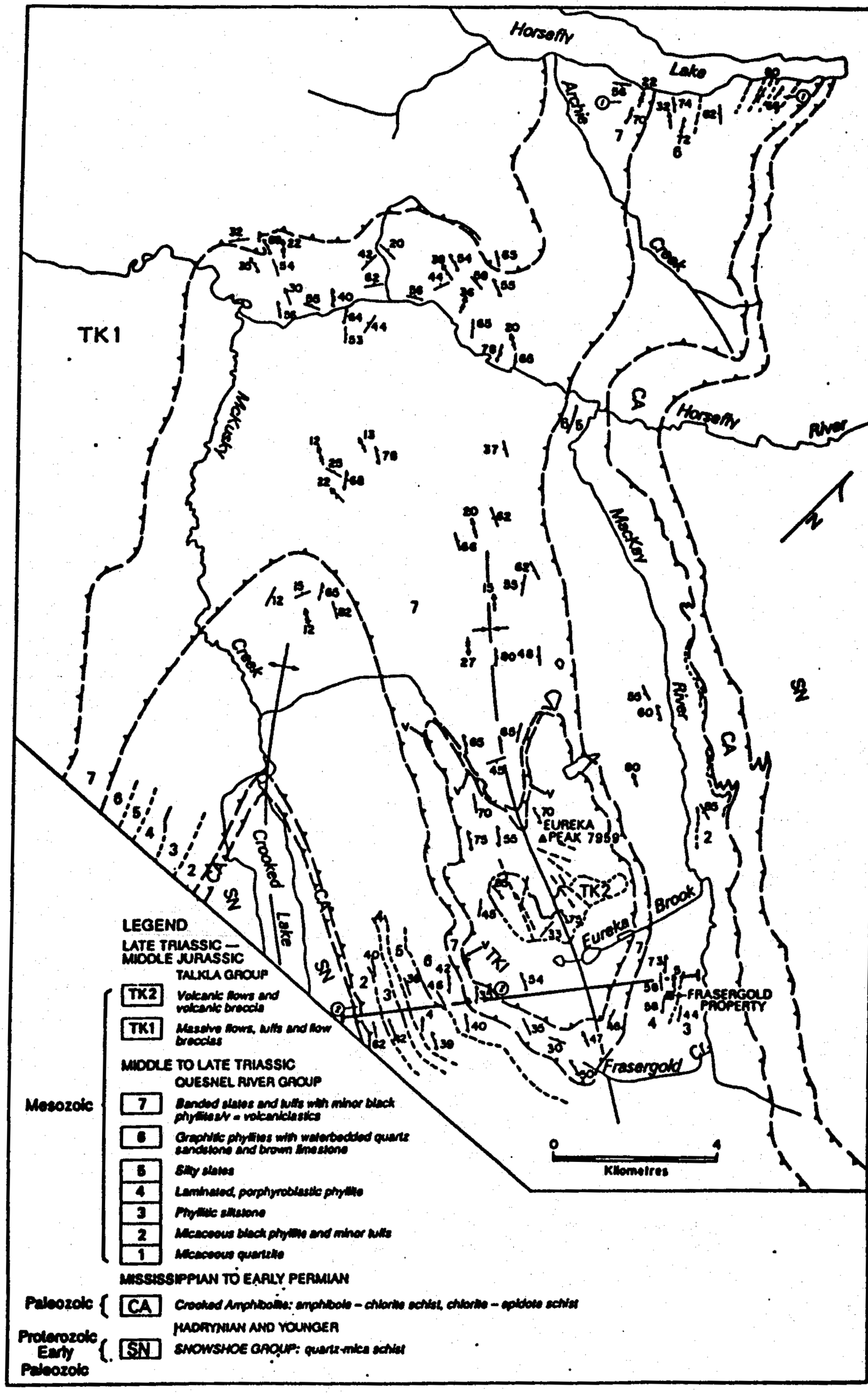


Figure 2. E-W geological cross-section north of Crooked Lake

FIGURE 8b POSITION RELATIVE TO THE EAST LIMB OF THE EUREKA SYNCLINE
(After Saleken and Simpson, 1984, Figure 2)



EUREKA SYNCLINE STRATABOUND GOLD PROJECT

FIGURE 9 GENERALIZED GEOLOGY OF EUREKA PEAK AREA SHOWING THE EAST LIMB CONTINUITY BETWEEN FRASERGOLD CREEK AND HORSEFLY LAKE.
(After Bloodgood, 1987, Figure 3-2-2, p. 136)

PROPERTY GEOLOGY

(1) General

Regional detailed geologic mapping of the Eureka Peak area by Ms. M.A. Bloodgood in 1984 and 1985 as part of a Masters Thesis / Canada / British Columbia Mineral Development Agreement provided the mapping / conceptual base upon which the present study is based. Bloodgood (1987) inferred that near identical stratigraphy within the black phyllite unit existed along strike from the recent gold discovery of the Frasergold property to the south shore of Horsefly Lake, a distance of approximately 25 kilometres.

Geologic mapping by the writer (geologic map in pocket, Figure 10) is at a scale of 1:10,000. Mapping was done by hip chain and brunten and/or surveyed grid. The formation unit designations are the same as used by Bloodgood (1987) with a few minor changes. In general, the overall distribution of the various black phyllite units are about the same as shown on Bloodgood's map (1987) with the exception of the section along Horsefly Lake and much more detail in areas previously mapped as covered.

(2) Geologic Setting

The Fork 1-4, AR 1-2 and TEP 1-3 mineral claims are mainly underlain by an unnamed black phyllite formation that have been assayed to the Middle to Late Triassic Quesnel River Group (Tipper, 1978; Campbell, 1978).

The black phyllite formation structurally overlies (thrust fault contact) rocks of the Mississippian to early Permian Crooked Amphibolite (correlative to the Antler Formation of the Slide Mountain Group) and possibly Proterozoic to early Paleozoic Snowshoe Group rocks. The only exposure of Crooked Amphibolite on the property is located approximately 100 metres east of the Carlson Bridge (see Figure 10). At this location the Crooked Amphibolite consists of pale green to gray, fine-grained, banded well foliated biotite-chlorite-quartz schist. Foliation is defined by both the alignment of phyllosilicate minerals and discontinuous quartz/carbonate bands 2-20 mm in width. The contact between the unnamed black phyllite and the Crooked Amphibolite is covered by glacial debris.

Near the northeast end of Horsefly Lake (Figure 10) is an outcrop exposed along a logging road of fine to coarse grained, well-foliated quartz-muscovite schist containing minor biotite and flattened garnets. Bloodgood (1987) appears to have mapped this unit as the basal unit (micaceous quartzite, Unit 1 on Figure 9) of the unnamed black phyllite. The writer believes this unit to be part of the Snowshoe Group based on its higher grade of metamorphism (amphibolite facies) than the overlying black phyllite and the rock type description fits Snowshoe Group rocks. In a discussion with Dr. L.C. Struik (Geol. Surv. Can.) he also felt, based on writer's description of the quartz-mica schist, that it was probably Snowshoe Group.

The unnamed black phyllite formation as defined by Bloodgood (1987a,b) consists of six or seven units depending upon the reference cited. The units from base to top are TR_{a1} (Unit 1) micaceous quartzite, TR_{a2} (Unit 2) micaceous black phyllite and tuffs, TR_{a3} (Unit 3) phyllitic siltstone, TR_{a4} (Unit 4) laminated phyllite and porphyroblastic phyllite, TR_{a5} (Unit 5) silty slates and TR_{a6} (Unit 6) graphitic black phyllites with interbedded quartz sandstone and limestone (Bloodgood, 1987b).

The following description of the various units in the unnamed black phyllite package is based on the writer's observations unless otherwise shown.

Unit 1 (TR_{a1})

The basal unit as defined by Bloodgood (1987a) is in the writer's view not exposed on the claims (see previous discussion regarding Snowshoe Group). Bloodgood (1987a) described Unit 1 as "Buff to rust weathering, pale recrystallized quartz sandstone dominates the unit. Locally the sandstones are dark grey to green in colour. Compositional layering is outlined by alternating quartz rich and mica rich bands. Placer alignment of muscovite defines the schistosity strongly developed parallel to bedding."

Unit 2 (TR_{a2})

Unit 2 rocks are well exposed along the MacKay River where it passes through Forks 4 (Figure 10). At this location Unit 2 consists of dark grey to silver grey, very fine grained, very siliceous, tightly foliated, locally pyritic and/or graphitic, moderate to high sheen phyllite. Locally the phyllite is poorly laminated, but in general it is impossible to define bedding because of the well developed cleavage/foliation.

Unit 3 (TR_{a3})

Unit 3 is well exposed along the logging road above Horsefly Lake (TEP 1) and partially exposed in the lower part of No. 1 creek (Forks 4). The lower contact of Unit 3 is not exposed at either of the locations, but it is assumed that the stratigraphically lowest exposure on the Horsefly Lake section is fairly near the base of the unit. Unit 3 on the Horsefly Lake road consists mainly of medium dull gray, very fine grained, locally well laminated, moderately foliated carbonaceous calcareous phyllite containing narrow sections of very siliceous high sheen phyllite. The top of Unit 3 (Horsefly Lake section) is marked by a narrow (3-5 metres) black, very carbonaceous calcareous silty phyllite. In contrast to the Unit 3 in the Horsefly Lake section, Unit 3 at the No. 1 creek location is very siliceous (no carbonate) much more pyritic including bedded pyrite (1 mm beds of very fine grained pyrite) and contains several 1-3 metre beds of white quartzite (almost vein-like except they are conformable to bedding) containing thin bands of very fine grained sericite phyllite. The quartzite-sericite phyllite bands (beds) commonly contain 1-3 percent finely disseminated pyrite and traces of chalcopyrite. A gold assay ran on the above material was negative.

The top of Unit 3 at the No. 1 creek location is marked by a thin unit (5-8 metres) of dark grey, very fine grained, silty, slightly carbonaceous, siliceous, well foliated, high sheen phyllite. Bedding is defined by hairline, highly contorted, white silty beds.

Unit 4 (TR_{au})

Unit 4 consists of medium grey to silver grey, very fine grained, well laminated, well foliated, tightly folded, siliceous, locally pyritic porphyroblastic (knotted) phyllite. This unit locally contains narrow (1-2 metres) highly contorted, bedded, very fine grained grey limestone beds in the lower part of the unit. Highly deformed (boudinage) quartz veins and/or meta-quartzite beds are common throughout the knotted phyllite unit. The knotted characteristic of Unit 4 makes it one of the most easily identified rock unit in the area. Its appearance is the same at all Unit 4 exposures on the Armada property as well as on the adjoining Eureka Resources Inc./ Southlands Mining Corp. property, which has a published reserve of 20 million tons at a grade of 0.05 to 0.08 ounces gold per ton (George Cross Newsletter, No. 240, December 15, 1987). The Eureka/Southlands deposit is hosted in a quartz-rich horizon within Unit 4. The porphyroblastic appears to be composed of cordierite(?) locally weathered to iron oxides.

Unit 5 (TR_{a5})

Unit 5 appears to be a very thick unit consisting of medium to dark grey to blue black, very fine grained, siliceous, well foliated locally very graphitic and/or pyritic, locally very well laminated (alternating light coloured, narrow (1-2mm) silty beds and dark phyllite), moderately high sheen phyllite. The unit contains a number of sections of containing interbedded grey micaceous siltstone. Smeared pyrite is locally common on foliation surfaces. Unit 5 commonly breaks out at the outcrop in elongate rod shaped fragments (pensil rock). This is caused by the intense, very tight folding of the foliation in a single direction.

Unit 6 (TR_{a6})

Unit 6 is very poorly exposed on the Horsefly Lake section therefore the following definition is questionable. Where exposed, Unit 6 consists of medium grey to black, very fine grained, siliceous, blocky, poorly foliated rusty weathering phyllite. The Horsefly Lake section contains mainly grey to pale grey, very fine grained siliceous tuffs which may be part of the overlying unit. No attempt was made to map the

Unit 6 exposed on the Forks claims because it did not appear to host any mineralization. The contacts and attitudes of Unit 6 shown on the Forks claims section of Figure 10 are from mapping by Mary Ann Bloodgood, (1987).

Unit 7 (Bloodgood, 1987a) or Unit TRb (Bloodgood, 1987b) was only mapped on the Horsefly Lake section. At the location (south of TEP 2) the unit consists of mainly grey to pale green, very fine grained siliceous tuffs interbedded with minor dull, dark grey, very fine grained siliceous, blocky meta-siltstones and/or slates. At this same location there is a number of variable width dykes or small stock-like intrusions of dark grey to greenish grey, fine grained, inequigranular, hornblende/augite locally porphyritic diorite. The diorite commonly contains medium grained disseminated, slightly magnetic pyrrhotite.

The possibility of more intrusive activity in the area is suggested from a strong magnetic deflection of the compass in the vicinity of the Legal Corner Post at TEP 1 and 2, although no igneous rock was observed in the immediate area.

Structurally, the Forks, AR and TEP claims cover a segment of the northeast limb of the Eureka Peak syncline. Bedding attitudes are quite variable along strike and range from 30 degrees to vertical with most of the strike direction clustered around 130 degrees ($\pm$ 10 degrees). Most of the Horsefly Lake section dips steeply (70-85 degrees) northeast which suggests some degree of overturning on this segment of the Eureka Peak syncline. All of the black phyllite package appears to exhibit intense isoclinal folding which creates a difficult mapping situation for tracing individual units along strike. Fortunately, for this study the critical unit (Unit 4 - knotted phyllite) is also a very good marker horizon.

(3) Mineralization

Exploration and sampling by Amoco, Eureka and others have shown that gold mineralization is found in and associated with quartz sweats and/or veins in porphyroblastic black phyllite (Unit 4). The lense, pods and irregular veins of quartz that contain gold are indistinguishable from unmineralized quartz in the same area. It was noted that the mineralized quartz always contained sericite and ankerite or siderite, but barren quartz with the same mineralogy was also sometimes present. A few samples of quartz bearing material found in Unit 4 was sampled by the writer. The one sample contained 0.065 ounces per ton gold (Figure 10, TEP 1) was taken over a 25 centimetre width from a partially exposed boudinaged quartz vein. Thick glacial cover prevented more extensive sampling in the area. The appearance, character and stratigraphic position of the gold bearing sample is identical to the gold bearing outcrop on the Eureka Resources, Inc. property.

GEOCHEMICAL SURVEY

A silt/soil geochemical survey was conducted over two separate grids on the claim group at various times during the period 29 July to 24 September, 1987 by the writer, Mr. C.E. Gunn and personnel provided by Durfeld Geological of Williams Lake. The sampling of Grid 1 (Figure 11) was done by Mr. Gunn and to a lesser extent by the writer while geologic mapping. Sampling of Grid 2 (Figure 10) (Horsefly Lake section) was mainly done by Durfeld Geological with a minor amount by Mr. Gunn and the writer.

The soil samples were collected along hand-cut and/or flagged north-south (Grid 1) or east-west (Grid 2) lines. Grid 1 contains 12.95 kilometres of line and 2.1 kilometres of baseline and was sampled on 25 metre intervals along the line and 50 metre intervals along the baseline. Grid 2 contains 16.195 kilometres of line 2.5 kilometres of baseline and both the lines and the baseline were sampled on 50 metre intervals. A total of 935 soil samples and 33 silt samples were collected.

Silt samples were collected when any drainage crossed a line and along all of the roads, and occasionally along the coarse of the drainage. Silt sampling results are shown on the geologic map (Figure 10).

The soil sampling method consisted of digging a shallow hole with a grab hoe or shovel and collecting the sample from the "B" horizon. The sample was placed in a Kraft bag and marked as to location. Silt samples were collected with a plastic spoon from several locations at a given sample point and placed in a waterproof Kraft bag the same as the soil samples.

All samples were analyzed by Acme Analytical Laboratories Ltd., 852 East Hastings Street, Vancouver, B.C. V6A 1R6, using 30 element I.C.P. (Inductively Couples Argon Plasm) and an A.A. (Atomic Absorption) for gold.

Soil samples were dried at 60° and sieved to -80 mesh and the resultant fraction analyzed. The first batch of silt samples (30) were sieved to -20 mesh and the resultant fraction pulverized prior to analysis. The reason that this method was adapted rather than the normal straight sieving to -80 mesh was that panning of some of the creeks (No. 1 and No. 2) showed free gold coarser than -80 mesh in the pan. It was felt that taking a coarser fraction would pick up this gold. Unfortunately, this reasoning was faulty and as a result the results were much diluted from later check sampling using the -80 mesh fraction for analysis. The following shows the great disparity between the -80 mesh fraction and the pulverized -20 mesh fractions.

TABLE 1

A Comparison Between Stream Silt Samples Analyzed for Gold Using -80 mesh and Pulverized -20 mesh Material

Sample No.	-20 mesh (pulverized)	-80 mesh (sieved only)
6	23ppb	2470ppb
7	1	98
8	102	2820

The laboratory method used to analyze both the soil and silt samples is as follows:

(1) .500 gram sample is digested with 3 ml solution of 3-1-2, HCL-HNO_3-H_2O at 95°C for one hour.

(2) Sample is then diluted to 10 ml with H_2O. This leach solution is partial for Mn, Fe, Ca, P, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Si, Zn, Ce, Sn, Y, Nb and Ta. Gold detection limit on I.C.P. is 3 ppm, consequently gold was analyzed by

Atomic Absorption (A.A.) from a 10 gram sample which had been ignited overnight at 600°C, digested with hot dilute aqua regia and extracted with methyl isobutyl ketone.

All results are appended (Appendix A).

(1) Geochemical Silt / Soil Survey Results

The gold geochemical silt and soil results were treated statistically to give the mean, variance and standard deviation. Since by inspection there was no correlation between gold and the other 30 elements that the samples were analyzed for, it was decided that nothing would be gained by statistically analyzing or plotting the results for these elements (see Appendix A for analytical results). Commonly the anomalous values for gold are defined a being the value of the mean plus two standard deviations. The calculated values are given below:

No. of Samples	Element	Unit	Mean	Variance	Standard Deviation	Anomalous Value
935	Au (soil)	ppb	14.079	4011.493	63.336	140.751
30*	Au (silt)	ppb	5.9	352.921	18.786	43.472

* silt samples that were sieved to -20 mesh and pulverized.

The above statistical approach to determine an anomalous threshold appears to be of little use in dealing with particulate gold. In examining the soil geochemical map (Figure 11) for grid 1 it is very obvious that the background values for the grid area is between 1 and 10 ppb and any value above 50 ppb gold is very anomalous.

Contouring of the plus 50 ppb gold (Grid 1) with an assumed 130 degree trend (most common attitude measured on the gold bearing porphyroblastic black phyllite) defined three possible northwest trending discontinuous anomalous zones. The northern most trend more or less is associated with the knotted phyllite unit as now mapped but because of relatively thick cover the distribution of this unit is questionable in the writer's opinion. The multi-parallel anomalous gold zones could be caused by a repetition of the favourable knotted phyllite due to isoclinal folding, isolated quartz vein systems parallel to the regional trend or glacial smearing. Another factor that may affect the distribution of anomalies is the repeatability of the analysis for particulate gold. A case in point is illustrated on line 12+00E, station 5+25S to 5+75S. At this location duplicate samples were collected after the original sample results showed a very anomalous value (920 ppb). The resampling yielded 23 ppb for a sample site within 5 metres of the original site. Adjoining lower samples gave higher results (9 vs. 32 and 57 vs. 2) (see Figure 11).

The geochemical soil samples from Grid 2 were very low (most in the 1-2 ppb range) due to the extreme thickness of glacial clay in the grid area. Due to their low values it was decided not to make a separate plot but rather just show the higher values on the grid plotted on the geology map (Figure 10). It is interesting to note that a soil sample collected 10 metres for a rock sample site on Grid 2 that contained 0.065 ounces gold per ton was a blank. There apparently has been no mixing of locally derived material with the transported material contained in the glacial debris.

CONCLUSIONS

Geologic mapping and soil / silt / rock sampling of the Forks 1-4, AR 1-2 and TEP 1-3 mineral claims has shown that the potentially gold bearing porphyroblastic phyllite unit (Unit 4) is presently under most of the property and it was also shown to contain gold (0.065 opt per 25 cm) at approximately the same stratigraphic horizon as that on the adjoining Eureka Resources, Inc. / Southlands Mining Corp. property. Soil geochemical results were shown to be sometimes helpful in defining potential gold bearing zones, provided that the glacial overburden is not too thick. The geochemical results also showed that the only indicator element for gold was itself.

Further geochemical definition is probably not warranted because of adverse cover conditions so further work will require fairly extensive trenching and/or diamond drilling at those areas now known to be underlain by the porphyroblastic phyllite.

PERSONNEL TIME DISTRIBUTION

(Forks 1-4, AR 1-2, TEP 1-3 Mineral Claims

D.A. Howard, M.Sc., P.Eng. Field July 29 - August 10, 1987 inclusive August 30 - September 9, 1987 inclusive	24 days
C.E. Gunn, Professional Prospector Field July 29 - August 10, 1987 inclusive August 19 - September 14, 1987 inclusive	40 days
Durfeld Geological Staff 2 men August 18 - September 23, 1987 Linecutting, sampling contract by the kilometre time not charged	37 days

COST STATEMENT

Personnel

D.A. Howard, M.Sc., P.Eng.	
Field 24 days at $400.00 per day	$ 9,600.00
Office 125 hours at $50.00 per day	6,250.00
C.E. Gunn, Professional Prospector	
Field 40 days at $250.00 per day	12,000.00
Sub-total	28,350.00

Expenses and Disbursements

Durfeld Geological Management Ltd.	
Linecutting and some sampling	
30.3 km at $500.00 per km	15,150.00
Acme Analytical Laboratories Ltd.	
Geochemical analysis and assays	10,181.85
Camp, 4x4, saw rental (C.E. Gunn)	
40 days at $75.00 per day	3,000.00

Expenses and Disbursements Continued

Camp operation and travel expenses$	2,072.95
Flagging, topo string, sample bags	258.96
Telephone	36.82
Sub-total	30,700.58
Report Expenses	
On-Words (typing)	123.75
Geodrafting Services Ltd. (drafting maps)	750.00
Xeroxing	20.00
Sub-total	893.75
TOTAL	$59,944.33

Respectfully submitted,

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA DAVID A. HOWARD

D.A. Howard

D.A. Howard, M.Sc., P.Eng.
D.D.H. Geomanagement Ltd.

CERTIFICATION

I, David A. Howard, of the City of Vancouver, Province of British Columbia, hereby certify as follows:

1. I am a geologist residing at 9040 Glenallan Gate, Richmond, B.C., with an office at 422 - 470 Granville Street, Vancouver, B.C.

2. I am a registered Professional Engineer of the Province of British Columbia. I graduated from Montana State University in 1964 and from the University of Washington in 1967.

3. I have practised my profession continuously since June, 1966, with the firm Placer Development Ltd. and since 1981 with D.D.H. Geomanagement Ltd., the latter of which I am a principal.

4. I am the author of this report which is based on property work during the period 29 July to September 23, 1987.

5. I have a direct interest in the subject property.

Dated at Vancouver, B.C., this 17th day of February, 1988.

PROVINCE OF BRITISH COLUMBIA
DAVID A. HOWARD
PROFESSIONAL ENGINEER

D.A. Howard

David A. Howard, M.Sc., P.Eng.

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APPENDIX A

GEOCHEMICAL RESULTS
ACME ANALYTICAL LABORATORIES LTD.

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED

DATE REPORTS MAILED Aug 24/87

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PULVERIZED TO -100 MESH.
AG** & AU** (1A/T) BY FIRE ASSAY

ASSAYER D Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

DDH GEOMANAGEMENT PROJECT ARMADE FILE# 87-3316 PAGE# 1

SAMPLE	Ag** oz/t	Au** oz/t
B 9867	.13	.003

No 1 creek Fork 4
Sericite Phyllite

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

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR- ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AG** BY FIRE ASSAY. AU** BY FIRE ASSAY

DATE RECEIVED: OCT 2 1987 DATE REPORT MAILED: Oct 13/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

D.D.H. GEOMANAGEMENT PROJECT-MEADOW MTN. File # 87-4544

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM
E 27028	6	94	661	2236	151.8	15	3	1013	1.74	114	5	ND	2	371	35
E 27029	13	440	1710	1138	296.5	44	11	1205	4.68	247	5	ND	10	11	17
E 27030	1	102	2138	322	253.2	3	2	253	1.00	262	5	ND	1	2	7
E 27031	15	54	17	329	2.4	39	7	627	2.63	12	9	ND	7	148	5
E 27032	3	15	12921	1048	36.4	15	2	68	.90	24	5	ND	1	3	49
E 27033	2	68	96	41	2.5	32	11	268	2.64	4	5	ND	7	21	1
STD C	18	58	37	132	7.1	67	26	1029	3.97	40	21	7	39	50	17

SAMPLE#	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T
E 27028	52	2	8	4.50	.023	2	4	.55	16	.01	3	.13	.02	.06	1	4.62	.023
E 27029	24	3	21	.11	.071	25	10	.12	49	.01	3	.38	.01	.17	3	8.88	.035
E 27030	15	2	1	.02	.002	2	3	.01	6	.01	2	.03	.01	.01	1	7.55	.042
E 27031	3	2	71	5.63	.049	15	23	.80	32	.01	3	1.43	.02	.11	1	.05	.001
E 27032	11	2	2	.01	.003	2	3	.03	2	.01	2	.06	.01	.01	1	1.06	.030
E 27033	2	2	6	.45	.048	13	10	.20	29	.01	2	.62	.04	.08	1	.08	.065
STD C	16	22	56	.49	.084	37	58	.87	177	.08	32	1.84	.08	.14	13	-	-

25 cm channel on TEP #1 (Other samples from another property)

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

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

Silt sample. Pulverized

DATE RECEIVED: AUG 14 1987 DATE REPORT MAILED: Aug 24/87 ASSAYER. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER

D.D.H. GEOMANAGEMENT PROJECT-ARMADA File # 87-3295

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
FORK-1	1	29	12	114	.1	48	13	292	4.15	10	5	ND	2	42	1	2	2	75	.50	.036	5	99	.78	48	.10	2	.89	.03	.05	1	1
FORK-2	1	29	11	157	.1	54	18	366	3.21	9	5	ND	2	45	1	2	2	54	.56	.046	6	97	.95	59	.08	3	1.06	.05	.06	1	1
FORK-3	3	34	12	121	.1	51	16	1424	4.95	8	5	ND	2	39	1	2	2	80	.44	.037	7	82	.63	93	.09	2	.85	.03	.05	1	1
FORK-4	2	29	10	99	.1	41	11	662	3.11	4	5	ND	2	37	1	3	2	46	.41	.032	6	69	.62	61	.07	2	.79	.03	.05	1	1
FORK-5	3	32	10	112	.2	44	11	767	3.32	8	5	ND	2	39	1	2	2	50	.44	.037	8	72	.63	79	.07	2	.86	.03	.06	1	23
FORK-6	3	27	14	94	.2	42	10	583	3.93	7	5	ND	3	35	1	2	2	60	.39	.035	9	71	.59	68	.08	2	.80	.03	.06	1	1
FORK-7	4	40	13	132	.3	50	12	364	4.16	9	5	ND	3	35	1	2	2	60	.39	.041	7	71	.63	52	.08	2	.82	.03	.05	1	102
FORK-8	3	37	13	121	.2	48	12	382	4.02	7	5	ND	2	37	1	2	2	60	.41	.039	7	74	.66	52	.08	2	.81	.03	.05	1	2
FORK-9	3	37	13	114	.2	46	11	323	4.15	9	5	ND	2	34	1	2	2	63	.38	.039	7	66	.62	51	.09	5	.80	.04	.04	1	4
FORK-10	5	27	14	80	.3	38	11	1052	3.12	4	5	ND	2	42	1	2	2	44	.45	.039	8	66	.61	75	.06	4	.90	.04	.05	1	1
FORK-11	2	28	12	58	.1	35	12	725	3.06	8	5	ND	1	46	1	2	2	56	.52	.034	6	84	.70	70	.08	2	.90	.03	.06	1	1
FORK-12	1	24	8	60	.1	33	10	345	2.78	4	5	ND	2	38	1	2	2	50	.45	.035	5	73	.64	56	.08	5	.77	.03	.04	1	17
FORK-13	1	25	10	42	.1	31	10	367	3.09	5	5	ND	2	40	1	2	2	58	.49	.036	5	79	.66	56	.09	6	.74	.04	.04	1	1
FORK-14	1	18	8	41	.1	27	8	211	2.54	2	5	ND	1	40	1	2	2	49	.47	.028	3	80	.59	33	.08	2	.64	.03	.04	1	1
FORK-15	1	22	6	81	.1	30	8	218	2.11	6	5	ND	1	36	1	2	2	36	.43	.033	4	81	.66	46	.08	2	.73	.03	.04	2	1
TEP-1	1	26	15	51	.2	26	8	1071	2.29	9	12	ND	6	33	1	2	2	24	.35	.032	30	26	.53	150	.08	2	1.55	.03	.25	1	1
TEP-2	1	18	16	90	.5	27	7	227	2.27	8	5	ND	6	25	1	2	2	15	.58	.090	19	15	.40	58	.04	2	.78	.03	.11	1	1
TEP-3	1	11	12	53	.2	20	5	285	1.64	6	5	ND	6	33	1	2	2	13	.30	.028	15	14	.36	51	.05	2	.79	.03	.10	1	2
TEP-4	4	34	14	128	.6	40	7	544	2.39	9	5	ND	5	27	1	2	2	16	.31	.037	15	16	.40	82	.04	2	.89	.03	.15	1	2
TEP-5	2	21	10	69	.3	22	5	313	1.73	8	5	ND	6	20	1	2	2	13	.28	.040	14	13	.34	45	.04	7	.65	.03	.11	1	1
TEP-6	2	25	15	68	.2	24	7	492	2.50	22	5	ND	6	29	1	3	2	15	.31	.043	16	15	.37	67	.04	2	.77	.02	.12	2	1
TEP-7	3	25	15	126	.2	34	7	757	2.42	12	9	ND	7	22	1	2	2	13	.29	.049	17	10	.37	53	.03	2	.73	.02	.10	1	1
TEP-8	5	29	15	457	.3	89	9	2179	2.53	14	5	ND	5	25	3	4	2	16	.27	.041	14	11	.36	99	.03	8	.74	.03	.10	1	2
TEP-9	3	25	15	187	.5	44	7	877	2.13	10	5	ND	5	31	2	2	2	16	.35	.036	15	15	.40	87	.03	9	.84	.04	.12	2	1
TEP-10	1	22	15	122	.4	45	23	556	2.47	6	5	ND	8	14	1	3	2	19	.18	.043	24	21	.58	79	.05	7	1.14	.03	.18	1	1
TEP-11	3	21	14	99	.2	28	8	381	2.30	3	5	ND	8	20	1	2	2	20	.31	.066	18	23	.53	53	.05	2	.88	.03	.10	1	2
AR-1	4	23	16	108	.3	30	10	716	2.95	4	5	ND	4	20	2	2	2	27	.29	.052	20	26	.62	54	.06	2	1.16	.02	.08	1	1
AR-2	9	23	14	237	.5	42	8	552	2.88	7	5	ND	6	33	4	2	2	26	.56	.103	18	23	.58	65	.03	2	.88	.03	.06	2	1
AR-3	5	29	11	145	.3	38	10	1028	3.05	6	5	ND	5	26	2	2	2	29	.40	.056	15	28	.68	68	.05	3	1.03	.03	.07	2	1
AR-4	3	32	11	91	.4	30	8	361	2.44	5	5	ND	6	19	1	2	2	22	.29	.057	16	20	.58	41	.05	2	.84	.02	.07	1	1
STD C/AU-S	18	58	44	132	7.0	67	26	890	3.99	41	19	7	37	47	18	19	21	55	.48	.087	35	57	.88	175	.08	32	1.82	.08	.13	12	48

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

Grid 1

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-16 SOIL P17-18 SILT AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 16 1987 DATE REPORT MAILED: Sept 29/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

D.D.H. GEO-MANAGEMENT PROJECT-ARMADA File # 87-4260 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
0+00 3+75N	4	48	4	100	.3	33	14	547	3.15	3	5	ND	6	23	3	2	5	33	.40	.060	16	45	.60	43	.06	5	.92	.01	.10	1	1
0+00 3+50N	6	109	25	304	1.5	78	23	846	5.21	15	5	ND	10	36	4	2	2	30	.54	.109	27	40	.61	41	.04	2	.97	.01	.06	1	3
0+00 3+25N	11	104	44	426	1.6	93	25	994	6.45	10	5	ND	9	29	3	2	2	27	.44	.101	26	33	.54	43	.03	~~6~~	.98	.01	.05	1	9
0+00 3+00N	1	10	2	45	.2	12	3	120	1.94	4	5	ND	2	6	3	3	2	28	.03	.062	15	26	.20	36	.01	13	.86	.02	.02	2	9
0+00 2+75N	5	26	17	150	.7	33	9	602	6.77	18	5	ND	4	17	1	2	3	76	.11	.189	12	77	.39	74	.06	2	1.63	.01	.04	1	1
0+00 2+50N	15	126	19	354	.9	58	39	1913	17.94	3	5	ND	11	7	4	2	2	15	.13	.255	10	19	.18	43	.01	2	1.16	.01	.02	1	1
0+00 2+25N	22	160	37	392	2.7	105	22	1057	7.48	10	5	ND	8	17	3	2	2	31	.19	.112	18	61	.45	65	.03	6	1.27	.01	.04	1	16
0+00 2+00N	12	36	21	159	2.8	34	11	569	7.09	8	5	ND	6	15	2	2	2	79	.09	.149	9	75	.26	48	.08	8	1.04	.01	.04	1	2
0+00 1+75N	13	51	24	196	1.7	36	9	592	6.62	9	5	ND	4	10	1	2	2	59	.06	.209	13	34	.21	54	.05	2	1.00	.01	.04	1	1
0+00 1+50N	20	79	22	242	1.6	61	14	458	9.03	9	5	ND	5	13	1	2	2	49	.12	.216	9	95	.32	49	.08	5	1.44	.01	.03	1	5
0+00 1+25N	7	39	11	156	2.2	34	11	516	5.92	16	5	ND	1	20	1	2	2	49	.17	.108	14	55	.46	63	.04	2	1.36	.01	.04	1	2
0+00 1+00N	6	33	6	129	2.1	31	12	425	5.98	10	5	ND	4	24	1	2	2	81	.19	.106	9	116	.47	61	.09	2	1.25	.01	.05	1	3
0+00 0+75N	6	44	16	180	2.3	43	12	412	5.80	7	5	ND	4	29	3	2	2	71	.21	.058	10	113	.65	98	.09	18	1.55	.02	.07	1	10
0+00 0+50N	4	32	5	75	.4	27	10	401	4.63	9	5	ND	3	37	1	2	2	85	.29	.038	11	117	.65	119	.13	8	1.39	.02	.08	1	2
0+00 0+25N	2	34	2	67	.8	27	11	472	2.28	5	5	ND	1	38	2	2	2	62	.43	.031	10	107	.62	99	.09	10	1.08	.01	.07	1	1
0+00 0+00N	3	23	2	57	.4	27	10	310	3.80	8	5	ND	1	37	1	2	2	96	.30	.023	7	130	.59	97	.13	3	.95	.02	.05	1	2
0+00 0+25S	2	74	10	102	.3	54	20	473	4.49	10	5	ND	3	37	1	2	2	74	.48	.056	7	184	.97	83	.10	14	1.61	.02	.10	1	13
0+00 0+50S	2	69	2	113	.6	55	16	234	3.11	16	5	ND	1	39	1	2	2	75	.41	.054	9	143	.77	104	.08	2	1.43	.01	.10	1	2
0+00 0+75S	5	24	16	59	1.3	19	7	229	3.42	10	5	ND	2	35	1	2	2	86	.38	.045	11	96	.29	78	.10	2	.75	.01	.06	1	151
0+00 1+00S	2	30	7	88	.6	33	15	351	5.19	12	5	ND	3	29	1	2	2	84	.33	.059	5	145	.62	53	.09	7	1.02	.02	.05	1	2
0+00 1+25S	1	46	9	71	.6	37	13	334	3.83	6	5	ND	3	34	1	2	2	67	.38	.042	9	114	.68	58	.08	19	1.11	.02	.06	1	3
0+00 1+50S	4	39	8	60	.1	26	9	326	4.34	6	5	ND	2	38	1	3	2	90	.35	.039	10	114	.48	83	.14	15	1.08	.01	.08	1	7
0+00 1+75S	4	92	10	115	.6	57	20	893	4.32	7	5	ND	2	40	1	2	2	76	.44	.048	12	145	.76	145	.09	2	1.69	.01	.11	1	6
0+00 2+00S	4	60	13	104	.2	52	21	691	4.49	8	5	ND	4	43	3	2	2	81	.44	.042	11	131	.98	107	.12	12	1.65	.02	.09	1	5
0+00 2+25S	4	32	9	76	.4	33	10	328	3.91	4	5	ND	3	40	1	2	2	66	.34	.028	12	85	.62	58	.11	4	1.11	.01	.06	1	26
0+00 2+50S	2	30	5	75	.8	28	9	339	3.56	2	5	ND	4	37	1	2	2	67	.30	.046	11	94	.64	76	.09	9	1.20	.01	.07	1	2
0+00 2+75S	4	52	10	75	.6	42	15	461	4.23	6	5	ND	6	41	4	2	2	71	.34	.038	12	96	.73	82	.11	15	1.40	.02	.09	1	10
0+00 3+00S	1	63	14	103	.5	53	19	713	4.29	9	5	ND	3	43	1	2	2	75	.50	.057	12	138	.87	122	.08	2	1.57	.02	.12	1	23
0+50E 0+00	3	38	7	86	.5	36	12	322	4.71	7	5	ND	3	38	1	2	2	94	.38	.047	8	136	.78	76	.15	8	1.23	.01	.07	1	2
1+00E 4+25N	4	65	13	153	.5	46	16	664	3.72	5	6	2	6	30	2	2	2	41	.52	.075	21	57	.78	70	.07	15	1.18	.01	.13	1	1
1+00E 4+00N	5	74	2	114	.3	41	14	535	3.53	6	5	ND	5	26	1	2	2	42	.39	.076	20	65	.74	72	.07	19	1.20	.01	.10	1	1
1+00E 3+75N	2	66	6	93	.4	51	14	732	3.41	12	5	ND	1	41	1	3	2	61	.61	.065	10	104	.67	110	.06	2	1.14	.01	.09	1	1
1+00E 3+50N	9	62	24	156	1.3	42	15	702	5.06	4	5	ND	7	21	3	2	2	37	.23	.085	17	66	.49	51	.04	13	1.10	.01	.05	1	9
1+00E 3+25N	6	110	19	233	.8	94	25	590	4.24	4	5	ND	13	19	1	2	2	27	.27	.088	24	73	.59	34	.04	2	1.68	.01	.06	1	31
1+00E 3+00N	2	21	13	54	.8	17	7	950	2.59	6	5	ND	2	28	1	2	2	70	.13	.061	12	71	.18	58	.11	12	.66	.01	.04	1	17
1+00E 2+75N	7	53	20	251	.6	64	17	521	4.13	4	5	ND	7	21	1	2	2	43	.20	.062	16	70	.53	54	.05	3	1.57	.01	.05	1	11
STD C/AU-S	19	63	39	129	7.1	68	28	1032	3.99	38	18	7	38	51	17	17	21	59	.48	.087	38	68	.89	177	.08	37	1.80	.06	.13	13	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
1+00E 2+50N	2	29	5	98	.7	33	12	275	3.64	8	5	ND	4	29	1	3	2	65	.23	.036	9	107	.68	55	.10	4	1.36	.01	.04	2	4
1+00E 2+25N	15	97	11	303	2.0	73	27	1182	11.31	2	5	ND	6	11	4	2	2	19	.16	.231	11	23	.18	72	.01	2	.81	.01	.02	1	1
1+00E 2+00N	3	42	2	124	.1	43	16	406	3.46	7	6	ND	4	39	3	4	2	61	.35	.054	14	97	.86	78	.11	7	1.32	.01	.05	2	4
1+00E 1+75N	3	60	5	107	.7	42	12	357	3.78	6	5	ND	2	32	1	2	2	69	.31	.039	11	150	.72	93	.08	9	1.27	.01	.06	1	1
1+00E 1+50N	2	62	2	74	.1	35	11	399	3.40	7	5	ND	4	31	2	6	2	69	.35	.053	10	106	.61	57	.07	2	.91	.01	.05	1	11
1+00E 1+25N	4	90	5	96	.3	47	15	707	4.25	9	5	ND	3	36	3	2	2	78	.40	.079	13	120	.73	95	.06	13	1.23	.01	.08	2	2
1+00E 1+00N	4	52	6	95	.1	46	13	491	3.85	9	8	ND	3	33	2	4	2	67	.35	.041	10	113	.73	72	.10	6	.96	.01	.06	1	9
1+00E 0+75N	1	57	9	93	.1	42	11	228	2.39	3	5	ND	3	36	2	3	2	58	.37	.052	11	113	.79	102	.08	7	1.26	.01	.08	1	16
1+00E 0+50N	6	74	4	113	1.0	55	28	1782	3.88	6	5	ND	2	37	3	9	2	80	.40	.056	17	144	.77	161	.07	2	1.75	.01	.11	1	1
1+00E 0+25N	3	33	2	61	.4	29	11	297	3.35	8	5	ND	1	32	1	2	2	69	.26	.019	12	102	.72	72	.12	2	1.18	.01	.05	1	16
1+00E 0+00	3	76	7	101	.8	45	15	221	2.99	7	5	ND	2	36	1	2	2	59	.39	.046	13	137	.71	121	.09	4	1.46	.02	.08	1	1
1+00E 0+25S	4	62	9	86	.1	44	16	619	3.88	11	5	ND	1	33	1	4	3	71	.33	.056	9	107	.72	104	.07	2	1.21	.01	.10	1	1
1+00E 0+50S	2	35	9	72	.3	32	14	443	4.09	10	5	ND	2	31	4	4	2	81	.26	.051	10	99	.61	62	.09	4	1.12	.01	.05	1	1
1+00E 0+75S	5	70	7	98	.3	45	15	699	3.68	9	5	ND	1	33	3	3	3	69	.31	.065	13	114	.76	115	.06	3	1.35	.01	.10	2	1
1+00E 1+00S	2	28	5	86	.8	23	9	464	4.06	7	5	ND	2	27	1	3	2	76	.22	.036	9	92	.45	115	.11	7	.91	.01	.04	3	1
1+00E 1+25S	2	22	6	46	.1	17	8	528	2.70	5	5	ND	1	25	2	2	2	62	.18	.044	8	81	.32	57	.08	5	.60	.01	.04	2	20
1+00E 1+50S	2	55	10	79	.1	37	13	450	3.70	8	5	ND	1	32	1	2	2	65	.35	.055	8	87	.65	80	.09	17	1.01	.01	.05	1	39
1+00E 1+75S	2	26	9	67	.1	26	9	218	3.92	7	5	ND	2	28	1	2	3	87	.26	.060	8	87	.49	47	.09	2	.81	.01	.03	1	1
1+00E 2+00S	3	57	11	74	.2	41	14	348	3.63	10	5	ND	3	33	1	2	2	56	.32	.064	11	83	.83	61	.08	4	1.26	.01	.05	3	1
1+00E 2+25S	2	53	4	74	.1	40	13	357	3.46	6	7	ND	2	31	2	3	2	55	.30	.060	10	78	.73	60	.07	10	1.05	.01	.06	1	1
1+00E 2+50S	1	45	2	70	.1	36	13	357	3.45	4	6	ND	3	33	1	3	3	57	.29	.047	10	81	.71	52	.08	10	1.16	.01	.06	1	2
1+00E 2+75S	8	149	7	160	2.7	98	27	504	4.44	24	5	ND	2	55	1	6	2	97	.69	.094	16	230	1.09	285	.07	2	2.83	.01	.23	1	5
1+00E 3+00S	2	60	12	69	.3	44	14	466	3.52	8	5	ND	2	32	1	5	2	70	.43	.061	7	88	.62	85	.06	11	.87	.01	.08	3	3
1+50E 0+00	6	147	13	137	2.3	67	13	674	3.39	18	5	ND	2	42	3	4	3	68	.58	.076	23	156	.79	209	.05	2	1.87	.01	.14	1	7
2+00E 3+25N	7	77	18	202	1.2	62	19	609	4.41	8	5	ND	10	19	5	4	3	32	.24	.071	32	50	.47	32	.04	6	.97	.01	.03	1	9
2+00E 3+00N	6	116	16	256	1.7	79	20	564	4.60	5	7	ND	8	26	7	2	3	38	.33	.065	40	66	.54	49	.04	12	1.05	.01	.05	1	5
2+00E 2+75N	5	67	10	130	1.1	53	15	306	5.17	10	5	ND	2	22	2	3	3	57	.24	.058	9	82	.44	27	.05	2	.89	.01	.03	1	1
2+00E 2+50N	3	49	27	125	1.8	58	19	595	5.15	11	5	ND	3	23	1	2	2	66	.24	.057	7	102	.59	50	.06	6	1.40	.01	.05	1	37
2+00E 2+25N	2	56	13	105	.1	51	17	550	3.65	9	5	ND	4	36	1	5	3	58	.38	.074	12	94	.89	69	.08	2	1.16	.01	.06	1	1
2+00E 2+00N	3	63	4	151	.5	58	15	445	3.87	11	5	ND	7	34	2	2	2	60	.26	.043	16	97	1.03	71	.12	7	1.61	.01	.08	1	8
2+00E 1+75N	9	59	23	335	1.2	70	16	3707	4.25	5	5	ND	3	24	17	2	2	51	.13	.076	16	77	.49	178	.04	3	1.36	.01	.05	1	3
2+00E 1+50N	3	56	11	101	.2	52	14	362	3.56	8	5	ND	5	33	2	2	2	65	.30	.038	12	96	.73	62	.09	9	1.04	.01	.04	1	185
2+00E 1+25N	8	93	15	162	.1	70	19	541	5.12	17	7	ND	4	23	2	2	2	58	.23	.056	11	88	.60	64	.06	3	.95	.01	.06	1	19
2+00E 1+00N	4	73	6	88	.2	53	15	487	3.31	9	5	ND	5	31	1	2	2	51	.38	.080	12	58	.53	58	.07	14	.69	.01	.07	1	4
2+00E 0+75N	3	52	19	101	.5	40	15	508	3.62	13	6	ND	3	32	1	2	3	69	.27	.048	11	96	.71	104	.07	3	1.15	.01	.09	1	7
2+00E 0+50N	2	68	12	105	.3	47	19	906	3.92	10	5	ND	2	34	1	2	2	62	.32	.060	11	94	.76	93	.06	2	1.19	.01	.10	1	22
STD C/AU-S	18	60	38	132	7.1	68	27	1022	3.86	36	17	7	38	50	19	16	20	58	.43	.084	38	61	.86	177	.08	32	1.63	.06	.12	11	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
2+00E 0+25N	5	54	6	107	.7	54	20	701	4.21	12	5	ND	3	39	1	2	2	75	.42	.051	9	136	.99	105	.09	9	1.49	.02	.08	1	190
2+00E 0+00N	5	76	13	97	1.0	59	18	907	3.93	7	5	ND	3	37	1	2	2	69	.48	.065	11	115	.80	105	.06	10	1.40	.02	.11	1	11
2+00E 0+25S	4	66	8	98	1.3	45	9	200	2.92	9	5	ND	1	40	1	2	2	64	.52	.058	16	104	.71	112	.05	2	1.39	.01	.08	1	2
2+00E 0+50S	4	71	13	156	1.2	57	13	175	2.28	5	5	ND	1	37	3	2	2	49	.46	.054	16	112	.73	133	.07	2	1.51	.01	.10	1	2
2+00E 0+75S	4	44	9	89	1.2	27	8	310	4.94	12	5	ND	3	26	3	2	2	68	.22	.054	15	73	.44	40	.09	2	1.10	.01	.04	1	4
2+00E 1+00S	5	78	5	99	1.0	50	17	745	4.32	8	5	ND	2	37	2	2	2	74	.44	.061	11	111	.77	121	.07	3	1.52	.01	.11	1	3
2+00E 1+25S	4	62	7	80	.6	44	16	617	3.83	7	5	ND	1	38	1	3	2	68	.44	.055	11	95	.70	96	.06	2	1.36	.01	.09	1	1
2+00E 1+50S	4	36	2	60	.1	23	8	308	3.04	4	5	ND	1	31	1	2	2	80	.31	.042	8	86	.33	94	.12	6	.67	.01	.03	1	4
2+00E 1+75S	4	96	5	88	.1	57	16	505	3.96	9	5	ND	4	39	1	6	2	63	.48	.069	13	87	.85	92	.10	4	1.34	.01	.09	1	10
2+00E 2+00S	3	45	5	68	.1	33	12	342	3.24	4	5	ND	1	41	1	2	2	57	.40	.056	13	67	.63	46	.09	2	1.03	.01	.05	1	11
2+00E 2+25S	5	54	5	83	.2	39	12	375	3.63	5	5	ND	2	41	3	2	2	64	.41	.046	15	84	.74	80	.09	2	1.30	.01	.06	1	2
2+00E 2+50S	5	100	2	103	.2	64	22	516	4.29	6	5	ND	3	39	1	2	2	70	.48	.063	12	130	1.06	87	.10	2	1.56	.01	.07	1	92
2+00E 2+75S	4	72	2	100	.6	54	17	621	4.56	5	5	ND	3	43	1	2	2	80	.52	.071	13	95	.88	113	.08	8	1.41	.02	.11	1	38
2+00E 3+00S	4	60	14	81	.3	43	16	578	3.87	8	5	ND	1	39	1	2	2	71	.40	.052	12	93	.76	98	.08	2	1.39	.01	.08	1	16
2+50E 0+00	5	100	7	118	.7	63	21	1018	4.21	13	5	ND	1	41	1	2	2	69	.60	.085	12	116	.90	128	.06	2	1.59	.01	.12	1	4
3+00E 3+00N	6	82	13	177	1.2	69	18	491	3.65	3	5	ND	12	25	4	2	2	28	.36	.074	31	31	.48	25	.05	2	.84	.01	.04	1	15
3+00E 2+75N	5	34	11	184	.3	76	16	465	6.68	2	5	ND	1	10	1	2	2	76	.10	.079	7	128	1.48	49	.11	7	2.26	.01	.04	3	1
3+00E 2+50N	22	126	35	390	3.1	95	19	958	11.67	3	5	ND	6	10	1	2	2	34	.08	.175	11	35	.27	30	.04	6	1.11	.01	.03	1	15
3+00E 2+25N	25	105	31	383	1.1	98	18	721	10.04	7	5	ND	2	10	1	2	2	34	.06	.135	10	41	.26	76	.03	11	1.39	.01	.03	1	5
3+00E 2+00N	24	86	48	397	1.5	82	19	511	13.75	4	5	ND	6	7	2	2	2	53	.03	.134	7	57	.40	40	.07	2	1.94	.01	.02	2	3
3+00E 1+75N	19	63	27	257	2.2	64	18	584	8.90	8	5	ND	8	9	1	2	2	53	.05	.139	9	62	.29	50	.10	5	2.10	.01	.02	2	1
3+00E 1+50N	34	113	41	461	1.8	112	18	532	11.38	7	5	ND	3	8	2	4	2	46	.04	.167	9	36	.22	33	.04	8	1.27	.01	.02	2	4
3+00E 1+25N	22	170	44	399	1.3	81	15	386	9.28	6	5	ND	8	11	1	2	2	32	.07	.118	16	49	.38	40	.02	5	2.30	.01	.03	1	10
3+00E 1+00N	14	53	14	180	1.1	41	7	343	6.04	2	5	ND	4	18	1	2	2	54	.10	.075	11	42	.38	50	.06	2	1.21	.01	.03	1	1
3+00E 0+75N	11	51	17	205	1.4	44	12	360	6.01	3	5	ND	3	11	1	2	2	43	.09	.087	9	60	.25	35	.08	10	1.40	.01	.02	1	180
3+00E 0+50N	16	46	25	231	1.6	44	13	774	7.22	6	5	ND	5	14	3	2	2	59	.10	.194	10	65	.33	52	.05	11	1.21	.01	.03	3	14
3+00E 0+25N	13	66	29	314	1.2	49	12	492	5.40	7	5	ND	4	17	1	2	2	46	.14	.082	15	44	.36	64	.03	3	1.15	.01	.04	1	5
3+00E 0+00N	7	92	18	98	.1	61	23	1059	4.30	13	5	ND	1	43	1	2	2	72	.43	.048	17	105	.85	137	.08	8	1.60	.01	.11	1	4
3+00E 0+25S	2	56	13	202	.4	53	21	459	3.60	9	5	ND	5	42	1	2	2	67	.39	.044	15	110	1.05	69	.13	2	1.61	.01	.06	1	3
3+00E 0+50S	4	54	14	107	.1	42	17	605	3.96	7	5	ND	2	39	1	2	2	73	.33	.034	11	102	.68	101	.11	2	1.46	.01	.07	1	32
3+00E 0+75S	3	74	14	102	.1	45	18	595	4.08	10	5	ND	1	38	1	2	2	74	.37	.052	10	105	.78	84	.08	10	1.41	.02	.10	1	17
3+00E 1+00S	6	28	13	82	.4	21	7	292	4.47	10	5	ND	1	29	1	2	2	64	.30	.052	13	66	.37	70	.08	2	.92	.01	.04	1	2
3+00E 1+25S	3	26	12	61	.3	20	8	430	3.71	5	5	ND	1	33	1	2	2	89	.23	.044	10	90	.37	60	.13	6	.92	.01	.05	1	220
3+00E 1+50S	4	55	15	106	.6	34	17	477	5.51	11	5	ND	2	36	1	2	2	95	.36	.041	7	105	.90	115	.17	11	1.37	.01	.05	2	8
3+00E 1+75S	3	80	4	73	.9	32	15	422	4.18	2	5	ND	5	28	5	2	3	70	.43	.047	7	87	1.02	74	.17	13	2.31	.01	.14	1	1
3+00E 2+00S	4	66	7	110	.4	49	21	810	4.65	16	5	ND	3	33	1	2	2	78	.26	.043	12	149	.97	71	.10	9	1.90	.02	.09	1	1
STD C/AU-S	19	62	42	132	7.2	68	28	1049	3.96	39	19	7	39	51	19	18	21	60	.47	.086	38	60	.87	178	.08	37	1.83	.06	.13	12	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
3+00E 2+25S	4	52	2	94	.3	42	14	548	3.53	8	6	ND	5	39	1	2	2	60	.44	.053	10	95	.78	108	.07	2	1.15	.01	.08	1	24
3+00E 2+50S	3	35	2	86	.3	32	14	380	4.55	8	5	ND	4	27	1	2	2	73	.33	.056	6	94	.46	71	.07	7	.82	.01	.04	1	1
3+00E 2+75S	3	24	2	65	.8	25	7	222	3.97	5	5	ND	8	29	2	2	2	69	.28	.049	8	82	.48	57	.07	3	.88	.01	.04	2	1
3+00E 3+00S	2	46	4	75	.9	38	12	428	3.26	3	5	ND	6	44	3	2	2	54	.46	.063	13	67	.71	66	.09	4	.96	.02	.08	2	23
3+50E 0+00	9	148	22	441	1.2	98	19	614	7.01	11	6	ND	17	19	5	2	2	33	.18	.076	19	58	.55	78	.03	2	1.76	.01	.05	1	26
4+00E 3+00N	8	64	18	157	.7	44	16	905	5.15	2	5	ND	7	12	1	2	2	29	.09	.062	24	38	.33	25	.03	6	1.15	.01	.02	1	1
4+00E 2+75N	18	39	19	136	.4	39	13	580	6.78	3	5	ND	6	12	1	2	2	50	.12	.055	9	44	.24	26	.08	2	.79	.01	.03	2	25
4+00E 2+50N	15	70	20	201	.9	61	12	854	6.94	4	5	ND	4	12	1	2	2	46	.08	.092	14	38	.14	64	.04	4	.88	.01	.03	1	18
4+00E 2+25N	14	150	34	331	.8	111	20	837	9.82	7	5	ND	5	11	2	2	2	23	.12	.152	10	48	.43	44	.02	3	1.67	.01	.03	1	580
4+00E 2+00N	12	60	19	172	2.2	54	10	353	4.96	5	5	ND	4	12	3	2	2	52	.09	.136	11	24	.26	32	.05	3	.61	.01	.04	1	4
4+00E 1+75N	97	130	240	526	3.9	207	14	440	10.19	2	5	ND	5	6	2	2	3	27	.05	.179	14	15	.04	27	.01	2	.86	.01	.04	1	94
4+00E 1+50N	15	67	16	299	2.8	28	16	906	8.41	5	5	ND	3	4	1	2	2	35	.02	.183	21	9	.06	43	.01	2	.42	.01	.02	1	1
4+00E 1+25N	33	29	31	186	2.0	43	6	321	4.90	3	5	ND	6	4	1	2	2	34	.02	.122	8	17	.07	24	.03	9	.51	.01	.02	2	1
4+00E 1+00N	10	40	14	116	3.1	36	11	1258	3.29	4	5	ND	3	6	2	2	2	29	.02	.049	13	21	.07	61	.02	2	.65	.01	.01	1	5
~~STD C/AU-S~~	~~19~~	~~61~~	~~37~~	~~134~~	~~7.0~~	~~68~~	~~27~~	~~1054~~	~~4.10~~	~~38~~	~~19~~	~~7~~	~~40~~	~~49~~	~~18~~	~~18~~	~~20~~	~~59~~	~~.46~~	~~.085~~	~~38~~	~~60~~	~~.91~~	~~186~~	~~.08~~	~~37~~	~~1.73~~	~~.06~~	~~.13~~	~~12~~	~~51~~
4+00E 0+75N	12	56	14	204	1.5	48	9	541	5.14	4	5	ND	8	18	1	3	2	44	.13	.128	13	48	.30	74	.04	3	2.23	.01	.05	1	1
4+00E 0+50N	14	64	24	211	3.9	59	16	1831	6.43	5	5	ND	4	12	1	2	2	49	.06	.117	12	40	.22	55	.03	2	.71	.01	.03	1	1
4+00E 0+25N	12	114	45	324	2.0	73	15	377	7.04	9	6	ND	8	23	2	2	2	46	.23	.098	17	65	.49	65	.05	2	1.26	.01	.05	1	1
4+00E 0+00	5	57	11	140	1.3	41	12	304	5.49	6	5	ND	6	32	1	2	2	64	.24	.065	9	80	.65	95	.08	7	1.67	.01	.05	1	4
4+00E 0+25S	10	25	13	66	1.9	22	11	240	3.92	4	5	ND	4	40	1	2	2	74	.37	.033	14	70	.33	131	.08	9	1.15	.01	.03	2	1
4+00E 0+50S	1	62	4	91	.7	48	8	151	1.85	12	5	ND	3	39	1	2	2	67	.46	.051	10	90	.78	138	.08	7	1.18	.02	.09	1	610
4+00E 0+75S	3	50	9	92	.2	36	17	374	3.42	11	5	ND	4	39	1	2	2	59	.36	.050	14	95	.85	70	.09	2	1.39	.01	.08	1	16
4+00E 1+00S	3	42	14	73	.8	39	15	368	3.97	11	5	ND	4	33	1	2	2	54	.34	.051	9	78	.58	46	.07	2	.99	.01	.05	1	12
4+00E 1+25S	4	56	14	104	1.1	41	15	715	4.38	8	5	ND	5	35	1	2	2	72	.36	.070	15	89	.57	106	.09	2	.98	.01	.06	1	9
4+00E 1+50S	3	39	2	67	1.3	34	11	284	4.01	6	5	ND	4	30	1	2	2	59	.35	.051	8	81	.48	40	.08	2	.85	.01	.04	1	5
4+00E 1+75S	5	72	5	96	1.4	43	19	933	4.65	4	5	ND	3	34	1	2	2	64	.35	.066	13	102	.68	117	.08	2	1.41	.01	.09	1	7
4+00E 2+00S	4	42	9	69	.7	30	12	372	5.68	8	5	ND	4	29	1	2	2	86	.29	.039	8	115	.50	64	.12	4	1.10	.01	.04	1	98
4+00E 2+25S	6	48	7	78	1.5	32	12	500	4.46	4	5	ND	5	35	1	3	2	75	.31	.036	11	85	.67	125	.13	3	1.32	.01	.08	1	2
4+00E 2+50S	3	63	2	82	.4	41	13	395	3.97	9	5	ND	4	39	1	3	2	61	.34	.050	15	80	.78	89	.10	2	1.40	.01	.08	1	5
4+00E 2+75S	4	47	12	105	.4	39	14	517	4.62	7	5	ND	3	41	1	2	2	74	.48	.061	11	98	.75	155	.09	2	1.30	.01	.07	1	4
4+00E 3+00S	5	71	12	92	.8	44	18	721	4.08	7	5	ND	3	39	2	2	2	68	.37	.049	14	106	.80	119	.09	2	1.51	.01	.10	1	32
4+50E 0+00S	2	7	11	26	1.0	6	2	77	1.02	2	5	ND	2	26	1	2	2	35	.11	.023	13	25	.11	73	.07	2	.65	.01	.03	4	11
5+00E 1+50N	8	70	7	127	.1	53	9	225	7.12	6	5	ND	6	17	1	2	2	44	.10	.074	16	63	.53	95	.06	2	1.60	.01	.04	1	2
5+00E 1+25N	15	70	26	338	.6	30	16	906	10.87	3	5	ND	3	7	1	2	2	23	.04	.107	9	12	.08	66	.01	2	.64	.01	.02	1	1
5+00E 1+00N	20	46	5	195	.4	31	8	113	3.69	2	5	ND	2	6	1	2	2	37	.03	.038	23	9	.02	33	.02	2	.16	.01	.02	1	1
5+00E 0+75N	24	120	32	530	3.4	109	25	1150	11.41	10	5	ND	3	14	2	2	2	33	.11	.153	13	40	.31	49	.02	2	1.28	.01	.03	1	8
5+00E 0+50N	23	127	39	526	2.0	89	19	722	12.09	11	5	ND	5	13	3	4	2	40	.08	.092	16	52	.33	56	.05	2	1.67	.01	.04	1	35

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5+00E 0+25N	9	35	16	109	.1	23	6	261	3.36	2	5	ND	5	11	3	2	2	42	.06	.036	14	27	.15	31	.04	4	.58	.01	.02	1	1
5+00E 0+00	3	26	17	94	1.4	19	7	321	4.24	3	6	ND	4	26	2	2	2	64	.16	.055	9	66	.39	69	.11	9	1.23	.01	.04	1	1
5+00E 0+25S	3	38	2	122	.8	39	9	282	4.16	6	5	ND	4	32	2	3	2	54	.29	.057	10	85	.50	89	.07	8	1.51	.01	.05	1	1
5+00E 0+50S	10	76	28	108	2.0	50	28	744	5.35	15	5	ND	3	33	2	2	2	87	.36	.061	20	138	.88	119	.08	2	2.03	.01	.09	1	1
5+00E 0+75S	3	74	13	76	.6	33	8	188	2.23	6	5	ND	1	32	1	2	2	65	.25	.024	13	77	.46	107	.10	2	1.08	.01	.05	3	1
5+00E 1+00S	4	74	16	92	.4	53	16	765	3.57	6	5	ND	5	43	3	2	2	69	.49	.043	14	123	.84	126	.10	3	1.51	.01	.10	1	1
5+00E 1+25S	2	71	12	115	.1	67	17	466	2.88	6	5	ND	2	44	1	2	2	59	.54	.053	10	134	1.05	123	.09	2	1.60	.01	.10	1	1
5+00E 1+50S	2	81	7	118	.4	67	14	349	3.12	6	7	ND	2	40	1	3	2	64	.48	.058	13	138	.95	131	.09	2	1.65	.01	.11	1	2
5+00E 1+75S	5	100	13	122	.1	60	18	828	4.05	12	5	ND	7	34	1	2	2	54	.42	.070	18	67	.73	73	.08	7	1.10	.01	.08	1	55
5+00E 2+00S	1	68	13	88	.6	51	13	418	3.62	6	5	ND	3	36	2	3	2	68	.41	.053	10	119	.90	75	.08	7	1.45	.01	.09	1	43
5+00E 2+25S	2	63	6	80	.1	49	15	479	3.29	7	5	ND	4	40	3	4	2	61	.53	.064	9	88	.69	86	.07	9	1.01	.01	.09	1	28
5+00E 2+50S	1	61	8	81	.1	50	14	466	3.49	8	5	ND	2	41	2	2	2	70	.52	.061	9	87	.70	93	.08	3	.98	.01	.08	1	3
5+00E 2+75S	2	92	13	132	.1	82	23	709	4.27	12	5	ND	3	38	1	4	4	77	.35	.054	10	163	1.31	90	.11	4	2.04	.01	.11	1	3
5+00E 3+00S	1	104	11	141	.5	87	22	703	4.21	17	5	ND	4	44	1	2	2	78	.53	.063	10	159	1.28	192	.10	6	1.91	.01	.13	1	1
5+50E 0+00S	14	202	22	276	5.9	143	27	2308	6.28	13	5	ND	10	35	4	2	2	57	.50	.110	115	167	.74	180	.04	2	2.42	.01	.16	1	22
6+00E 2+50N	3	53	11	103	.1	35	9	375	2.58	4	5	ND	7	22	4	2	2	34	.38	.074	17	39	.58	48	.06	11	.87	.01	.09	1	12
6+00E 2+25N	8	98	27	238	.8	85	21	751	4.31	2	5	ND	13	19	2	3	2	30	.26	.065	61	37	.65	42	.05	2	1.15	.01	.04	1	620
6+00E 2+00N	5	115	45	202	1.7	97	20	788	4.57	4	5	ND	17	18	3	2	2	25	.21	.075	86	36	.58	56	.03	2	1.30	.01	.04	1	13
6+00E 1+75N	4	45	23	123	1.5	39	11	617	7.03	3	5	ND	5	15	2	2	3	51	.10	.122	19	55	.44	110	.10	2	1.44	.01	.06	1	1
6+00E 1+50N	4	71	21	196	2.5	59	11	246	5.07	2	5	ND	12	14	4	2	2	31	.11	.070	19	48	.57	63	.04	2	2.93	.01	.03	1	12
6+00E 1+25N	3	39	5	132	2.5	39	8	219	4.31	2	36	ND	20	22	16	5	2	40	.14	.073	14	54	.46	70	.06	40	1.20	.01	.08	2	3
6+00E 1+00N	1	41	6	101	.1	27	9	250	5.14	3	8	ND	6	29	5	2	2	73	.26	.135	10	65	.49	70	.07	2	1.28	.01	.06	1	55
6+00E 0+75N	1	35	11	107	.3	27	8	205	3.70	3	5	ND	3	25	1	2	2	68	.19	.073	10	57	.38	33	.08	2	.85	.01	.04	1	1
6+00E 0+50N	22	121	35	292	6.8	97	27	2862	7.50	12	5	ND	3	30	9	2	2	56	.37	.128	25	139	.48	245	.04	2	2.06	.01	.14	1	7
6+00E 0+25N	32	129	38	324	2.0	100	13	704	7.64	4	5	ND	5	14	2	2	2	40	.10	.111	15	56	.36	55	.03	2	1.20	.01	.07	1	12
6+00E 0+00	20	116	29	318	1.8	95	21	894	6.26	10	5	ND	6	23	5	2	2	42	.23	.081	22	65	.51	76	.04	9	1.37	.01	.07	1	14
6+00E 0+25S	8	165	13	163	.3	74	25	2487	5.35	16	5	ND	4	33	1	2	2	73	.35	.080	25	159	.70	164	.06	2	2.18	.01	.15	1	1
6+00E 0+50S	5	81	11	106	1.0	42	10	411	3.35	7	6	ND	3	28	3	4	2	51	.26	.067	18	100	.64	101	.05	3	1.57	.01	.08	1	5
6+00E 0+75S	3	66	17	109	.6	48	16	751	3.84	12	5	ND	5	38	3	2	2	69	.39	.051	13	119	.76	104	.09	4	1.48	.01	.10	1	1
6+00E 1+00S	4	55	11	102	.1	30	11	465	4.62	6	5	ND	1	36	1	2	2	77	.20	.035	8	75	.54	47	.14	3	1.21	.01	.06	1	35
6+00E 1+25S	5	83	16	116	.1	47	18	810	4.00	14	5	ND	3	38	2	2	2	72	.32	.036	15	121	.71	89	.10	2	1.53	.01	.09	1	1
6+00E 1+50S	23	110	34	254	3.1	76	20	1150	6.01	12	5	ND	5	32	3	2	3	60	.33	.063	16	99	.38	118	.06	2	1.34	.01	.08	1	8
6+00E 1+75S	21	123	26	247	2.5	91	25	729	5.80	3	5	ND	5	33	3	2	2	50	.27	.041	20	110	.57	90	.07	3	2.03	.01	.09	1	15
6+00E 2+00S	14	104	17	161	.1	69	17	1318	4.73	13	5	ND	6	36	3	2	2	53	.40	.067	18	81	.68	118	.07	8	1.17	.01	.08	1	8
6+00E 2+25S	2	54	9	67	.1	44	10	294	3.45	11	5	ND	3	34	1	2	2	73	.29	.049	7	122	.75	63	.10	3	1.23	.01	.10	1	1
6+00E 2+50S	3	89	18	107	.1	69	21	853	3.72	12	5	ND	2	44	1	2	2	69	.55	.054	12	141	1.00	157	.08	2	1.72	.02	.09	1	18
STD C/AU-S	19	61	38	128	7.0	67	27	1025	3.79	37	19	8	39	50	22	18	23	58	.48	.083	38	61	.89	177	.08	38	1.76	.06	.13	13	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
6+00E 2+75S	3	81	7	91	.3	52	17	533	3.51	12	5	ND	1	37	1	3	3	63	.46	.060	12	125	.80	111	.08	2	1.54	.01	.08	1	95
6+00E 3+00S	2	53	12	85	.1	39	19	1393	4.06	11	5	ND	1	30	1	2	2	69	.26	.080	11	107	.70	81	.07	11	1.40	.01	.08	1	1
6+50E 0+00	11	44	15	174	1.2	41	11	858	4.76	8	7	ND	1	23	1	2	2	56	.17	.059	13	64	.38	102	.06	9	1.28	.01	.05	1	1
7+00E 2+00N	15	96	27	212	.7	71	14	613	5.59	4	5	ND	4	17	1	2	2	26	.19	.105	26	30	.41	54	.03	6	.95	.01	.05	1	6
7+00E 1+75N	20	80	16	258	1.6	68	12	409	6.88	5	5	ND	5	21	3	2	2	26	.31	.176	19	36	.33	64	.02	2	1.57	.01	.03	1	7
7+00E 1+50N	10	65	11	158	1.9	52	13	513	5.98	3	5	ND	4	13	3	2	2	31	.10	.158	18	36	.34	56	.03	2	1.25	.01	.03	1	6
7+00E 1+25N	3	49	19	108	2.7	33	20	2897	6.33	2	5	ND	4	10	1	2	2	32	.05	.201	22	30	.29	70	.02	2	1.18	.01	.04	1	4
7+00E 1+00N	4	28	4	85	1.3	21	6	304	4.71	3	5	ND	1	16	1	2	2	42	.09	.066	13	49	.26	57	.06	8	1.06	.01	.03	1	1
7+00E 0+75N	6	37	13	143	1.3	32	8	388	6.14	7	5	ND	2	17	1	2	2	45	.14	.123	12	64	.43	63	.06	2	1.34	.01	.04	1	9
7+00E 0+50N	2	47	2	99	.7	41	12	291	3.53	4	5	ND	2	34	1	2	2	51	.32	.054	13	73	.57	81	.08	2	1.45	.01	.06	1	4
7+00E 0+25N	19	59	31	277	4.0	60	11	685	6.40	7	5	ND	4	15	1	2	2	43	.08	.079	14	49	.30	76	.04	2	1.41	.01	.04	1	1
7+00E 0+00	14	68	33	275	1.6	65	22	1213	12.31	7	5	ND	7	10	4	2	2	22	.13	.184	24	19	.09	37	.01	4	1.13	.01	.04	1	2
7+00E 0+25S	32	62	23	170	2.2	55	7	135	4.19	3	5	ND	3	16	2	2	2	30	.10	.062	13	21	.08	81	.01	8	.41	.01	.04	1	3
7+00E 0+50S	13	47	19	110	2.3	31	8	412	3.88	5	5	ND	1	18	1	2	2	51	.10	.056	13	45	.14	40	.05	2	.85	.01	.03	1	25
7+00E 0+75S	7	33	6	161	1.2	35	14	643	3.99	3	6	ND	3	34	1	2	2	59	.31	.045	12	81	.53	52	.07	13	1.11	.01	.06	1	3
7+00E 1+00S	4	49	12	111	.6	34	9	320	4.03	7	5	ND	2	24	2	2	2	49	.20	.062	14	53	.35	190	.04	2	.97	.01	.04	2	4
7+00E 1+25S	5	45	17	121	1.6	28	12	926	4.70	5	5	ND	3	22	1	2	2	68	.19	.088	13	60	.35	104	.09	7	1.04	.01	.06	1	5
7+00E 1+50S	4	35	22	125	1.0	29	12	515	4.86	6	5	ND	1	24	2	2	2	80	.19	.090	9	72	.31	103	.09	5	.84	.01	.05	1	6
7+00E 1+75S	6	50	16	187	1.5	41	16	511	5.68	11	5	ND	1	27	1	2	2	65	.32	.091	7	89	.55	91	.07	4	1.18	.01	.04	1	5
7+00E 2+00S	7	93	16	173	2.6	61	15	484	4.69	8	5	ND	4	27	2	2	3	32	.27	.089	15	53	.47	115	.03	8	1.33	.01	.05	2	4
7+00E 2+25S	6	53	26	172	2.1	44	13	1005	5.10	8	6	ND	3	27	2	2	2	55	.21	.045	11	73	.40	91	.06	2	1.34	.01	.05	1	8
7+00E 2+50S	10	50	18	81	2.4	21	7	233	2.90	4	5	ND	2	27	1	2	2	44	.29	.048	14	56	.26	55	.07	2	.80	.01	.05	1	9
7+00E 2+75S	4	110	11	113	.4	57	17	617	4.46	26	5	ND	3	31	1	3	2	78	.24	.040	11	132	.69	103	.11	10	1.93	.01	.10	1	3
7+00E 3+00S	3	103	6	102	.6	63	17	574	3.83	17	5	ND	2	41	1	2	2	68	.42	.066	14	104	.83	152	.08	2	1.53	.01	.12	1	18
7+50E 0+00	16	31	22	139	.9	30	6	194	4.20	3	5	ND	5	6	1	2	2	21	.03	.079	21	14	.09	28	.02	7	.51	.01	.03	1	2
8+00E 1+75N	18	54	21	132	.9	34	10	696	6.41	8	5	ND	3	10	1	2	3	24	.09	.169	15	27	.23	49	.02	14	.97	.01	.04	1	4
8+00E 1+50N	19	53	19	149	.6	43	9	490	6.00	7	5	ND	1	9	1	2	2	30	.05	.109	15	27	.18	33	.01	2	.91	.01	.03	3	4
8+00E 1+25N	38	100	48	377	1.8	114	21	1098	7.57	6	5	ND	7	15	1	2	2	34	.11	.174	17	42	.38	104	.04	3	1.34	.01	.04	1	4
8+00E 1+00N	8	79	21	228	1.9	72	11	400	5.36	6	5	ND	9	19	1	2	2	30	.17	.082	17	44	.52	74	.05	7	1.54	.01	.04	1	8
8+00E 0+75N	9	46	19	200	1.9	42	11	380	5.73	7	5	ND	5	15	1	3	2	41	.10	.128	16	52	.44	67	.07	14	1.65	.01	.04	1	3
8+00E 0+50N	4	26	14	116	1.5	21	8	1036	4.44	3	5	ND	4	17	2	2	2	54	.08	.145	13	51	.27	94	.09	2	1.11	.01	.05	1	2
8+00E 0+25N	12	32	11	114	1.5	41	5	197	2.51	2	5	ND	3	13	3	2	2	29	.07	.056	14	17	.08	27	.02	6	.50	.01	.03	1	8
8+00E 0+00	4	28	11	87	1.3	29	5	142	3.88	4	5	ND	6	13	1	2	2	47	.07	.067	15	27	.28	46	.05	6	.96	.01	.04	1	9
8+00E 0+25S	10	77	28	195	2.5	68	9	594	6.02	9	5	ND	2	14	2	5	2	36	.13	.090	12	45	.24	64	.03	13	.94	.01	.05	1	3
8+00E 0+50S	12	68	16	282	7.6	69	9	226	3.59	7	5	ND	3	12	2	2	2	17	.14	.066	15	37	.20	47	.01	6	.81	.01	.03	1	6
8+00E 0+75S	3	36	17	89	1.3	30	8	361	3.53	9	5	ND	4	34	1	2	2	51	.30	.065	10	61	.50	92	.07	2	.97	.01	.05	1	3
STD C/AU-S	18	62	39	132	7.3	68	28	1023	3.88	39	18	7	38	50	18	16	20	58	.47	.084	38	59	.86	177	.08	36	1.79	.06	.13	13	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
8+00E 1+00S	1	71	9	84	.2	50	13	457	3.20	7	5	ND	6	44	1	3	2	50	.38	.059	14	63	.53	49	.09	8	.98	.01	.05	1	1
8+00E 1+25S	3	42	19	146	1.0	32	13	648	4.81	8	5	ND	3	25	1	2	2	67	.19	.118	10	85	.31	171	.06	7	.90	.01	.04	2	1
8+00E 1+50S	2	34	3	185	2.0	35	14	665	4.30	11	5	ND	3	27	3	4	2	66	.23	.080	10	91	.41	65	.07	2	1.20	.01	.05	2	15
8+00E 1+75S	3	74	15	128	.6	54	13	539	4.04	5	5	ND	5	37	2	2	2	57	.33	.066	14	81	.59	80	.08	9	1.17	.01	.08	1	5
8+00E 2+00S	2	45	7	101	.4	36	19	584	3.61	7	5	ND	4	48	2	4	2	59	.40	.117	11	72	.53	71	.08	4	1.03	.01	.07	1	1
8+00E 2+25S	3	36	12	95	.8	31	11	303	4.16	6	5	ND	3	37	3	2	2	77	.26	.035	10	100	.54	65	.13	7	1.41	.01	.06	2	1
8+00E 2+50S	9	76	19	107	.6	49	21	775	4.09	8	5	ND	4	41	1	6	3	63	.32	.046	13	99	.61	100	.09	2	1.31	.01	.08	1	1
8+00E 2+75S	7	45	14	80	.8	27	12	643	2.93	8	5	ND	4	57	2	5	2	60	.48	.051	10	79	.45	130	.08	18	1.03	.01	.07	2	1
8+00E 3+00S	1	109	9	108	.1	58	19	596	4.15	4	5	ND	6	67	1	3	2	77	.59	.070	12	96	.81	166	.14	15	1.59	.02	.19	1	1
8+50E 0+00	2	112	34	191	1.2	100	15	890	4.67	5	5	ND	4	17	4	3	2	30	.11	.054	15	36	.30	59	.04	11	.87	.01	.05	1	3
9+00E 1+25N	6	78	19	128	.8	49	11	308	6.61	6	5	ND	7	12	4	2	2	23	.11	.081	27	35	.31	30	.02	8	1.30	.01	.03	1	1
9+00E 1+00N	31	85	26	277	.7	79	15	479	6.20	8	5	ND	6	12	5	2	2	29	.08	.062	23	35	.28	66	.03	6	1.58	.01	.04	1	1
9+00E 0+75N	49	119	36	361	2.1	164	20	694	7.60	7	5	ND	5	13	6	2	2	29	.08	.178	19	36	.25	71	.02	17	1.73	.01	.04	1	1
9+00E 0+50N	9	34	25	137	2.0	32	7	498	5.65	3	5	ND	4	11	5	5	2	52	.05	.150	15	34	.17	81	.05	6	.88	.01	.04	1	1
9+00E 0+25N	23	38	8	97	1.1	31	6	150	4.26	4	5	ND	4	19	2	2	4	54	.10	.064	16	33	.17	51	.06	12	.82	.01	.03	1	1
9+00E 0+00	4	46	26	128	1.0	31	11	250	7.81	5	5	ND	6	22	3	3	2	70	.13	.112	12	83	.30	62	.13	17	1.31	.01	.05	1	4
9+00E 0+25S	2	34	12	106	.3	39	5	210	2.56	2	5	ND	1	6	3	2	2	21	.05	.030	9	12	.04	24	.02	2	.18	.01	.03	1	1
9+00E 0+50S	4	68	20	132	.7	60	19	764	4.53	16	5	ND	3	37	1	5	2	70	.30	.061	13	126	.71	168	.07	2	1.64	.01	.10	1	9
9+00E 0+75S	6	27	23	79	1.6	21	5	317	3.40	7	5	ND	3	25	5	2	2	56	.15	.055	13	62	.22	49	.08	11	.64	.01	.05	1	10
9+00E 1+00S	6	53	19	143	1.5	45	14	567	5.17	8	5	ND	3	24	1	2	3	55	.22	.082	9	95	.42	89	.09	6	1.59	.01	.07	1	61
9+00E 1+25S	4	34	6	76	.9	26	15	748	5.33	6	5	ND	3	30	2	2	2	71	.23	.043	9	93	.36	56	.12	6	1.08	.01	.04	1	10
9+00E 1+50S	3	108	15	118	.3	63	17	633	4.13	6	5	ND	6	46	2	2	2	62	.45	.073	13	81	.65	96	.10	2	1.08	.01	.11	1	13
9+00E 1+75S	2	58	15	105	.7	45	16	438	3.98	6	5	ND	3	41	3	2	2	59	.35	.061	10	84	.52	48	.08	21	1.08	.02	.06	2	18
9+00E 2+00S	5	37	18	65	1.4	28	12	438	3.97	10	5	ND	3	35	4	8	2	64	.28	.037	11	84	.49	60	.09	2	.94	.01	.06	1	4
9+00E 2+25S	6	134	23	104	5.6	64	14	508	3.38	14	5	ND	3	38	2	2	2	61	.38	.063	20	191	.57	132	.11	6	1.72	.02	.11	1	20
9+00E 2+50S	4	74	8	128	2.1	56	18	601	5.29	14	5	ND	4	34	1	3	3	73	.37	.053	9	136	.92	89	.14	17	1.69	.01	.09	1	27
9+00E 2+75S	9	116	17	136	4.1	63	21	1219	5.13	8	5	ND	2	27	3	2	2	53	.21	.071	24	117	.48	91	.05	10	1.62	.01	.08	1	6
9+00E 3+00S	11	84	19	131	1.2	58	27	585	5.87	14	5	ND	2	38	2	2	2	79	.36	.065	20	160	.67	127	.07	16	1.73	.01	.10	1	4
9+50E 0+00	7	50	18	146	1.0	36	10	491	6.16	6	5	ND	3	15	2	2	2	49	.06	.066	14	40	.22	44	.07	18	.81	.01	.04	1	1
10+00E 0+75N	10	78	23	163	1.1	44	9	291	4.96	8	5	ND	5	13	4	6	2	22	.07	.071	10	28	.22	21	.03	9	.54	.01	.02	1	1
10+00E 0+50N	4	33	4	87	.7	36	8	234	3.58	3	10	ND	6	9	2	3	2	58	.03	.057	14	20	.06	14	.04	15	.33	.01	.02	1	110
10+00E 0+25N	5	62	25	165	1.0	49	10	441	6.98	4	5	ND	4	16	1	2	2	41	.07	.260	12	45	.27	44	.05	20	1.03	.01	.03	1	6
10+00E 0+00N	6	73	27	212	1.0	63	11	403	6.85	5	5	ND	4	11	4	2	4	29	.05	.131	12	33	.27	44	.03	2	.86	.01	.03	1	1
10+00E 0+25S	4	103	14	202	2.4	99	15	925	4.55	5	10	ND	4	39	5	2	2	33	.58	.122	35	86	.35	67	.03	2	1.07	.01	.04	1	7
10+00E 0+50S	4	48	21	110	.8	36	9	423	4.81	6	5	ND	2	21	2	2	2	34	.22	.054	16	38	.20	28	.04	11	.62	.01	.04	1	39
10+00E 0+75S	7	113	27	196	3.5	65	17	1033	5.29	10	5	ND	2	23	3	2	2	57	.17	.084	17	125	.33	88	.06	2	1.40	.01	.11	1	9
STD C/AU-S	18	64	41	132	7.4	71	28	1062	3.97	42	16	8	40	52	20	17	22	60	.44	.087	39	60	.81	180	.08	31	1.67	.05	.13	13	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
10+00E 1+00S	17	95	33	274	2.5	85	24	1367	7.28	26	5	ND	1	32	1	2	2	46	.47	.099	15	102	.40	79	.02	9	1.30	.01	.05	1	10
10+00E 1+25S	6	67	21	189	3.3	60	11	455	4.78	14	5	ND	1	43	1	2	2	57	.63	.089	11	113	.50	112	.05	7	1.40	.01	.06	1	1
10+00E 1+50S	4	84	7	98	1.2	49	14	343	4.18	8	5	ND	3	34	1	2	2	60	.33	.045	10	73	.60	58	.09	15	1.17	.01	.06	1	2
10+00E 1+75S	8	206	17	117	6.8	70	14	134	3.12	12	5	ND	1	28	2	2	2	70	.23	.084	25	148	.39	107	.07	5	2.24	.01	.07	1	1
10+00E 2+00S	6	55	29	176	1.3	38	19	738	6.74	19	5	ND	1	23	1	2	2	78	.21	.083	7	115	.57	65	.09	19	1.41	.01	.04	1	1
10+00E 2+25S	8	58	19	131	1.0	36	15	775	4.94	11	5	ND	2	23	1	2	2	66	.15	.075	12	78	.39	67	.08	16	1.18	.01	.04	1	3
10+00E 2+50S	8	69	24	172	3.4	56	22	970	5.50	7	5	ND	1	32	1	2	2	53	.30	.067	11	97	.59	78	.07	24	1.86	.01	.07	1	2
10+00E 2+75S	10	133	22	281	.8	88	24	886	4.84	7	5	ND	4	32	1	2	2	56	.32	.069	13	82	.72	70	.08	13	1.67	.01	.07	1	4
10+00E 3+00S	44	103	59	342	1.2	110	18	703	7.53	12	5	ND	2	24	1	2	2	50	.25	.076	11	102	.47	68	.04	6	2.42	.01	.05	1	6
10+00E 3+25S	4	37	17	76	1.1	29	11	438	4.21	7	5	ND	2	25	1	2	2	95	.17	.034	10	77	.25	75	.13	6	.71	.01	.05	2	1
10+00E 3+50S	4	63	20	139	1.3	55	18	629	5.38	13	5	ND	2	26	1	2	2	72	.30	.104	8	123	1.02	77	.07	10	1.75	.01	.08	1	8
10+00E 3+75S	3	37	14	88	1.1	39	14	746	4.47	14	5	ND	1	32	1	2	2	81	.39	.055	6	119	.73	209	.14	11	1.07	.01	.06	1	1
10+00E 4+00S	4	71	11	115	.6	52	22	865	4.70	18	5	ND	2	29	2	2	2	78	.24	.065	13	127	.95	83	.07	12	1.94	.01	.10	1	4
10+00E 4+25S	9	65	15	111	.2	43	17	747	7.55	15	5	ND	2	26	1	2	5	118	.18	.055	13	154	.78	58	.17	4	1.78	.01	.09	1	36
10+00E 4+50S	9	67	19	148	.5	55	16	558	4.90	8	5	ND	3	25	2	2	2	55	.20	.038	16	81	.63	85	.07	8	1.37	.01	.06	1	2
10+00E 4+75S	4	70	25	140	.6	81	21	622	4.61	5	5	ND	3	34	1	2	3	59	.34	.045	9	88	.87	77	.10	18	1.83	.01	.07	1	4
10+00E 5+00S	5	42	8	87	1.5	38	10	379	5.30	10	5	ND	1	31	1	2	2	79	.26	.118	8	92	.65	45	.08	10	1.40	.01	.06	1	39
10+00E 5+25S	7	62	12	64	.5	35	21	1411	4.26	12	5	ND	2	30	1	2	2	84	.21	.045	16	107	.47	105	.13	2	1.19	.01	.05	1	1
10+00E 5+50S	3	32	17	75	.3	26	13	531	3.10	10	5	ND	1	32	1	2	2	67	.26	.056	11	76	.54	97	.07	14	.93	.01	.08	1	62
10+00E 5+75S	6	56	25	92	.8	43	14	452	4.38	13	5	ND	3	40	1	2	2	67	.32	.037	13	83	.75	108	.11	15	1.32	.01	.08	1	5
10+00E 6+00S	4	82	16	95	.8	47	21	722	4.53	18	5	ND	4	30	1	3	2	79	.25	.033	12	117	.85	69	.12	14	1.56	.01	.07	1	5
10+00E 6+25S	3	44	17	66	.7	37	13	352	4.28	12	5	ND	2	34	1	2	2	83	.34	.039	10	96	1.08	64	.13	10	1.58	.02	.06	1	1
10+00E 6+50S	3	69	6	84	.9	45	20	591	4.04	11	6	ND	7	40	3	2	3	64	.45	.085	16	84	.84	66	.09	7	1.29	.02	.08	1	2
10+00E 6+75S	4	49	16	77	.4	39	13	361	3.90	10	5	ND	6	36	1	2	2	62	.31	.041	12	78	.72	73	.09	10	1.32	.02	.06	1	45
10+00E 7+00S	6	78	24	124	.9	58	18	577	4.44	19	5	ND	6	37	2	2	2	63	.32	.055	16	80	.87	107	.09	2	1.57	.02	.10	1	3
10+50E 0+00	8	48	34	121	1.4	30	11	322	7.81	8	5	ND	6	13	1	6	2	71	.07	.298	11	56	.31	58	.08	25	1.09	.01	.03	1	1
10+50E 7+00S	2	59	15	77	.3	46	19	511	4.03	11	5	ND	6	41	3	2	2	68	.49	.087	13	88	.94	77	.10	6	1.34	.02	.07	1	1
11+00E 0+75N	4	58	8	103	.5	36	11	421	3.18	6	5	ND	3	21	2	2	2	39	.35	.080	18	46	.64	51	.06	2	1.02	.01	.09	1	1
11+00E 0+50N	3	77	7	108	.9	69	15	1422	4.40	3	5	ND	6	31	1	4	2	37	.49	.086	13	51	.74	63	.08	17	.91	.01	.07	1	1
11+00E 0+25N	4	32	5	107	1.8	34	12	857	5.08	16	5	ND	5	29	1	2	2	92	.23	.122	10	116	.68	92	.11	6	1.11	.01	.06	1	1
11+00E 0+00	24	122	40	361	1.5	95	14	530	10.18	8	5	ND	6	15	1	2	4	40	.11	.076	8	79	.31	47	.07	4	1.26	.01	.02	1	5
11+00E 0+00 A	7	29	19	77	1.2	23	12	722	5.03	16	5	ND	4	26	1	4	2	114	.15	.058	9	110	.36	57	.17	14	.83	.02	.04	2	112
11+00E 0+25S	6	48	25	115	2.4	34	12	913	6.52	13	5	ND	5	21	1	2	3	69	.15	.107	7	91	.37	40	.09	6	1.02	.01	.03	1	3
11+00E 0+50S	10	83	25	233	2.2	66	14	598	8.72	7	5	ND	6	13	2	2	3	36	.07	.107	12	46	.33	66	.05	7	1.20	.01	.03	1	16
11+00E 0+75S	7	50	29	226	2.4	41	13	1151	7.12	4	5	ND	4	15	2	2	2	45	.08	.178	11	44	.23	76	.05	11	.89	.01	.03	1	1
11+00E 1+00S	5	52	9	158	1.5	43	14	358	6.72	9	5	ND	6	15	2	2	2	37	.08	.080	12	59	.46	54	.05	3	1.74	.01	.04	1	15
STD C/AU-S	18	61	38	132	7.6	68	28	1034	3.99	38	21	8	42	50	19	18	20	59	.45	.087	38	59	.89	180	.08	34	1.87	.06	.13	13	52

D.D. H. GEO-MANAGEMENT PROJECT-ARMADA FILE # 87-4260

Grid 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
11+00E 1+25S	4	42	8	98	.9	28	13	563	5.06	7	5	ND	1	24	1	2	2	74	.25	.096	4	81	.34	67	.08	2	.74	.01	.03	2	13
11+00E 1+50S	4	49	5	164	1.4	34	11	342	4.99	5	6	ND	2	26	4	2	2	49	.21	.063	7	74	.37	58	.06	2	1.12	.01	.04	2	3
11+00E 1+75S	2	42	4	87	.7	30	9	248	3.81	6	5	ND	1	29	1	2	2	61	.29	.063	6	74	.59	49	.08	2	1.11	.01	.04	1	1
11+00E 2+00S	2	45	2	72	.5	32	13	301	3.75	5	5	ND	1	44	1	2	2	62	.36	.058	8	80	.56	62	.09	2	1.20	.01	.06	1	1
11+00E 2+25S	4	71	17	177	1.1	45	16	646	5.39	7	8	ND	2	28	5	2	2	83	.27	.047	11	137	.65	52	.17	8	1.74	.01	.06	1	7
11+00E 2+50S	6	41	20	94	.4	30	9	366	5.00	15	5	ND	1	28	1	2	2	98	.25	.052	6	104	.38	74	.12	2	.75	.01	.05	1	50
11+00E 2+75S	8	90	21	158	.6	57	15	567	4.42	3	5	ND	3	27	1	2	2	47	.26	.069	13	59	.44	61	.06	2	.97	.01	.05	1	11
11+00E 3+00S	9	121	15	172	.6	73	24	1020	5.82	3	5	ND	10	22	5	2	2	34	.23	.069	18	46	.48	57	.04	10	.93	.01	.06	2	24
11+00E 3+25S	8	91	10	171	.8	67	18	1009	5.51	5	5	ND	2	21	3	2	2	46	.19	.073	11	70	.41	58	.05	2	1.11	.01	.06	2	42
11+00E 3+50S	12	79	28	252	.8	48	10	467	8.06	6	5	ND	1	30	4	2	2	74	.34	.106	9	86	.36	104	.11	2	1.22	.01	.07	1	4
11+00E 3+75S	4	20	3	67	1.4	14	6	190	2.23	2	5	ND	1	30	3	2	2	56	.17	.024	11	38	.10	48	.09	6	.56	.01	.02	1	3
11+00E 4+00S	27	63	17	190	1.7	45	11	595	5.01	4	5	ND	2	25	2	2	2	49	.20	.097	8	58	.29	92	.04	2	.94	.01	.06	2	14
11+00E 4+25S	3	56	5	84	.7	27	11	529	4.07	3	5	ND	1	26	3	2	2	71	.44	.064	5	94	1.19	93	.19	2	1.40	.01	.12	1	3
11+00E 4+50S	3	32	10	69	.4	20	7	267	3.20	2	5	ND	4	23	3	2	2	56	.15	.050	17	46	.15	55	.06	11	.45	.01	.04	2	37
11+00E 4+75S	3	39	7	72	1.3	27	9	353	3.34	4	5	ND	2	39	2	2	2	61	.29	.043	10	78	.56	53	.09	2	1.32	.01	.05	2	34
11+00E 5+00S	1	30	11	60	2.0	26	10	530	2.83	2	5	ND	3	37	3	2	2	57	.34	.064	9	73	.56	82	.08	2	.95	.01	.07	1	24
11+00E 5+25S	1	33	2	66	.9	26	11	850	4.08	2	5	ND	1	31	1	2	2	101	.30	.063	4	97	.57	114	.17	2	1.10	.01	.06	1	4
11+00E 5+50S	1	58	2	125	.6	42	15	466	4.61	2	5	ND	2	52	1	2	2	70	.50	.067	4	111	1.29	86	.17	2	2.07	.01	.07	1	25
11+00E 5+75S	3	27	2	77	1.7	28	8	217	3.72	3	5	ND	1	30	1	2	2	89	.27	.061	6	81	.57	70	.12	2	1.02	.01	.05	1	43
11+00E 6+00S	4	68	9	110	.1	53	13	422	4.35	10	5	ND	2	42	1	2	2	63	.50	.065	24	103	.69	103	.07	7	1.48	.01	.09	1	3
11+00E 6+25S	3	40	3	71	2.0	31	6	449	2.47	17	5	ND	2	26	2	2	2	37	.35	.039	17	46	.34	50	.03	11	.83	.01	.03	1	1
11+00E 6+50S	2	82	8	91	2.1	48	9	238	2.09	7	5	ND	1	37	1	2	2	37	.46	.069	26	124	.64	90	.05	2	1.74	.01	.09	1	3
11+00E 6+75S	5	61	8	67	.7	32	15	491	5.36	13	5	ND	3	32	3	2	2	96	.30	.055	16	106	.39	66	.14	2	1.22	.01	.06	1	1
11+00E 7+00S	5	64	10	97	.1	47	16	565	4.04	12	5	ND	2	40	1	2	2	60	.36	.044	15	89	.75	79	.07	2	1.45	.01	.08	1	32
11+50E 0+00	4	35	12	82	1.3	22	10	784	5.67	8	6	ND	4	15	2	2	2	83	.08	.197	7	71	.20	57	.11	12	.79	.01	.03	3	1
11+50E 7+00S	3	23	5	68	.4	18	7	424	3.36	11	5	ND	1	24	1	2	2	77	.18	.059	12	62	.30	75	.09	4	.67	.01	.05	1	2
12+00E 0+25N	4	97	11	149	..9	66	15	280	4.16	3	5	ND	6	26	1	2	2	44	.37	.072	20	64	.71	60	.09	2	1.18	.01	.09	1	205
12+00E 0+00	6	80	5	132	.7	55	15	341	4.34	6	5	ND	5	17	1	2	2	43	.22	.052	18	57	.77	59	.10	4	1.45	.01	.08	1	8
12+00E 0+25S	4	39	6	115	.5	35	15	331	4.05	5	5	ND	7	15	1	3	2	39	.20	.091	12	41	.37	45	.06	15	.81	.01	.06	1	13
12+00E 0+50S	10	108	20	322	4.2	69	25	1233	6.04	2	8	ND	3	41	8	2	2	38	.60	.111	24	87	.33	57	.04	12	1.61	.01	.04	1	3
12+00E 0+75S	8	58	17	129	.6	39	11	831	5.46	3	5	ND	3	20	2	2	2	53	.11	.058	12	51	.20	50	.09	2	.80	.01	.03	1	1
12+00E 1+00S	4	64	7	135	1.1	48	11	714	3.71	6	12	ND	2	53	5	3	2	52	.62	.087	15	94	.39	92	.04	9	1.09	.01	.07	1	4
12+00E 1+25S	6	45	21	79	.1	29	7	365	2.86	4	5	ND	1	18	2	3	2	40	.14	.046	11	31	.09	28	.08	6	.35	.01	.02	1	1
12+00E 1+50S	5	92	10	145	2.9	57	16	741	3.55	4	7	ND	1	43	3	2	2	43	.45	.129	26	112	.39	87	.03	10	1.28	.01	.07	2	1
12+00E 1+75S	3	79	6	121	.3	53	14	684	3.91	4	7	ND	1	52	4	2	2	50	.58	.068	8	71	.42	55	.05	10	.93	.01	.06	1	1
12+00E 2+00S	3	94	4	142	2.3	53	19	719	4.93	5	7	ND	3	44	3	2	2	54	.47	.064	14	118	.53	84	.07	8	1.51	.01	.07	1	94
STD C/AU-S	18	63	39	131	6.9	67	27	1025	3.89	36	15	7	39	49	19	16	21	58	.43	.083	37	61	.79	175	.08	32	1.62	.06	.13	13	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
12+00E 2+25S	4	66	8	111	.9	44	17	601	4.21	7	5	ND	3	59	1	2	2	73	.72	.054	9	104	.56	105	.07	9	1.33	.01	.09	1	17
12+00E 2+50S	5	157	2	172	4.7	81	23	1458	5.34	11	5	ND	4	59	3	3	2	74	.75	.101	12	155	.67	135	.06	16	2.09	.01	.13	1	6
12+00E 2+75S	6	183	2	155	3.7	67	19	864	5.35	13	5	ND	2	63	1	2	2	83	.71	.086	12	141	.47	122	.10	3	1.88	.01	.11	1	4
12+00E 3+00S	5	47	5	72	.2	30	10	296	5.44	5	5	ND	4	47	1	2	2	87	.41	.058	10	95	.42	55	.14	9	1.13	.01	.06	1	5
12+00E 3+25S	5	80	18	154	.5	54	20	942	4.73	6	5	ND	4	51	2	2	2	73	.40	.060	11	113	.64	122	.08	12	1.81	.01	.10	1	7
12+00E 3+50S	8	79	18	167	.7	66	26	1062	6.19	7	5	ND	7	23	1	2	2	41	.21	.088	17	87	.68	77	.04	28	2.43	.01	.08	1	10
12+00E 3+75S	8	87	8	129	1.5	51	18	536	5.09	7	5	ND	7	39	1	2	2	57	.41	.041	15	70	.53	90	.07	11	1.60	.01	.08	1	86
12+00E 4+00S	14	271	5	197	2.7	85	37	1553	8.27	16	5	ND	6	65	1	9	2	98	.73	.080	18	155	.71	229	.08	8	2.75	.01	.20	1	2
12+00E 4+25S	5	100	14	134	1.2	59	19	595	4.93	9	5	ND	3	61	1	2	2	81	.63	.051	11	124	.81	130	.09	10	2.07	.01	.15	1	3
12+00E 4+50S	6	72	7	147	1.0	48	31	903	7.03	11	5	ND	5	54	1	2	2	107	.59	.071	9	144	.77	98	.11	12	2.08	.01	.10	1	7
12+00E 4+75S	5	92	7	134	2.1	68	24	711	4.61	8	5	ND	1	47	1	2	2	66	.50	.070	12	134	.84	118	.07	5	2.05	.01	.10	1	1
12+00E 5+00S	4	64	11	136	1.8	60	19	379	3.92	8	5	ND	2	59	1	4	2	59	.68	.082	11	124	.80	100	.05	3	1.88	.01	.09	1	3
12+00E 5+25S	6	61	7	174	1.3	63	21	514	4.51	9	5	ND	3	56	1	2	2	60	.72	.089	11	124	.83	95	.05	12	1.66	.01	.09	1	920
12+00E 5+50S	4	62	16	150	1.4	78	16	614	3.52	6	5	ND	4	70	2	2	2	55	1.05	.098	10	139	1.02	73	.06	8	1.66	.01	.11	2	9
12+00E 5+75S	8	155	9	216	4.1	122	25	2198	5.41	8	5	ND	4	85	5	2	2	60	1.12	.111	33	181	1.01	187	.05	8	2.77	.01	.19	1	2
12+00E 6+00S	8	62	10	152	.1	43	13	389	6.64	14	5	ND	6	39	1	2	2	121	.46	.056	12	116	.57	80	.16	6	1.39	.01	.06	1	4
12+00E 6+25S	4	136	23	267	4.7	98	25	1393	4.80	12	5	ND	5	73	8	6	2	63	.88	.074	62	102	.78	135	.07	9	2.26	.01	.12	1	2
12+00E 6+50S	2	151	25	752	4.1	163	24	1449	4.58	11	5	ND	8	72	15	2	2	49	.99	.080	96	102	.47	87	.08	12	2.33	.01	.05	1	1
12+00E 6+75S	6	91	24	419	1.1	105	32	1218	6.74	43	5	ND	6	30	3	2	2	65	.26	.098	37	112	.82	74	.04	7	2.31	.01	.08	1	1100
12+00E 7+00S	13	88	23	349	3.0	89	16	656	6.53	67	5	ND	9	31	1	2	4	60	.21	.095	19	79	.65	178	.06	9	2.07	.01	.08	1	44
12+50E 7+00S	5	31	12	96	1.1	24	9	1198	3.70	12	5	ND	3	23	2	2	2	60	.12	.043	14	54	.39	76	.05	11	1.15	.01	.05	1	1
13+00E 0+00	5	92	22	169	1.3	48	10	313	4.73	5	5	ND	3	19	2	2	2	54	.20	.038	29	51	.47	57	.12	10	1.34	.01	.04	1	1
13+00E 0+25S	4	36	10	137	.8	27	10	368	4.59	5	5	ND	4	18	3	2	2	41	.20	.045	11	44	.48	56	.08	10	1.63	.01	.06	1	1
13+00E 0+50S	5	61	7	177	.8	63	12	192	3.71	6	5	ND	6	20	3	2	3	39	.35	.077	16	44	.64	52	.11	12	1.05	.01	.07	1	3
13+00E 0+75S	5	50	16	168	.1	45	15	534	4.31	4	5	ND	6	17	3	2	2	43	.19	.037	14	57	.74	51	.11	11	1.91	.01	.06	1	1
13+00E 1+00S	6	57	10	194	.5	50	11	441	3.99	6	5	ND	2	21	2	2	2	39	.34	.047	9	46	.49	51	.12	2	.92	.01	.04	1	1
13+00E 1+25S	9	73	36	162	2.2	50	26	3028	7.12	5	5	ND	2	9	1	2	2	35	.07	.296	10	40	.19	88	.03	2	.93	.01	.03	1	1
13+00E 1+50S	10	92	20	166	1.5	55	21	1431	5.68	4	5	ND	3	29	4	2	2	56	.19	.069	12	70	.31	61	.08	7	1.32	.01	.07	1	1
13+00E 1+75S	13	81	30	199	2.4	50	15	1131	5.87	5	5	ND	2	28	2	2	2	58	.29	.112	9	72	.26	72	.06	5	.83	.01	.07	1	1
13+00E 2+00S	19	127	39	274	1.3	77	27	1697	10.10	10	5	ND	5	19	1	2	2	55	.17	.117	10	113	.25	66	.07	2	1.36	.01	.05	1	15
13+00E 2+25S	11	252	15	262	7.0	124	21	2011	4.37	13	5	ND	4	62	5	5	2	41	1.09	.089	20	142	.49	152	.04	5	1.51	.01	.11	3	9
13+00E 2+50S	8	115	25	154	2.5	54	18	1186	4.41	9	5	ND	1	43	1	3	2	67	.49	.080	13	82	.33	93	.06	2	1.27	.01	.06	2	2
13+00E 2+75S	11	78	9	195	1.7	59	14	666	4.66	5	5	ND	2	34	1	2	2	54	.37	.081	11	69	.45	86	.06	5	1.13	.01	.08	1	1
13+00E 3+00S	3	59	14	229	1.0	42	21	990	5.89	7	5	ND	3	40	1	7	2	73	.56	.172	6	79	1.06	182	.10	5	1.89	.01	.09	1	9
13+00E 3+25S	2	54	5	97	.4	36	15	439	3.75	6	5	ND	1	47	1	2	2	63	.41	.058	8	75	.62	59	.10	2	1.34	.01	.06	1	7
13+00E 3+50S	6	58	12	142	2.0	31	18	1133	5.95	7	5	ND	4	35	2	2	2	89	.32	.094	8	111	.40	66	.11	4	1.19	.01	.06	1	1
STD C/AU-S	19	62	39	130	7.1	67	28	1045	3.92	42	20	6	37	50	17	18	22	59	.48	.086	38	61	.88	176	.08	39	1.80	.06	.13	13	53

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
13+00E 3+75S	5	137	13	310	2.1	92	25	1930	5.39	10	5	ND	3	49	2	4	2	63	.54	.127	12	141	.80	203	.05	2	2.58	.01	.17	1	10
13+00E 4+00S	2	87	6	160	5.4	59	8	207	1.69	4	5	ND	2	43	4	2	2	26	.50	.080	12	80	.47	196	.03	2	1.30	.01	.06	1	4
13+00E 4+25S	6	67	7	165	.9	54	19	934	5.07	2	5	ND	1	31	1	2	2	53	.34	.051	15	90	.59	102	.05	2	1.47	.01	.07	1	9
13+00E 4+50S	5	49	15	90	.3	32	14	565	4.08	4	5	ND	1	44	1	2	3	74	.37	.052	9	87	.52	84	.10	10	1.47	.01	.09	1	4
13+00E 4+75S	4	81	7	81	1.0	40	14	420	4.92	7	5	ND	4	51	2	2	2	86	.56	.053	10	95	.51	88	.12	12	1.35	.01	.08	2	4
13+00E 5+00S	6	120	8	186	1.9	77	28	1889	5.62	8	5	ND	1	69	5	2	2	76	.93	.143	9	150	.88	193	.04	9	2.29	.02	.14	1	91
13+00E 5+25S	6	115	8	74	2.6	51	11	488	3.19	6	5	ND	1	84	4	2	2	55	1.34	.078	8	94	.24	95	.06	2	.93	.01	.04	1	17
13+00E 5+50S	8	87	12	85	.8	42	9	237	4.46	5	5	ND	2	34	5	2	2	88	.20	.037	14	79	.21	116	.13	7	.96	.01	.05	1	6
13+00E 5+75S	5	95	7	123	2.1	63	28	759	5.42	12	5	ND	2	28	4	2	2	73	.30	.090	12	147	.72	88	.08	13	2.89	.01	.10	1	6
13+00E 6+00S	3	45	10	49	1.2	24	12	528	3.26	4	5	ND	2	44	3	2	2	81	.41	.049	9	73	.24	86	.11	8	.73	.01	.05	1	7
13+00E 6+25S	5	115	12	205	.8	65	30	2418	4.80	7	5	ND	1	80	1	2	2	64	1.17	.212	9	147	.90	173	.04	4	2.24	.02	.13	1	3
13+00E 6+50S	4	97	11	150	.8	62	25	1005	5.13	7	8	ND	3	56	8	2	2	79	.67	.081	11	150	.99	133	.07	13	2.11	.01	.10	1	1
13+00E 6+75S	5	74	7	191	.5	62	20	856	4.79	9	5	ND	1	58	2	2	2	70	.80	.077	8	159	1.10	100	.08	6	2.02	.02	.10	1	1
13+00E 7+00S	11	222	33	278	8.4	122	29	6583	4.39	6	5	ND	1	74	17	2	2	37	1.01	.151	671	97	.55	154	.04	2	2.24	.01	.06	1	15
13+50E 7+00S	4	56	11	63	1.1	30	11	351	5.63	7	5	ND	2	37	6	2	2	97	.39	.061	10	125	.51	71	.13	8	1.26	.01	.05	1	4
14+00E 0+50S	4	89	15	213	1.5	70	17	924	4.34	5	5	ND	1	40	5	2	2	46	.52	.081	12	67	.49	74	.05	2	1.13	.01	.05	1	2
14+00E 0+75S	4	90	8	391	3.9	123	17	810	3.32	2	5	ND	3	32	8	2	2	29	.60	.092	13	53	.53	63	.05	2	1.23	.01	.05	1	70
14+00E 1+00S	2	42	2	189	2.1	50	9	264	2.35	2	5	ND	5	19	1	6	2	21	.40	.093	17	30	.37	31	.04	2	.70	.01	.04	1	11
14+00E 1+25S	11	123	17	160	3.7	56	16	769	6.34	4	5	ND	1	16	5	2	2	45	.12	.058	10	63	.21	32	.08	8	1.28	.01	.03	1	9
14+00E 1+50S	7	49	19	90	.2	27	8	262	4.06	2	5	ND	6	9	3	5	2	34	.08	.033	25	16	.04	30	.04	8	.22	.01	.02	1	3
14+00E 1+75S	12	50	22	185	1.1	42	13	1065	5.95	6	5	ND	2	20	3	2	2	47	.15	.087	11	53	.27	48	.07	10	.89	.01	.04	1	7
14+00E 2+00S	6	107	13	162	.6	59	15	567	4.18	5	5	ND	1	32	1	2	2	46	.38	.064	12	62	.28	46	.06	2	.86	.01	.01	1	6
14+00E 2+25S	6	40	15	97	1.1	31	10	556	3.91	3	5	ND	2	21	2	2	2	56	.17	.103	10	41	.15	76	.06	3	.36	.01	.03	1	33
14+00E 2+50S	7	58	19	131	.7	44	15	618	5.14	3	5	ND	1	31	4	2	2	53	.43	.119	11	52	.30	50	.05	3	.69	.01	.03	1	41
14+00E 2+75S	9	47	16	125	.6	37	11	595	4.20	3	5	ND	3	24	3	4	2	54	.19	.090	14	39	.15	51	.07	8	.44	.01	.04	1	6
14+00E 3+00S	2	19	11	68	.5	19	8	695	2.75	2	5	ND	2	34	3	3	2	53	.37	.071	9	44	.15	100	.08	2	.49	.01	.04	1	2
14+00E 3+25S	5	37	9	118	2.3	37	17	542	4.46	3	5	ND	3	35	2	2	2	62	.35	.066	10	91	.53	63	.07	6	1.23	.01	.05	1	4
14+00E 3+50S	6	95	16	140	.1	51	20	511	4.33	3	5	ND	2	36	1	3	2	62	.45	.076	9	67	.74	56	.09	3	1.09	.01	.07	1	11
14+00E 3+75S	1	28	10	82	.8	26	9	224	3.88	4	5	ND	1	41	3	2	2	69	.42	.073	6	78	.59	61	.08	3	.99	.02	.04	1	10
14+00E 4+00S	3	44	7	77	.2	32	14	366	3.57	3	5	ND	3	49	3	3	2	68	.48	.044	8	73	.68	52	.12	7	1.12	.01	.06	1	124
14+00E 4+25S	3	47	2	102	.3	36	14	365	3.84	4	5	ND	3	45	2	2	2	62	.42	.052	10	70	.60	66	.10	2	1.37	.01	.06	1	13
14+00E 4+50S	3	67	15	86	.5	38	13	418	3.85	4	5	ND	2	47	1	2	2	73	.44	.044	10	75	.57	65	.12	4	1.27	.01	.08	1	7
14+00E 4+75S	3	56	7	94	.3	39	13	443	3.43	2	5	ND	4	47	1	2	2	59	.43	.031	12	59	.62	53	.12	8	1.02	.02	.07	1	11
14+00E 5+00S	4	140	16	118	1.2	50	20	913	4.89	6	5	ND	1	41	1	4	2	80	.31	.070	12	105	.45	77	.11	2	1.45	.02	.07	1	29
14+00E 5+25S	7	130	21	159	2.9	71	31	3004	5.76	8	5	ND	2	55	7	2	2	74	.73	.147	15	116	.54	169	.04	9	2.06	.01	.15	1	10
14+00E 5+50S	5	60	11	75	.8	31	12	541	3.99	6	5	ND	1	34	1	2	2	67	.32	.072	8	66	.29	74	.08	3	.75	.01	.04	1	3
STD C/AU-S	18	62	41	131	7.1	68	27	1025	3.96	37	18	9	39	50	18	17	22	58	.49	.086	36	62	.88	177	.08	37	1.83	.06	.13	13	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
14+00E 5+25S	5	134	16	208	2.2	78	26	1919	4.98	13	5	ND	4	57	7	3	2	64	.69	.117	12	148	.86	214	.05	6	2.33	.01	.15	1	4
14+00E 6+00S	7	157	7	194	2.3	87	25	1282	5.00	14	5	ND	2	55	4	2	2	64	.67	.108	14	224	.71	186	.06	2	2.33	.01	.13	1	14
14+00E 6+25S	5	49	13	87	.3	35	20	623	5.48	4	5	ND	2	36	5	2	2	93	.41	.068	6	145	.89	97	.11	2	1.51	.01	.06	1	1
14+00E 6+50S	2	59	3	55	.4	32	13	446	5.30	6	5	ND	4	41	4	2	2	116	.43	.095	7	144	.67	43	.14	2	1.41	.01	.06	1	5
14+00E 6+75S	2	43	2	66	.1	37	13	390	3.24	2	5	ND	5	50	1	2	3	62	.48	.039	12	67	.64	80	.09	2	1.15	.01	.06	1	3
14+00E 7+00S	2	50	7	137	.6	48	19	548	4.23	4	5	ND	3	62	3	2	2	68	.81	.060	8	117	1.01	77	.06	3	1.76	.01	.07	1	26
14+50E 7+00S	2	46	6	67	.7	35	17	519	3.94	4	5	ND	4	44	1	2	2	80	.45	.045	8	111	.77	93	.09	2	1.44	.01	.06	1	4
15+00E 1+00S	6	73	15	111	.7	48	12	349	3.37	3	5	ND	10	22	3	4	2	35	.37	.067	22	42	.66	61	.08	15	1.00	.02	.10	1	2
15+00E 1+25S	4	27	9	77	.1	29	13	271	3.76	2	5	ND	5	13	1	2	2	33	.23	.062	11	30	.35	42	.06	2	.68	.01	.04	1	54
15+00E 1+50S	10	79	18	226	3.1	50	16	495	2.61	2	5	ND	3	37	17	3	2	27	.65	.145	11	40	.38	111	.03	2	1.01	.01	.05	1	2
15+00E 1+75S	3	168	6	196	2.5	64	9	434	2.65	2	6	ND	3	52	5	3	2	34	.87	.155	13	99	.52	71	.05	2	1.53	.01	.05	1	12
15+00E 2+00S	11	116	18	461	7.7	110	27	1179	7.69	4	5	ND	4	30	11	2	2	38	.36	.091	7	75	.55	47	.06	2	2.85	.01	.04	1	43
15+00E 2+25S	9	127	17	275	5.1	101	37	1720	6.77	3	5	ND	5	38	6	2	2	28	.69	.144	9	88	.32	54	.03	2	2.80	.01	.03	1	15
15+00E 2+50S	17	73	37	192	1.0	53	19	1213	6.44	4	5	ND	4	24	9	2	2	61	.28	.074	13	52	.24	47	.07	3	1.02	.01	.04	1	1
15+00E 2+75S	9	136	10	311	4.4	101	25	1684	5.50	5	5	ND	2	44	7	2	2	45	.65	.129	12	98	.38	136	.04	2	1.77	.01	.07	1	9
15+00E 3+00S	22	50	17	157	.1	40	15	652	5.84	2	5	ND	1	21	2	2	2	55	.16	.070	13	45	.16	45	.07	2	.62	.01	.04	1	1
15+00E 3+25S	10	64	14	109	1.7	36	12	366	4.37	2	5	ND	3	40	3	3	2	56	.57	.066	16	68	.31	55	.06	2	.97	.01	.05	1	7
15+00E 3+50S	9	99	16	186	1.4	72	21	1877	4.38	5	5	ND	3	52	2	2	2	47	.78	.097	10	77	.61	103	.05	10	1.20	.01	.09	1	6
15+00E 3+75S	8	118	20	195	2.1	77	21	827	4.55	4	5	ND	5	42	5	2	2	52	.53	.103	14	87	.60	71	.05	4	1.30	.01	.07	1	9
15+00E 4+00S	6	76	13	106	1.2	38	22	1020	4.69	2	5	ND	5	37	5	2	2	69	.38	.087	12	81	.33	57	.07	8	1.25	.01	.06	1	2
15+00E 4+25S	3	64	3	90	1.0	29	16	589	3.92	2	5	ND	3	44	2	2	2	77	.41	.055	10	80	.42	53	.12	6	1.34	.01	.06	1	3
15+00E 4+50S	10	151	14	249	1.4	89	113	3125	9.33	8	5	ND	2	35	10	2	2	124	.39	.102	7	170	.76	150	.12	2	3.11	.01	.17	1	29
15+00E 4+75S	7	70	14	78	1.1	27	8	414	4.29	3	5	ND	5	36	4	5	2	77	.31	.128	11	71	.24	58	.09	10	1.02	.01	.06	2	60
15+00E 5+00S	11	218	7	394	2.5	112	40	2259	7.15	6	5	ND	5	54	8	2	2	78	.67	.170	12	177	.80	223	.06	2	3.52	.02	.19	1	36
15+00E 5+25S	4	43	12	86	.6	30	12	456	4.53	6	5	ND	3	51	5	2	4	77	.55	.056	8	80	.81	68	.16	2	1.54	.01	.07	1	4
15+00E 5+50S	5	69	20	73	.6	35	9	314	4.01	7	5	ND	2	45	2	2	2	74	.39	.052	9	65	.39	76	.10	2	.89	.01	.06	1	1
15+00E 5+75S	4	78	8	102	1.0	38	16	767	4.63	2	5	ND	4	40	4	2	2	81	.33	.061	10	95	.38	97	.11	3	1.35	.01	.09	1	1
15+00E 6+00S	8	55	21	112	1.6	32	13	1084	5.18	6	5	ND	5	34	6	2	2	52	.41	.082	15	49	.33	74	.06	5	1.02	.01	.06	1	1
15+00E 6+25S	3	64	16	113	.5	45	18	1048	4.30	3	5	ND	4	39	3	2	2	53	.38	.074	12	93	.57	104	.05	2	1.34	.02	.08	2	31
15+00E 6+50S	7	99	26	116	.5	43	10	348	5.24	7	5	ND	3	21	4	2	2	57	.13	.078	19	66	.24	54	.07	2	1.34	.01	.04	1	1
15+00E 6+75S	2	44	7	55	.1	35	11	338	4.24	5	5	ND	2	45	1	2	2	81	.42	.049	8	116	.74	105	.10	2	1.32	.02	.05	1	5
15+00E 7+00S	2	59	13	88	.7	38	17	692	4.69	3	5	ND	3	57	2	2	2	88	.64	.068	8	130	.72	72	.10	6	1.49	.01	.09	1	1
15+50E 7+00S	2	79	2	136	1.3	69	22	842	4.06	2	9	ND	4	63	4	2	2	70	.77	.082	8	153	.90	115	.07	8	2.02	.02	.08	1	6
16+00E 1+25S	5	25	7	35	.7	14	5	190	2.55	2	5	ND	2	22	1	2	2	49	.13	.041	7	32	.16	36	.10	2	.56	.01	.03	1	1
16+00E 1+50S	5	33	8	102	.4	32	19	373	4.64	2	5	ND	5	14	2	2	2	44	.21	.061	10	41	.36	24	.07	8	.96	.01	.05	1	34
16+00E 1+75S	14	120	22	263	1.0	88	19	1249	5.80	5	5	ND	6	12	1	2	2	26	.15	.130	11	31	.36	29	.04	4	.96	.01	.04	1	9
STD C/AU-S	19	61	37	129	7.0	65	27	1004	3.87	39	18	7	38	49	20	18	20	57	.48	.085	36	59	.86	175	.08	37	1.84	.06	.13	13	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
16+00E 2+00S	8	38	10	101	3.4	37	8	809	4.46	4	5	ND	4	11	4	3	2	41	.07	.162	12	35	.23	48	.04	9	.77	.01	.03	1	3
16+00E 2+25S	1	226	27	212	7.4	91	9	165	1.27	2	9	ND	2	64	6	2	2	25	.79	.123	10	82	.44	216	.03	2	1.55	.01	.08	1	59
16+00E 2+50S	5	126	12	198	4.0	58	17	1557	3.91	3	5	ND	1	45	3	2	2	44	.55	.175	12	97	.40	77	.03	4	1.65	.01	.06	1	4
16+00E 2+75S	11	63	11	123	.8	33	20	865	6.58	6	5	ND	1	29	1	2	2	101	.23	.067	7	104	.37	47	.18	6	1.07	.01	.03	1	2
16+00E 3+00S	23	97	28	197	1.1	47	22	1493	6.87	3	5	ND	3	35	3	2	2	78	.39	.065	13	69	.11	60	.16	10	.88	.01	.04	1	3
16+00E 3+25S	12	67	25	253	.7	63	14	906	5.03	4	5	ND	1	20	1	2	2	44	.15	.077	12	41	.25	56	.03	2	.66	.01	.03	1	6
16+00E 3+50S	10	46	16	143	8.1	39	7	756	3.43	3	5	ND	1	30	1	2	2	36	.30	.108	11	33	.23	80	.03	2	.46	.01	.04	1	25
16+00E 3+75S	4	40	5	80	.9	32	10	556	3.76	5	5	ND	2	34	2	2	2	74	.30	.054	9	87	.54	60	.11	12	1.04	.01	.06	1	310
16+00E 4+00S	7	78	6	137	1.0	58	26	2165	4.41	4	5	ND	3	54	2	3	2	51	.58	.096	11	72	.58	91	.07	5	1.02	.01	.07	1	12
16+00E 4+25S	2	70	12	81	.5	44	17	476	3.97	4	5	ND	1	54	2	3	2	68	.61	.085	9	82	.56	59	.07	2	.82	.01	.07	1	2
16+00E 4+50S	1	88	5	133	.6	57	15	644	3.76	5	5	ND	1	76	1	2	2	59	.97	.082	7	112	.62	122	.06	2	1.26	.01	.09	1	51
16+00E 4+75S	2	87	9	121	.9	48	16	500	4.29	5	5	ND	2	55	2	2	2	71	.51	.053	10	108	.63	100	.08	2	1.48	.01	.10	1	5
16+00E 5+00S	2	88	2	136	.9	51	20	632	4.05	2	5	ND	3	61	1	2	2	67	.57	.089	11	114	.73	127	.07	9	1.52	.02	.12	1	6
16+00E 5+25S	4	95	8	89	2.2	28	18	989	4.35	5	5	ND	2	29	2	5	2	76	.18	.075	13	110	.25	65	.09	12	1.18	.01	.07	1	2
16+00E 5+50S	3	128	3	185	.8	77	28	1441	4.89	4	5	ND	3	56	2	2	2	73	.51	.070	12	119	.89	175	.09	3	1.95	.01	.15	1	4
16+00E 5+75S	3	130	7	166	3.0	71	23	1590	5.13	8	8	ND	3	61	3	2	2	76	.59	.120	13	169	.76	177	.05	12	2.18	.01	.18	1	15
16+00E 6+00S	2	54	3	88	1.0	40	18	587	4.03	7	5	ND	2	48	1	2	2	67	.38	.045	11	103	.58	63	.09	2	1.27	.01	.08	2	1
16+00E 6+25S	3	48	8	63	.5	29	18	530	6.30	10	5	ND	1	35	1	3	3	90	.42	.151	5	112	.75	48	.12	2	1.27	.01	.05	1	1
16+00E 6+50S	1	54	2	56	1.1	30	13	602	5.10	6	5	ND	2	39	1	2	2	99	.37	.234	8	134	.60	77	.11	2	1.06	.01	.07	1	1
16+00E 6+75S	2	111	15	110	2.1	70	25	1095	4.53	6	5	ND	2	48	2	2	5	70	.58	.087	11	147	.86	147	.07	9	1.71	.01	.10	1	5
16+00E 7+00S	5	55	18	84	1.9	32	12	917	4.52	7	5	ND	2	32	1	2	2	94	.23	.047	14	90	.37	173	.13	3	.93	.01	.06	1	51
16+50E 7+00S	7	83	13	77	.8	38	16	740	7.01	8	6	ND	3	41	1	2	3	137	.42	.076	8	173	.58	119	.14	3	1.50	.01	.07	1	10
17+00E 2+00S	8	43	19	97	1.4	28	6	348	3.93	3	5	ND	3	13	1	2	2	32	.09	.058	10	36	.24	65	.05	2	.78	.01	.03	1	51
17+00E 2+25S	6	42	10	106	.9	33	7	625	3.90	2	5	ND	3	9	2	3	2	31	.04	.032	14	19	.09	47	.04	2	.50	.01	.02	1	7
17+00E 2+50S	6	79	12	147	3.2	44	11	568	3.50	2	5	ND	3	28	1	2	2	33	.29	.046	16	38	.22	70	.03	2	.95	.01	.03	1	8
17+00E 2+75S	4	177	15	248	2.8	71	10	192	2.75	9	5	ND	2	42	2	2	3	57	.43	.123	15	105	.54	136	.06	2	1.60	.01	.10	1	3
17+00E 3+00S	5	89	14	155	2.6	50	15	859	7.02	8	9	ND	3	36	1	3	2	53	.31	.059	7	75	.42	65	.12	4	1.04	.01	.04	1	4
17+00E 3+25S	5	101	3	133	.5	51	16	707	4.47	4	5	ND	1	49	1	2	2	69	.44	.070	11	109	.60	100	.07	2	1.40	.01	.09	1	12
17+00E 3+50S	7	39	14	73	.1	23	6	214	3.37	4	5	ND	2	33	1	2	2	66	.16	.089	10	47	.12	34	.09	8	.47	.02	.05	1	2
17+00E 3+75S	12	89	10	224	1.4	70	22	3417	6.03	4	10	ND	6	29	8	5	2	43	.28	.158	18	77	.35	103	.03	10	1.19	.01	.07	1	15
17+00E 4+00S	5	47	2	109	.4	35	14	835	4.26	4	5	ND	3	33	1	2	2	63	.26	.072	11	82	.41	65	.06	2	1.04	.01	.08	1	5
17+00E 4+25S	7	28	14	55	.9	15	4	147	2.62	3	5	ND	1	29	1	2	2	50	.18	.044	15	42	.14	63	.07	2	.53	.01	.04	2	17
17+00E 4+50S	5	31	11	83	.2	27	9	594	3.82	5	5	ND	3	36	1	3	2	69	.28	.050	11	62	.25	107	.10	7	.70	.01	.05	1	21
17+00E 4+75S	4	101	2	113	.6	50	16	486	4.01	5	5	ND	3	47	1	2	4	60	.50	.081	11	72	.57	68	.09	2	.98	.02	.10	1	12
17+00E 5+00S	4	72	10	119	1.2	43	10	347	4.48	8	5	ND	3	42	1	2	2	71	.43	.074	9	98	.50	103	.08	5	1.26	.02	.10	1	37
17+00E 5+25S	3	53	8	61	.7	30	12	394	3.40	5	5	ND	2	46	1	2	2	64	.42	.069	8	69	.44	69	.11	2	.87	.01	.06	1	18
STD C/AU-S	18	62	35	132	7.4	68	28	1041	3.94	37	15	7	40	51	16	17	22	59	.44	.087	39	61	.80	181	.08	33	1.66	.06	.13	13	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
17+00E 5+50S	1	70	15	88	1.0	28	17	584	5.95	5	5	ND	3	35	1	2	2	92	.46	.082	5	101	.80	72	.14	10	1.99	.01	.10	1	1
17+00E 5+75S	3	60	17	73	.6	42	16	434	3.56	6	5	ND	6	39	1	2	2	60	.40	.067	10	73	.52	55	.09	5	.97	.02	.07	1	37
17+00E 6+00S	3	149	18	103	2.1	64	32	1038	4.88	8	5	ND	4	44	1	2	2	77	.49	.066	14	135	.70	149	.10	11	1.98	.01	.13	1	6
17+00E 6+25S	3	39	5	51	.9	20	6	185	3.73	2	6	ND	4	32	1	2	2	89	.27	.028	9	67	.51	59	.19	7	1.06	.01	.06	1	4
17+00E 6+50S	2	60	5	68	5.6	34	14	504	4.79	7	5	6	4	37	1	2	4	84	.26	.057	12	97	.53	53	.13	2	1.12	.01	.07	1	3
17+00E 6+75S	1	47	17	52	.1	28	10	297	4.78	4	5	ND	3	33	1	2	2	89	.25	.078	9	112	.52	29	.11	2	1.08	.01	.04	1	2
17+00E 7+00S	3	89	9	80	.3	61	14	391	4.78	9	5	ND	2	29	1	3	2	81	.25	.030	8	170	1.04	52	.12	2	1.83	.01	.06	1	1
17+50E 7+00S	2	109	10	111	1.0	59	20	665	4.38	6	5	ND	3	37	1	2	2	75	.39	.087	10	129	.78	120	.07	2	1.60	.02	.12	1	290
18+00E 2+25S	2	105	11	109	.7	54	18	452	3.69	5	5	ND	4	44	1	3	2	46	.47	.069	12	47	.52	54	.09	2	.74	.02	.08	1	52
18+00E 2+50S	3	108	19	141	1.2	62	18	589	4.08	6	5	ND	6	43	1	2	2	46	.48	.074	13	46	.58	65	.09	4	.81	.02	.09	2	55
18+00E 2+75S	5	124	22	226	1.5	113	19	867	3.91	4	5	ND	10	28	1	2	2	28	.42	.077	18	34	.53	32	.06	7	.66	.02	.08	1	4
18+00E 3+00S	4	122	19	163	.9	71	16	481	3.56	3	5	ND	6	35	1	2	2	40	.37	.067	13	49	.55	48	.08	6	.85	.01	.07	1	40
18+00E 3+25S	4	82	10	169	.4	57	10	385	3.91	3	5	ND	1	21	1	2	2	34	.19	.104	10	45	.45	42	.04	2	.96	.01	.05	1	9
18+00E 3+50S	3	94	25	159	1.7	68	14	439	3.87	4	5	ND	4	23	1	2	2	32	.26	.071	12	49	.44	45	.05	5	1.11	.01	.06	1	7
18+00E 3+75S	5	129	8	162	1.4	64	19	1062	4.77	7	5	ND	1	45	1	2	2	72	.49	.099	14	128	.80	142	.06	2	1.69	.02	.13	1	5
18+00E 4+00S	4	83	2	121	1.0	48	18	692	4.10	6	5	ND	2	42	1	2	2	64	.46	.075	10	101	.56	95	.06	2	1.29	.01	.08	1	41
18+00E 4+25S	1	87	15	116	.2	43	19	687	4.35	6	5	ND	1	33	1	2	2	65	.27	.075	11	108	.60	71	.07	2	1.64	.01	.08	1	5
18+00E 4+50S	5	41	10	53	1.2	19	6	182	4.24	5	5	ND	4	34	1	2	2	76	.23	.029	8	65	.30	60	.17	6	.98	.01	.05	1	4
18+00E 4+75S	2	60	12	74	.4	28	14	438	4.64	2	5	ND	2	28	1	2	2	80	.24	.044	8	100	.32	38	.11	15	1.06	.01	.04	1	8
18+00E 5+00S	5	102	7	104	.3	55	17	447	3.99	5	5	ND	5	39	1	2	2	57	.46	.086	13	61	.56	51	.09	2	.81	.01	.07	2	27
18+00E 5+25S	4	113	8	93	.1	52	18	456	4.17	7	5	ND	5	44	1	2	2	62	.51	.092	13	74	.62	55	.09	13	.89	.01	.06	1	7
18+00E 5+50S	3	76	4	104	.7	40	18	934	4.15	6	5	ND	2	36	1	2	2	68	.34	.086	9	118	.58	65	.07	15	1.46	.01	.07	1	5
18+00E 5+75S	3	78	2	86	.8	48	17	735	3.62	2	5	ND	1	47	1	2	2	63	.61	.071	8	109	.63	104	.06	5	1.29	.01	.09	1	26
18+00E 6+00S	8	243	34	190	1.6	100	29	419	5.68	14	5	ND	1	40	1	2	2	95	.41	.122	16	210	.76	277	.07	2	3.16	.01	.24	1	5
18+00E 6+25S	3	55	6	85	.6	37	13	490	3.52	3	5	ND	2	38	1	2	2	61	.37	.052	12	71	.59	88	.09	2	1.08	.01	.08	1	4
18+00E 6+50S	2	32	5	64	.2	24	9	499	2.84	3	5	ND	1	33	1	2	4	63	.24	.040	11	56	.37	166	.07	8	.76	.01	.06	1	8
18+00E 6+75S	3	34	11	47	.7	22	6	237	3.64	3	5	ND	1	32	1	2	2	82	.25	.105	9	70	.26	46	.12	2	.61	.01	.05	1	3
18+00E 7+00S	2	72	9	69	.1	36	16	575	5.00	4	5	ND	1	33	1	2	3	91	.26	.046	8	126	.66	62	.13	2	1.37	.02	.07	1	9
18+00E 7+25S	3	42	6	51	.1	22	7	265	4.53	5	5	ND	1	35	1	2	2	93	.29	.169	9	92	.31	54	.10	2	.80	.01	.08	1	3
18+00E 7+50S	2	92	2	82	.7	47	20	730	4.34	7	5	ND	1	42	1	2	2	80	.47	.065	9	126	.74	116	.09	2	1.48	.01	.11	1	14
18+00E 7+75S	1	91	11	65	.5	49	24	743	4.14	7	5	ND	1	38	1	2	2	80	.42	.069	9	129	.82	104	.09	2	1.39	.03	.08	1	4
18+00E 8+00S	1	80	2	58	.3	47	18	550	3.99	5	5	ND	2	40	1	2	2	79	.47	.066	8	114	.83	82	.09	4	1.20	.03	.10	2	5
18+50E 7+00S	5	92	13	95	1.2	49	19	625	5.02	4	5	ND	1	34	1	2	3	85	.32	.070	14	138	.72	129	.10	2	1.78	.02	.13	1	8
19+00E 3+00S	3	59	10	75	.1	33	12	405	3.94	3	5	ND	1	32	1	2	3	62	.34	.063	8	72	.63	59	.08	3	.97	.01	.07	1	62
19+00E 3+25S	3	73	7	109	.6	50	14	573	3.69	5	5	ND	1	45	1	2	2	62	.55	.072	8	85	.61	96	.06	2	1.07	.01	.09	1	25
19+00E 3+50S	8	92	40	339	2.0	89	20	769	5.49	5	5	ND	1	30	2	2	2	31	.38	.089	11	35	.42	52	.04	2	.59	.01	.04	1	4
STD C/AU-S	18	62	36	132	6.9	69	28	1049	4.07	35	15	8	40	51	18	16	18	61	.46	.090	43	64	.83	180	.08	31	1.73	.06	.14	12	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
19+00E 3+75S	5	104	9	145	3.6	57	13	436	3.86	10	5	ND	4	30	1	2	2	40	.26	.044	11	51	.62	66	.07	14	1.27	.01	.06	2	1
19+00E 4+00S	5	113	4	219	1.2	111	16	640	4.53	8	5	ND	4	32	1	2	2	33	.29	.061	12	42	.58	64	.06	5	1.03	.01	.05	1	23
19+00E 4+25S	6	57	4	121	1.9	34	16	812	4.99	11	5	ND	4	31	1	3	2	57	.30	.050	9	81	.38	59	.09	9	1.22	.01	.04	1	1
19+00E 4+50S	3	30	14	72	.2	21	8	255	4.34	10	5	ND	2	31	1	2	2	63	.27	.053	6	71	.47	69	.11	2	.86	.01	.04	1	14
19+00E 4+75S	9	51	10	133	.1	30	13	439	6.12	12	5	ND	3	41	1	2	2	86	.42	.062	9	96	.58	83	.15	2	1.27	.01	.06	1	8
19+00E 5+00S	4	30	10	97	1.1	20	9	368	3.78	8	6	ND	3	37	1	2	2	67	.31	.053	6	75	.36	88	.12	2	.92	.01	.05	1	7
19+00E 5+25S	3	35	2	49	.2	22	7	263	3.36	10	5	ND	2	38	1	2	2	65	.34	.041	8	63	.46	62	.10	8	.81	.01	.04	1	2
19+00E 5+50S	2	33	11	59	.5	24	8	254	3.54	9	5	ND	1	37	1	2	2	77	.34	.033	7	77	.47	80	.10	3	.85	.02	.05	1	260
19+00E 5+75S	4	62	6	101	.6	43	18	579	4.25	11	5	ND	2	43	1	2	2	73	.44	.071	12	82	.70	85	.09	6	1.12	.02	.08	1	13
19+00E 6+00S	5	78	8	105	.9	41	23	815	4.60	10	5	ND	4	39	1	2	2	76	.36	.040	11	115	.72	89	.10	8	1.51	.01	.08	1	1
19+00E 6+25S	4	59	11	79	1.2	41	17	540	3.75	7	5	ND	2	40	1	2	2	65	.45	.066	8	93	.73	95	.07	5	1.09	.02	.09	1	4
19+00E 6+50S	8	60	18	101	.1	35	20	933	7.07	10	7	ND	3	30	1	2	3	163	.28	.067	8	124	.42	89	.30	4	1.01	.01	.05	1	23
19+00E 6+75S	6	86	8	123	.5	40	16	429	4.21	8	7	ND	3	48	1	2	2	72	.46	.048	12	92	.71	69	.12	7	1.14	.01	.06	1	160
19+00E 7+00S	2	74	9	89	.2	49	18	631	4.26	14	6	ND	2	39	1	2	2	76	.37	.056	10	109	.76	100	.07	2	1.29	.02	.08	1	34
19+00E 7+25S	5	103	14	104	.6	52	24	684	6.96	16	5	ND	4	38	3	2	2	101	.43	.069	10	117	.78	118	.12	9	1.75	.01	.12	1	5
19+00E 7+50S	1	78	13	87	.6	49	16	588	3.95	10	5	ND	2	49	1	2	2	69	.62	.064	11	102	.75	117	.07	2	1.30	.02	.11	1	114
19+00E 7+75S	4	78	7	89	.4	49	20	621	4.15	9	5	ND	2	49	1	3	2	73	.53	.066	12	111	.80	122	.08	2	1.48	.01	.11	1	10
19+00E 8+00S	3	52	2	32	.9	18	6	151	2.68	4	5	ND	3	38	1	2	2	77	.20	.026	12	71	.15	38	.13	2	.61	.01	.04	1	2
19+00E 8+25S	2	32	7	51	2.8	22	9	420	4.14	8	5	ND	4	37	1	2	2	84	.26	.096	11	93	.46	36	.12	7	.97	.02	.05	1	1
19+00E 8+50S	3	83	6	95	.1	51	18	576	4.19	11	6	ND	5	49	1	2	2	69	.46	.059	14	82	.86	115	.09	4	1.32	.02	.11	1	3
19+00E 8+75S	2	64	6	95	.1	44	20	486	4.30	9	5	ND	3	57	1	2	2	75	.66	.051	9	95	.80	68	.07	9	1.11	.02	.10	1	1
19+00E 9+00S	3	67	4	100	.4	55	19	525	4.27	14	6	ND	4	47	2	2	2	72	.48	.063	13	94	.88	101	.11	3	1.45	.01	.09	1	20
19+50E 7+00S	4	88	2	88	.5	49	20	728	4.07	8	5	ND	5	48	2	3	2	69	.54	.076	11	88	.67	79	.08	7	1.11	.01	.09	1	12
20+00E 3+25S	3	93	5	154	2.2	53	19	516	3.94	8	5	ND	3	47	1	2	2	44	.55	.066	17	84	.72	55	.05	10	1.21	.01	.07	1	4
20+00E 3+50S	8	53	10	123	3.7	44	11	525	5.11	8	5	ND	3	14	1	4	3	28	.14	.063	10	33	.36	22	.04	2	.92	.01	.04	1	1
20+00E 3+75S	8	110	15	209	3.7	87	15	839	5.75	11	5	ND	7	14	3	4	2	23	.09	.070	14	33	.46	39	.02	15	.91	.01	.04	1	10
20+00E 4+00S	11	45	18	151	..1	42	7	423	6.98	18	5	ND	5	16	1	3	2	54	.08	.154	12	33	.28	35	.07	3	.76	.01	.05	1	4
20+00E 4+25S	13	59	28	215	2.1	51	8	361	6.82	9	7	ND	3	17	2	2	2	59	.10	.201	11	42	.31	39	.06	12	.91	.01	.04	1	3
20+00E 4+50S	7	22	7	64	1.3	15	5	298	4.01	7	7	ND	4	28	1	2	2	88	.13	.054	10	37	.21	55	.13	3	.98	.01	.04	1	39
20+00E 4+75S	4	63	14	211	1.2	67	14	597	4.17	6	5	ND	5	27	1	5	2	39	.23	.081	13	54	.55	68	.06	3	1.75	.01	.06	1	9
20+00E 5+00S	2	50	2	104	.5	36	11	286	4.57	9	5	ND	3	35	1	2	2	66	.27	.045	8	74	.61	75	.11	2	1.16	.01	.05	1	2
20+00E 5+25S	3	94	2	81	.8	34	7	176	2.16	6	5	ND	3	38	1	2	2	52	.46	.079	13	73	.55	103	.06	2	1.03	.01	.06	1	7
20+00E 5+50S	1	46	8	64	.5	25	11	463	3.55	7	5	ND	3	41	1	2	2	67	.32	.053	10	67	.47	56	.08	9	.85	.01	.06	1	84
20+00E 5+75S	3	27	7	56	.2	23	8	203	4.22	3	5	ND	1	44	1	2	2	79	.38	.051	8	73	.59	60	.12	2	1.02	.01	.05	1	1
20+00E 6+00S	3	35	2	70	.3	25	12	340	4.07	9	5	ND	4	39	1	4	2	67	.35	.075	8	74	.65	83	.10	2	1.09	.01	.05	1	62
20+00E 6+25S	3	78	7	78	.4	39	16	528	3.74	9	5	ND	5	46	1	2	2	66	.47	.076	10	74	.72	74	.11	5	1.09	.01	.08	1	47
STD C/AU-S	18	57	42	131	6.8	67	27	1027	3.87	39	18	8	38	49	17	17	20	58	.44	.084	37	60	.87	176	.08	37	1.65	.06	.13	14	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
20+00E 6+50S	3	113	3	84	.3	46	18	551	3.98	5	5	ND	3	51	1	2	2	67	.58	.090	9	80	.74	80	.11	2	1.18	.01	.10	1	6
20+00E 6+75S	1	148	5	52	.2	45	19	444	3.30	2	5	ND	2	50	1	2	4	80	1.05	.122	3	169	3.27	23	.21	7	2.36	.02	.04	1	1
20+00E 7+00S	1	50	9	103	.5	29	14	467	5.19	5	5	ND	3	36	2	2	3	80	.30	.053	7	95	.78	76	.15	12	1.50	.01	.07	1	1
20+00E 7+25S	2	56	6	72	.5	36	13	419	4.37	6	7	ND	4	43	2	2	2	78	.38	.031	10	85	.62	74	.12	6	1.29	.01	.07	1	7
20+00E 7+50S	3	60	11	84	.1	36	14	315	3.92	6	5	ND	1	39	1	2	2	73	.31	.041	11	89	.65	82	.10	5	1.42	.01	.08	1	44
20+00E 7+75S	1	71	5	77	.1	44	17	551	3.60	4	5	ND	5	46	1	2	2	64	.42	.057	11	79	.68	68	.12	2	1.15	.01	.08	1	30
20+00E 8+00S	1	53	9	77	.1	35	12	353	3.68	6	5	ND	3	33	1	2	2	67	.28	.050	11	84	.61	55	.08	9	1.07	.01	.08	1	16
20+00E 8+25S	2	36	9	74	.2	28	13	460	7.08	6	6	ND	3	26	2	2	2	100	.22	.052	6	124	.44	47	.15	5	1.02	.01	.05	1	2
20+00E 8+50S	2	29	9	61	.3	24	10	380	4.40	12	5	ND	2	33	1	2	2	72	.33	.062	8	105	.45	76	.09	7	.84	.01	.05	1	3
20+00E 8+75S	4	60	5	74	.1	36	12	467	3.77	5	5	ND	3	39	1	2	2	77	.29	.041	13	86	.54	95	.09	3	1.15	.01	.09	1	7
20+00E 9+00S	4	78	8	88	.7	50	17	652	4.44	7	5	ND	3	45	1	2	2	79	.49	.056	10	98	.69	121	.08	3	1.33	.01	.11	1	81
20+00E 9+25S	3	78	7	88	.8	50	15	536	3.73	9	5	ND	1	44	1	2	2	63	.52	.055	8	90	.62	130	.06	5	1.25	.01	.10	1	32
20+00E 9+50S	4	55	7	87	.1	38	11	384	4.24	8	5	ND	2	37	1	2	2	78	.28	.037	12	103	.66	104	.09	2	1.29	.01	.09	1	16
20+00E 9+75S	8	118	13	151	.9	66	19	1040	4.99	9	6	ND	2	43	2	2	2	77	.41	.065	12	124	.69	172	.08	2	1.83	.01	.14	1	6
20+00E 10+00S	3	61	9	89	.2	39	15	589	3.84	6	5	ND	3	34	2	2	2	68	.29	.046	12	84	.63	94	.09	6	1.19	.01	.08	1	26
STD C/AU-S	19	61	39	133	6.9	67	27	1027	3.94	37	19	7	39	50	18	19	20	58	.45	.085	37	60	.81	177	.08	30	1.67	.05	.13	14	51

D.D.H. GEO-MANAGEMENT PROJECT-ARMADA FILE # 87-4260 Grid 2

SAMPLE#	MU PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
TEP 0+00BL	1	10	8	44	.1	6	3	118	2.01	7	5	ND	5	10	1	4	2	37	.09	.052	7	18	.33	62	.10	2	1.22	.01	.08	1	1
TEP 2+00E BL	2	20	6	55	.2	16	4	88	2.35	7	5	ND	6	9	1	2	2	23	.08	.031	10	18	.28	54	.04	2	1.07	.01	.05	1	1
TEP 2+50E BL	3	17	20	91	.1	15	4	108	2.45	12	5	ND	7	14	1	4	2	31	.15	.040	14	18	.25	54	.07	2	1.07	.01	.06	1	1
TEP 3+00E BL	3	28	21	102	.1	14	4	91	4.18	15	5	ND	7	10	1	2	3	39	.07	.122	12	25	.25	57	.07	2	1.47	.01	.04	1	1
TEP 3+50E BL	3	27	17	123	.7	26	7	172	3.13	10	5	ND	12	12	2	2	2	26	.14	.092	14	26	.44	77	.06	9	1.89	.01	.11	1	1
TEP 4+00E BL	5	30	15	86	.3	21	6	227	3.46	14	5	ND	6	11	2	2	2	26	.06	.049	17	23	.34	85	.05	2	1.28	.01	.09	1	1
TEP 4+50E BL	1	16	21	55	.4	9	3	66	3.43	11	5	ND	8	8	1	2	2	39	.06	.222	10	19	.18	41	.07	8	1.71	.01	.05	2	2
TEP 5+00E BL	1	21	12	67	.3	18	9	371	2.25	7	5	ND	8	15	1	3	3	21	.14	.030	17	23	.47	76	.06	11	1.23	.01	.16	2	1
TEP 5+50 BL	1	14	5	33	.1	12	5	138	1.55	3	5	ND	5	15	1	4	3	18	.19	.043	15	20	.45	53	.06	2	.99	.01	.13	1	1
TEP 6+00 BL	1	12	6	35	.1	10	4	83	1.56	3	5	ND	5	10	1	2	2	18	.10	.022	10	15	.26	59	.05	2	1.09	.01	.08	2	1
TEP 6+50 BL	1	16	7	55	.1	12	5	91	3.65	7	5	ND	8	9	1	2	2	40	.08	.092	12	25	.35	62	.08	2	1.71	.01	.08	1	1
TEP 7+00 BL	1	20	10	50	.1	18	7	187	2.20	3	5	ND	8	18	1	3	2	23	.23	.050	21	25	.59	85	.07	2	1.34	.01	.23	2	1
TEP 7+50 BL	1	17	10	40	.2	15	6	256	1.82	2	5	ND	10	19	1	3	2	22	.22	.034	17	24	.52	84	.07	18	1.17	.01	.15	1	1
TEP 7+90E BL	3	37	2	96	.2	33	8	493	2.32	10	5	ND	4	40	1	2	2	18	.58	.048	34	19	.52	106	.06	2	1.31	.01	.26	1	2
TEP L8+00E 5+45N	1	20	6	74	.1	17	5	181	1.91	3	5	ND	4	9	1	2	4	20	.08	.031	12	17	.25	65	.04	6	1.09	.01	.06	1	1
TEP L8+00E 5+00N	3	57	12	171	.1	42	9	273	3.97	4	5	ND	7	10	1	2	2	22	.11	.129	10	21	.31	107	.04	2	1.22	.01	.05	1	1
TEP L8+00E 4+50N	2	12	12	64	.1	10	4	111	2.01	6	5	ND	6	6	1	5	2	24	.06	.106	10	17	.20	53	.05	5	1.20	.01	.05	4	1
TEP L8+00E 4+00N	2	30	14	111	.3	20	10	225	2.21	4	5	ND	8	11	1	2	2	18	.07	.125	12	16	.24	85	.03	6	1.17	.01	.05	2	1
TEP L8+00E 3+50N	2	21	10	81	.7	23	7	145	2.30	2	5	ND	11	26	1	2	3	31	.20	.023	21	22	.37	115	.08	4	1.57	.01	.13	1	1
TEP L8+00E 3+00N	2	13	3	81	.5	25	7	155	1.90	5	5	ND	6	19	1	2	2	17	.18	.045	14	20	.34	93	.04	7	1.49	.01	.08	2	1
TEP L8+00E 2+50N	3	19	16	99	.3	15	5	121	2.95	5	5	ND	7	13	1	2	2	33	.11	.051	12	22	.30	76	.08	9	1.37	.01	.08	2	1
TEP L8+00E 2+00N	2	12	8	61	.1	8	3	65	1.98	5	5	ND	4	14	1	2	2	29	.10	.059	12	13	.15	66	.05	6	1.02	.01	.04	1	1
TEP L8+00E 1+50N	2	19	19	70	.3	14	5	134	3.22	10	5	ND	7	7	1	2	2	32	.05	.088	13	21	.25	63	.04	2	1.69	.01	.05	1	1
TEP L8+00E 1+00N	1	11	16	44	.3	7	3	74	1.56	6	5	ND	7	10	1	2	2	20	.08	.072	14	13	.22	53	.06	10	.77	.01	.05	1	1
TEP L8+00E 0+50N	27	127	27	693	1.8	171	13	226	3.23	33	19	ND	15	56	14	11	2	67	1.63	.507	42	49	.23	114	.02	3	1.54	.01	.12	2	10
TEP L8+00E BL	1	25	12	92	.7	19	7	336	3.29	16	9	ND	12	10	1	2	2	24	.15	.071	20	23	.40	64	.01	2	1.36	.01	.07	1	1
TEP 8+50E BL	1	13	13	50	.1	14	4	78	2.19	6	5	ND	5	10	1	2	2	22	.08	.040	12	18	.31	66	.05	2	1.39	.01	.06	1	3
TEP L9+00E 7+00N	1	10	6	39	.1	13	5	104	1.55	5	5	ND	3	12	1	2	2	18	.12	.025	12	19	.38	51	.05	2	.98	.01	.09	3	1
TEP L9+00E 6+50N	1	16	26	73	.1	9	4	68	3.03	2	5	ND	10	9	1	2	2	38	.06	.124	10	25	.28	66	.09	9	2.32	.01	.08	1	6
TEP L9+00E 6+00N	1	10	14	35	.3	11	4	129	1.57	3	5	ND	7	12	1	2	2	22	.07	.009	15	16	.25	49	.05	8	.87	.01	.07	1	1
TEP L9+00E 6+00N A	2	17	9	66	.1	26	6	304	1.69	9	5	ND	7	56	1	2	2	15	.56	.079	22	19	.36	64	.05	15	.81	.01	.12	6	1
TEP L9+00E 5+50N	3	19	12	102	.5	20	5	127	2.76	4	5	ND	7	11	2	2	2	23	.10	.036	15	23	.36	88	.05	2	1.23	.01	.07	1	1
TEP L9+00E 5+00N	4	73	13	289	.5	91	9	887	2.48	5	5	ND	6	15	1	2	2	17	.13	.041	14	19	.33	131	.02	3	1.37	.01	.08	1	11
TEP L9+00E 4+65N	4	46	7	123	.5	41	7	484	2.25	10	5	ND	4	35	1	2	2	16	.41	.062	18	19	.38	71	.04	3	.93	.01	.13	1	55
TEP L9+00E 4+50N	19	283	23	387	4.3	225	26	1269	7.87	55	5	ND	7	25	1	3	2	22	.26	.084	19	36	.70	105	.02	8	1.45	.01	.10	3	41
TEP L9+00E 4+00N	1	16	9	69	.1	24	9	154	2.20	3	5	ND	9	12	1	2	2	22	.12	.042	16	25	.49	78	.06	2	1.48	.01	.11	1	1
STD C/AU-S	18	60	38	131	7.0	67	27	1051	3.99	37	17	7	39	50	18	17	19	59	.48	.088	39	60	.88	182	.08	39	1.81	.06	.13	13	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L9+00E 3+50N	2	19	8	130	.4	18	9	272	3.27	3	6	ND	9	15	1	2	2	30	.13	.134	16	23	.37	78	.07	5	1.89	.01	.08	1	2
L9+00E 3+00N	3	20	8	133	.1	18	6	136	3.04	2	5	ND	8	12	1	2	2	33	.09	.069	13	20	.31	91	.07	2	1.67	.01	.07	1	1
L9+00E 2+50N	5	22	28	139	.8	17	7	167	3.94	10	5	ND	7	13	2	2	2	41	.09	.079	15	30	.34	102	.08	2	3.05	.01	.08	1	2
L9+00E 2+00N	3	26	2	113	.6	30	8	142	2.85	6	5	ND	8	12	1	2	2	25	.10	.074	15	26	.37	105	.06	2	2.05	.01	.09	1	3
L9+00E 1+50N	1	19	2	92	.2	23	7	114	2.29	4	5	ND	12	12	3	3	2	20	.13	.057	18	19	.40	82	.06	15	1.60	.01	.09	1	2
L9+00E 1+00N	2	13	2	57	.1	18	4	124	1.70	2	5	ND	8	15	1	7	2	18	.14	.022	18	17	.45	51	.06	5	1.07	.01	.10	1	1
L9+00E 0+50N	1	7	5	36	.1	3	3	130	2.19	2	5	ND	6	13	1	2	2	43	.11	.123	9	19	.35	62	.08	5	1.34	.01	.11	1	2
L9+00E BL	2	5	2	20	.1	4	2	53	1.33	3	5	ND	6	8	1	3	2	16	.06	.039	12	8	.13	36	.04	4	.76	.01	.03	1	1
L9+50E BL	1	7	4	30	.1	11	5	69	1.80	2	5	ND	6	11	1	2	2	22	.08	.036	13	17	.25	65	.05	4	1.37	.02	.07	1	3
L10+00E 9+50N	1	9	7	143	.2	16	7	158	1.77	2	5	ND	7	12	4	2	2	20	.11	.055	15	25	.42	82	.07	2	1.08	.02	.09	1	1
L10+00E 9+00N	1	18	4	126	.3	22	9	203	2.84	2	5	ND	9	13	2	2	2	31	.16	.205	14	20	.42	111	.08	5	1.37	.01	.10	1	2
L10+00E 8+50N	1	9	2	84	.1	9	5	76	2.38	2	5	ND	8	13	1	2	2	32	.12	.122	12	14	.26	71	.07	10	1.38	.02	.05	1	1
L10+00E 8+00N	3	19	5	123	.5	39	7	77	3.48	2	5	ND	7	11	1	2	2	11	.17	.117	21	12	.13	51	.01	2	.77	.01	.04	1	1
L10+00E 7+61N	2	31	24	129	.3	40	9	329	2.95	11	5	ND	4	43	1	2	2	15	1.20	.156	29	18	.38	69	.04	2	.75	.01	.12	1	1
L10+00E 7+50N	4	86	24	143	2.4	63	25	1511	5.82	2	5	ND	9	28	4	2	2	31	.33	.081	23	45	.67	148	.03	4	2.84	.01	.18	1	5
L10+00E 7+00N	1	16	3	68	.3	19	7	132	2.49	2	5	ND	8	13	2	2	2	27	.14	.045	18	30	.51	100	.07	14	1.57	.02	.16	1	1
L10+00E 6+50N	12	17	14	126	.2	39	8	449	2.24	4	5	ND	7	73	1	2	2	22	.60	.085	24	20	.36	114	.06	2	1.25	.02	.07	2	40
L10+00E 6+00N	1	33	4	73	.8	34	10	484	2.60	10	7	ND	9	62	1	2	2	26	.51	.050	67	30	.61	128	.08	11	1.80	.02	.23	1	4
L10+00E 5+50N	1	8	7	51	.3	12	6	90	1.68	3	5	ND	7	16	1	4	2	20	.12	.053	15	18	.33	66	.05	2	1.26	.02	.08	1	1
L10+00E 5+00N	1	12	7	59	.6	16	6	76	2.08	2	7	ND	6	10	1	2	2	23	.07	.044	13	17	.27	64	.05	4	1.47	.02	.07	1	2
L10+00E 4+50N	2	20	6	88	.1	14	7	286	4.03	6	5	ND	10	12	1	2	2	39	.11	.261	12	28	.35	56	.08	2	2.72	.01	.09	1	1
L10+00E 4+00N	2	18	4	81	.3	24	8	148	3.13	6	5	ND	10	15	4	2	2	33	.13	.035	15	29	.50	95	.09	9	1.91	.02	.14	1	1
L10+00E 3+50N	4	36	4	201	.4	52	10	152	3.37	7	5	ND	9	12	1	2	2	24	.09	.047	17	30	.46	90	.05	2	2.26	.01	.10	1	3
L10+00E 3+00N	1	25	13	78	.1	18	7	142	3.38	4	5	ND	7	16	1	2	2	32	.15	.109	15	24	.49	88	.09	2	1.76	.01	.14	1	2
L10+00E 2+50N	3	19	13	118	.8	15	8	194	4.32	5	5	ND	11	22	3	2	2	46	.14	.281	16	29	.31	129	.10	2	3.34	.01	.10	1	2
L10+00E 2+00N	1	16	12	58	.3	18	5	138	2.22	3	5	ND	9	12	1	2	2	22	.11	.044	14	20	.34	80	.05	2	1.66	.01	.08	1	14
L10+00E 1+50N	8	50	22	194	3.1	32	8	200	6.50	15	5	ND	14	21	6	2	2	53	.11	.260	15	46	.52	173	.13	2	5.94	.02	.21	2	1
STD C/AU-S	20	62	38	129	7.5	69	29	1051	4.04	39	18	7	42	51	22	17	20	60	.45	.089	39	62	.90	174	.08	~~34~~	~~1.84~~	~~.07~~	~~.13~~	~~12~~	~~53~~
L10+00E 1+00N	4	27	14	201	.8	21	9	201	3.69	7	5	ND	10	12	1	3	2	38	.08	.187	15	27	.54	101	.11	2	2.36	.02	.17	1	1
L10+00E 0+50N	1	12	13	76	.5	11	4	76	2.42	4	5	ND	9	9	1	2	2	29	.06	.087	16	19	.29	64	.07	6	1.52	.02	.07	1	1
L10+00E BL	1	10	7	37	.1	11	4	111	1.86	2	5	ND	5	14	1	2	2	22	.13	.052	12	17	.35	61	.06	6	1.10	.01	.12	1	2
FORK 6A	4	54	13	149	.7	61	17	1357	5.57	8	5	ND	3	35	5	4	2	88	.40	.059	11	79	.50	109	.07	5	.85	.01	.05	1	2470
FORK 7A	7	74	12	209	.4	78	21	741	7.04	10	5	ND	4	31	7	2	2	109	.37	.071	8	88	.64	67	.07	2	.87	.01	.05	1	98
FORK 8A	7	60	11	158	.4	63	19	511	8.61	7	5	ND	2	30	10	2	4	162	.34	.053	8	105	.60	50	.10	14	.77	.01	.04	2	2820

Silt sample - 80 mesh

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

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

Grid 2

DATE RECEIVED: SEPT 25 1987 DATE REPORT MAILED: Oct 7/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L10+50E BL	1	9	5	48	.1	12	4	81	1.70	2	5	ND	6	11	1	2	2	16	.09	.037	14	16	.37	54	.05	3	1.32	.01	.11	1	1
L11+00E BL	2	8	7	35	.3	8	3	82	1.59	2	5	ND	5	11	1	2	2	21	.11	.056	14	12	.26	39	.05	5	.87	.01	.07	1	1
L11+50E BL	1	8	7	28	.3	5	2	50	1.73	2	5	ND	5	12	3	2	2	24	.11	.061	11	10	.13	42	.05	6	.84	.01	.05	1	1
L12+00E 10+00N	1	5	5	26	.1	9	4	109	1.27	2	5	ND	3	9	1	2	2	16	.11	.022	12	13	.26	48	.05	4	.88	.01	.06	1	1
L12+00E 9+50N	1	6	2	18	.1	8	3	75	1.06	2	5	ND	4	10	1	2	2	15	.11	.020	12	11	.23	33	.04	4	.61	.01	.07	1	3
L12+00E 9+00N	1	3	2	13	.1	5	2	53	1.01	2	5	ND	3	8	1	2	2	16	.09	.020	11	9	.16	27	.04	2	.60	.01	.04	1	1
L12+00E 8+50N	1	4	5	22	.1	6	3	65	1.30	2	5	ND	3	10	1	2	2	16	.10	.029	11	11	.18	53	.04	5	.82	.01	.05	1	1
L12+00E 8+00N	7	52	26	350	4.4	74	19	851	6.38	21	5	ND	6	76	5	2	2	8	2.04	.357	24	11	.19	87	.01	11	.50	.01	.08	1	4
L12+00E 7+50N	2	10	8	67	.6	13	7	197	1.82	3	5	ND	3	27	1	2	2	32	.38	.045	8	18	.73	145	.10	2	1.10	.01	.24	1	3
L12+00E 7+00N	1	34	17	137	.6	38	10	573	3.03	2	5	ND	6	41	1	2	2	22	.94	.074	31	24	.52	142	.07	4	1.50	.01	.18	1	2
L12+00E 6+50N	1	7	7	28	.5	6	2	93	1.14	2	5	ND	1	17	1	2	2	16	.23	.028	9	8	.13	55	.03	2	.57	.01	.04	1	3
L12+00E 5+50N	2	27	18	118	.4	30	11	133	3.78	6	5	ND	10	12	1	2	2	31	.11	.072	14	29	.46	91	.08	2	2.58	.01	.09	1	1
L12+00E 5+00N	1	3	5	7	.1	3	2	44	.57	2	5	ND	2	10	1	2	2	10	.08	.010	8	6	.13	24	.03	2	.36	.01	.03	1	1
L12+00E 4+50N	1	9	9	49	.1	16	5	96	1.80	5	5	ND	5	26	1	2	2	22	.19	.073	10	17	.20	74	.04	2	1.57	.01	.04	1	2
L12+00E 4+00N	1	28	22	83	.2	42	17	159	3.66	9	5	ND	12	24	3	2	2	31	.15	.057	17	34	.49	147	.08	5	2.98	.01	.19	1	2
L12+00E 3+50N	1	10	9	36	.3	12	5	103	1.80	3	7	ND	6	15	1	2	2	20	.15	.030	12	20	.36	51	.06	2	1.11	.01	.10	1	1
L12+00E 3+00N	1	14	6	47	.2	17	8	258	1.95	2	5	ND	5	22	1	2	2	22	.24	.027	16	24	.56	62	.07	2	1.18	.01	.18	1	1
L12+00E 2+50N	1	10	12	55	.1	10	4	90	2.32	3	5	ND	8	14	1	3	2	25	.14	.098	12	19	.33	77	.05	3	1.60	.01	.09	1	1
L12+00E 2+00N	1	8	2	22	.1	5	2	224	1.02	2	5	ND	3	9	1	2	2	13	.06	.022	12	10	.18	45	.04	2	.71	.01	.05	1	1
L12+00E 1+50N	1	11	3	43	.1	25	5	371	1.74	2	5	ND	3	22	1	2	2	20	.29	.037	12	20	.47	106	.06	2	1.03	.01	.21	1	2
L12+00E 1+00N	2	41	15	194	.6	40	10	437	2.56	4	5	ND	6	38	4	2	2	26	.41	.031	29	27	.67	136	.09	2	1.90	.01	.33	1	2
L12+00E 0+50N	1	13	12	46	.3	14	5	109	2.31	3	5	ND	8	16	1	2	2	23	.15	.054	14	20	.43	66	.06	2	1.60	.01	.13	1	3
L12+00E BL	6	17	13	42	.1	10	2	55	1.44	5	5	ND	4	11	1	2	2	26	.09	.025	14	10	.19	50	.04	2	.60	.01	.06	1	2
L12+00E 0+50S	2	13	8	57	1.1	12	5	137	2.24	4	5	ND	5	13	2	2	2	22	.10	.027	14	19	.37	68	.06	2	1.19	.01	.11	1	2
L12+00E 1+00S	1	14	14	47	.1	11	5	192	1.94	2	5	ND	5	13	1	2	2	22	.12	.027	14	18	.41	68	.07	3	1.09	.01	.13	1	1
L12+00E 1+50S	1	8	3	30	.1	8	3	100	1.68	2	5	ND	3	15	2	2	2	23	.12	.032	13	17	.36	63	.06	2	.94	.01	.12	1	1
L12+00E 2+00S	1	14	12	34	.2	12	4	102	2.23	2	5	ND	7	14	1	2	3	21	.11	.025	12	22	.44	67	.06	11	1.47	.01	.16	1	1
L12+00E 2+50S	2	11	12	40	.8	13	5	264	1.85	6	5	ND	4	13	3	2	2	22	.09	.035	13	18	.29	48	.05	4	1.14	.01	.10	1	1
L12+00E 3+00S	1	5	12	21	.1	6	2	71	1.55	2	5	ND	2	12	1	2	2	25	.08	.018	12	14	.23	43	.06	2	1.05	.01	.08	1	1
L12+00E 3+50S	3	10	5	32	.1	8	2	86	1.22	4	5	ND	1	11	1	2	2	21	.10	.019	11	12	.16	40	.03	2	.51	.01	.05	1	2
L12+00E 4+00S	1	24	18	53	.3	19	7	213	2.92	6	5	ND	4	19	1	3	2	26	.16	.032	18	25	.55	93	.07	3	1.57	.01	.25	1	1
L12+00E 4+50S	1	25	17	59	.2	19	6	163	3.10	5	5	ND	5	10	2	2	2	28	.09	.091	14	26	.55	64	.07	2	1.38	.01	.12	1	1
L12+00E 5+00S	2	13	14	31	.5	7	3	88	2.06	5	5	ND	2	13	2	3	2	27	.12	.045	12	15	.25	56	.05	2	.96	.01	.08	1	1
L12+00E 5+50S	8	36	29	89	1.3	16	4	222	3.90	18	5	ND	3	14	2	2	2	36	.04	.069	14	19	.30	98	.07	2	.97	.01	.09	1	1
L12+00E 6+00S	1	13	12	32	.1	9	4	99	1.83	3	5	ND	4	14	1	2	3	18	.09	.034	15	15	.44	60	.06	2	.94	.01	.17	1	1
L12+00E 6+50S	1	19	12	41	.1	12	5	149	2.15	2	5	ND	9	15	1	2	2	20	.11	.031	19	20	.59	80	.07	4	1.28	.01	.28	1	1
STD C/AU-S	19	59	38	132	7.2	68	27	1024	3.89	37	21	7	38	48	18	17	22	57	.48	.082	36	59	.87	175	.08	37	1.84	.05	.12	13	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L12+00E 7+00S	5	26	17	57	.4	13	4	172	3.33	13	5	ND	3	20	1	2	2	42	.18	.042	14	18	.22	71	.09	3	.78	.01	.10	2	1
L12+00E 7+50S	2	12	7	26	.2	9	3	75	2.14	2	5	ND	5	16	1	2	2	29	.11	.014	16	19	.32	77	.08	6	.89	.01	.14	1	1
L12+00E 8+00S	1	8	8	19	.3	5	1	56	1.81	6	6	ND	1	6	1	2	2	21	.04	.062	13	13	.14	37	.05	2	.68	.01	.07	1	1
L12+00E 8+50S	2	17	17	27	1.6	36	4	89	4.78	6	5	ND	3	10	1	2	2	53	.07	.076	12	120	.43	40	.10	2	1.31	.01	.08	2	1
L12+00E 9+00S	1	12	15	36	.4	10	3	101	4.17	7	5	ND	2	8	1	2	2	27	.06	.069	11	25	.28	65	.06	2	1.20	.01	.09	1	1
L12+00E 9+50S	2	16	14	40	2.8	8	3	153	5.20	10	5	ND	2	8	1	2	2	45	.04	.098	13	20	.22	41	.05	2	1.21	.01	.05	2	1
L12+00E 10+00S	4	29	6	70	.3	22	2	68	1.46	4	5	ND	1	5	1	2	2	25	.02	.028	17	11	.06	32	.01	2	.54	.01	.03	1	1
L12+50E BL	1	11	5	37	.3	9	3	99	2.31	3	5	ND	7	14	2	3	2	22	.13	.027	13	20	.39	70	.06	2	1.30	.01	.13	1	2
L13+00E BL	1	19	9	41	.1	20	7	161	1.75	3	6	ND	11	16	1	2	2	16	.19	.048	23	18	.43	64	.06	2	1.22	.01	.18	1	1
L13+50E BL	1	7	4	16	.3	4	2	192	.72	2	5	ND	2	23	3	2	2	14	.30	.012	11	7	.10	50	.03	2	.32	.01	.06	1	1
L14+00E 10+00N	1	9	10	50	.1	12	5	141	1.78	3	6	ND	4	12	1	2	2	24	.13	.011	12	21	.39	65	.07	2	.99	.01	.09	1	1
L14+00E 9+50N	1	16	12	70	.2	20	8	155	2.47	3	5	ND	8	16	1	2	2	26	.18	.049	12	22	.40	91	.08	3	1.38	.01	.16	1	1
L14+00E 9+00N	1	21	15	50	.4	23	9	253	2.53	7	5	ND	5	28	1	2	2	29	.32	.021	38	30	.58	123	.09	2	1.73	.01	.22	1	1
L14+00E 8+50N	1	4	2	13	.1	4	2	50	1.03	2	5	ND	1	11	1	2	2	18	.12	.030	8	12	.17	32	.05	2	.50	.01	.04	1	1
L14+00E 8+00N	1	9	12	57	.1	12	4	87	1.99	2	5	ND	4	11	2	2	2	21	.09	.042	11	19	.35	52	.06	2	1.14	.01	.08	1	1
L14+00E 7+50N	3	20	19	84	1.1	14	3	94	1.63	6	5	ND	3	9	1	2	2	18	.07	.044	11	15	.13	78	.03	2	.79	.01	.04	1	1
L14+00E 7+00N	13	44	24	375	2.1	55	8	442	2.78	17	5	ND	2	20	1	2	2	22	.33	.179	13	25	.32	121	.04	2	.93	.01	.08	2	1
L14+00E 6+50N	3	35	20	220	.4	41	14	460	3.55	14	5	ND	5	13	3	2	2	31	.18	.038	16	34	.78	100	.10	2	1.56	.01	.15	2	1
L14+00E 6+00N	14	44	23	204	1.4	55	15	545	5.03	11	5	ND	3	33	1	2	2	14	.58	.150	16	17	.18	77	.03	3	.84	.02	.05	2	1
L14+00E 5+50N	3	29	14	100	1.0	31	7	195	3.89	7	6	ND	3	14	1	2	2	30	.14	.046	16	38	.55	79	.06	2	1.37	.01	.10	1	1
L14+00E 5+00N	3	28	16	105	1.6	32	8	202	4.91	4	5	ND	6	18	1	2	2	19	.37	.268	15	19	.17	64	.04	7	1.31	.01	.06	1	2
L14+00E 4+50N	2	13	10	42	.2	9	4	148	2.61	4	5	ND	4	11	1	2	2	47	.11	.052	13	17	.31	58	.11	5	.86	.01	.08	1	1
L14+00E 4+00N	1	17	13	55	.1	14	6	288	2.58	3	5	ND	6	14	1	2	2	27	.19	.025	15	24	.40	83	.07	2	1.33	.01	.10	1	1
L14+00E 3+50N	1	15	14	76	.1	12	7	534	2.85	2	5	ND	4	13	1	2	2	27	.18	.028	13	20	.35	86	.05	3	1.08	.01	.07	1	1
L14+00E 3+00N	2	19	30	85	.3	18	11	1353	3.24	3	5	ND	4	14	1	2	2	26	.20	.035	14	20	.24	104	.04	3	.96	.01	.05	1	5
L14+00E 2+50N	1	14	9	50	.2	12	5	197	2.63	2	5	ND	7	21	1	2	2	33	.28	.022	13	20	.34	66	.11	5	1.07	.01	.06	1	1
L14+00E 2+00N	3	17	10	64	1.0	20	5	185	2.19	10	5	ND	6	20	1	2	2	19	.19	.104	15	16	.28	62	.05	6	.94	.01	.07	1	4
L14+00E 1+50N	1	2	6	5	.1	1	1	24	.38	2	5	ND	1	8	1	2	2	6	.06	.006	12	5	.06	28	.02	2	.32	.01	.02	1	1
L14+00E 1+00N	2	6	3	20	.1	5	1	58	.94	3	5	ND	2	13	1	2	2	13	.15	.018	11	7	.10	39	.03	4	.38	.01	.04	1	1
L14+00E 0+50N	1	19	16	40	.4	14	6	304	2.44	3	5	ND	2	21	1	3	3	25	.23	.026	21	19	.33	84	.06	8	1.02	.01	.13	1	1
L14+00E BL	1	11	14	38	.1	9	3	92	3.16	4	5	ND	2	13	1	2	2	35	.08	.035	13	22	.34	85	.08	2	1.19	.01	.13	1	1
L14+00E 0+50S	1	18	12	37	.1	12	4	140	2.42	2	5	ND	1	17	1	2	2	28	.13	.028	11	26	.45	87	.07	4	1.30	.01	.19	1	1
L14+00E 1+00S	1	14	10	20	1.0	7	2	148	1.33	2	6	ND	1	22	1	2	2	20	.24	.022	12	11	.14	61	.05	2	.49	.01	.09	1	1
L14+00E 1+50S	1	11	4	33	1.0	8	3	139	2.37	2	5	ND	1	11	1	2	3	26	.05	.029	13	18	.29	51	.06	2	.96	.01	.12	1	1
STD C/AU-S	19	58	38	127	6.9	66	27	990	4.03	38	19	7	35	47	17	17	19	54	.46	.078	36	64	.88	171	.08	32	1.79	.05	.13	12	51
L14+00E 2+00S	1	26	16	62	.3	15	6	380	3.00	5	5	ND	3	30	1	2	2	29	.30	.033	19	24	.47	86	.08	10	1.62	.01	.25	2	1
L14+00E 2+50S	1	13	10	31	.2	9	3	117	1.83	2	5	ND	1	15	1	2	2	20	.13	.039	13	17	.30	60	.05	5	.74	.02	.13	1	1

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L14+00E 3+00S	2	29	12	66	.9	17	6	218	3.01	2	5	ND	4	22	3	2	2	32	.18	.032	20	24	.51	109	.09	7	1.75	.01	.31	1	1
L14+00E 3+50S	1	15	4	36	.1	12	4	140	1.97	2	5	ND	3	18	1	2	2	25	.19	.029	13	17	.51	75	.07	2	1.37	.01	.24	1	1
L14+00E 4+00S	1	12	4	27	.1	10	4	158	1.42	2	5	ND	4	16	1	2	3	18	.16	.036	16	14	.37	74	.05	5	.79	.01	.16	1	1
L14+00E 4+50S	1	7	13	22	.1	5	2	55	2.41	2	5	ND	5	8	1	2	2	48	.05	.033	15	13	.25	48	.10	4	.87	.01	.09	2	2
L14+00E 5+00S	1	9	10	18	.1	5	1	40	.96	2	5	ND	1	10	1	2	2	14	.07	.017	16	9	.15	40	.02	9	.52	.01	.07	2	1
L14+00E 5+50S	2	6	9	14	.1	4	1	39	.76	2	5	ND	1	8	1	2	2	18	.07	.014	11	8	.07	40	.02	2	.39	.01	.03	1	1
L14+00E 6+00S	2	8	9	19	.1	5	2	57	2.38	2	5	ND	2	8	1	2	2	39	.07	.022	10	11	.19	58	.09	2	.76	.01	.07	1	1
L14+00E 6+50S	1	3	6	4	.1	2	1	18	.31	2	5	ND	1	10	1	2	2	8	.08	.009	13	4	.05	34	.02	2	.35	.01	.03	1	1
L14+00E 7+00S	4	9	14	23	.1	5	1	142	1.01	4	5	ND	1	14	1	2	2	20	.09	.026	12	8	.08	64	.02	2	.46	.01	.05	1	1
L14+00E 7+50S	8	21	16	46	.4	9	2	171	1.87	16	5	ND	1	8	1	2	2	25	.06	.043	14	9	.10	68	.01	2	.58	.01	.04	1	1
L14+00E 8+00S	3	23	12	72	.9	18	10	1527	2.13	6	5	ND	2	85	4	2	2	23	.82	.050	18	15	.19	127	.03	4	.87	.01	.06	1	1
L14+00E 8+50S	1	9	8	17	.1	5	2	94	1.02	4	5	ND	1	9	1	2	4	23	.04	.021	22	8	.09	24	.03	2	.40	.01	.03	1	1
L14+00E 9+00S	2	9	13	17	.2	6	2	105	1.24	4	5	ND	3	6	1	4	2	27	.03	.025	16	7	.09	21	.03	2	.46	.01	.04	1	2
L14+00E 9+50S	5	25	15	175	.3	21	14	2290	3.66	13	5	ND	3	89	4	2	2	28	.91	.112	16	23	.32	125	.03	4	1.74	.01	.07	1	1
L14+00E 10+00S	6	27	10	220	2.0	61	8	3147	2.83	15	9	ND	2	68	32	2	2	21	1.31	.141	15	21	.32	124	.02	4	1.46	.01	.07	1	5
L14+50E BL	1	17	11	55	.3	14	5	173	2.75	3	5	ND	4	23	1	2	2	27	.31	.089	13	20	.40	71	.06	7	1.48	.01	.13	1	1
L15+00E BL	2	21	10	51	.2	18	7	352	2.18	2	5	ND	3	37	2	2	2	22	.84	.041	24	19	.44	83	.06	2	1.48	.01	.16	1	1
L15+50E BL	1	14	14	25	.4	8	3	82	1.99	2	5	ND	1	14	1	2	2	27	.09	.026	14	13	.19	47	.05	8	.77	.01	.07	1	1
L16+00E 10+00N	1	11	12	65	.1	10	7	139	2.17	2	5	ND	6	14	1	2	2	23	.13	.040	11	17	.27	91	.05	3	1.64	.01	.12	1	1
L16+00E 9+50N	1	10	7	32	.1	9	4	77	1.63	4	5	ND	4	9	1	2	2	17	.10	.036	12	14	.28	38	.05	2	.98	.01	.08	1	1
L16+00E 9+00N	1	18	15	54	.1	20	8	323	2.08	34	5	ND	6	17	1	2	2	21	.20	.035	27	21	.46	80	.06	10	1.32	.01	.15	2	1
L16+00E 8+50N	1	13	8	31	.1	13	4	82	1.65	6	5	ND	4	12	1	2	2	24	.11	.020	8	17	.34	73	.07	8	.93	.01	.10	2	1
L16+00E 8+00N	1	9	7	28	.1	10	4	93	1.99	3	5	ND	6	15	1	2	2	23	.13	.029	12	16	.41	52	.05	6	.96	.01	.09	1	1
L16+00E 7+50N	1	20	7	43	.1	18	5	122	2.69	10	5	ND	6	13	1	2	2	30	.08	.023	11	23	.44	53	.08	4	1.23	.01	.14	1	1
L16+00E 7+00N	1	14	16	38	.1	14	6	188	2.17	3	5	ND	4	16	1	2	3	25	.17	.020	13	20	.47	71	.08	9	1.12	.01	.23	1	1
L16+00E 6+50N	1	15	14	39	.1	12	5	454	1.78	12	5	ND	4	29	1	2	2	22	.52	.024	22	17	.33	84	.05	6	1.09	.01	.12	1	1
L16+00E 6+00N	1	9	4	30	.1	27	7	322	1.73	3	5	ND	3	18	1	2	2	38	.40	.017	9	62	.90	82	.07	7	1.10	.01	.05	1	1
L16+00E 5+50N	1	19	5	50	.3	18	8	390	2.22	10	10	ND	4	31	1	2	2	25	.58	.032	26	23	.51	105	.07	10	1.59	.01	.23	1	1
L16+00E 5+00N	1	11	6	22	.1	8	3	73	1.56	2	5	ND	1	11	1	2	4	20	.08	.015	11	13	.30	56	.05	3	.78	.01	.11	1	1
L16+00E 4+50N	1	24	5	55	.1	17	6	134	3.71	5	5	ND	6	17	1	4	2	34	.14	.058	11	26	.53	76	.09	11	1.96	.01	.13	1	1
L16+00E 4+00N	1	27	6	36	.1	16	7	198	3.03	2	5	ND	3	25	1	2	2	44	.21	.028	13	22	.53	72	.10	10	1.10	.01	.14	1	1
L16+00E 3+50N	2	21	12	45	.6	14	6	238	3.57	2	5	ND	2	19	1	2	2	51	.12	.035	13	19	.43	89	.11	5	1.00	.01	.15	1	1
L16+00E 3+00N	2	14	8	34	.1	9	3	125	3.13	2	5	ND	1	13	1	3	2	27	.04	.036	12	19	.30	65	.06	10	1.54	.01	.12	1	1
L16+00E 2+50N	1	8	10	19	.2	5	2	57	1.35	2	5	ND	1	10	1	2	2	25	.08	.029	10	11	.18	48	.07	2	.61	.01	.06	1	1
L16+00E 2+00N	6	27	24	25	.1	12	3	131	2.83	6	5	ND	2	14	2	2	2	37	.32	.043	13	18	.18	33	.07	7	.67	.01	.08	2	1
L16+00E 1+50N	3	17	12	24	.1	11	3	98	2.27	2	5	ND	3	15	1	2	2	40	.12	.019	14	18	.27	48	.11	6	.88	.01	.17	1	1
STD C/AU-S	18	58	40	130	6.8	68	27	1038	3.96	40	25	7	38	49	17	17	21	59	.46	.086	37	59	.89	177	.08	37	1.85	.06	.13	13	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L16+00E 1+00N	1	15	8	20	.3	5	2	70	2.44	2	5	ND	4	11	2	2	2	26	.08	.024	14	15	.15	56	.07	7	.93	.01	.08	1	1
L16+00E 0+50N	1	4	8	10	.1	2	1	56	.76	2	5	ND	2	9	1	3	2	20	.05	.014	16	7	.07	42	.04	9	.47	.01	.06	1	1
L16+00E BL	1	13	2	32	.2	8	3	113	2.21	2	5	ND	2	15	1	2	2	26	.10	.049	14	16	.29	64	.06	7	1.08	.01	.12	1	1
L16+00E 0+50S	41	69	26	178	6.8	97	11	404	5.11	17	5	ND	8	11	2	2	2	35	.10	.103	23	31	.42	137	.06	5	3.61	.01	.26	1	1
L16+00E 1+00S	1	10	9	25	.1	6	3	88	2.37	2	5	ND	2	14	1	2	2	30	.11	.028	14	17	.29	58	.07	3	1.30	.02	.10	1	1
L16+00E 1+50S	1	16	2	41	.1	12	6	202	1.88	2	5	ND	5	21	2	2	2	26	.18	.037	21	22	.56	96	.08	7	1.33	.02	.28	1	1
L16+00E 2+00S	1	23	7	60	.2	21	9	281	2.30	2	5	ND	6	33	2	2	2	24	.45	.049	45	25	.62	142	.09	5	1.85	.01	.35	1	1
L16+00E 2+50S	1	13	2	47	.2	10	4	108	3.07	2	7	ND	5	18	3	2	2	28	.12	.035	15	23	.40	87	.07	3	1.68	.01	.14	2	1
L16+00E 3+00S	1	13	8	33	.3	10	4	129	2.39	2	9	ND	3	12	1	2	2	25	.09	.033	16	20	.41	60	.07	7	1.34	.01	.20	1	1
L16+00E 3+50S	1	19	3	47	.3	15	5	155	2.83	2	5	ND	4	15	1	3	2	26	.12	.049	19	25	.59	69	.07	7	1.49	.01	.25	1	1
L16+00E 4+00S	1	15	4	36	.3	9	4	226	2.39	2	7	ND	4	15	2	2	2	26	.08	.032	17	20	.42	136	.07	8	1.13	.01	.22	1	1
L16+00E 4+50S	1	20	12	44	.2	15	5	129	2.84	4	5	ND	9	12	1	2	2	25	.09	.031	19	28	.60	77	.08	2	2.42	.01	.23	1	1
L16+00E 5+00S	1	13	11	24	.3	7	3	92	2.80	2	5	ND	2	11	1	2	2	34	.08	.065	12	18	.26	57	.07	7	1.01	.01	.12	1	1
L16+00E 5+50S	16	24	11	85	1.3	22	4	425	2.81	7	5	ND	2	8	1	2	2	32	.04	.107	15	13	.13	51	.03	7	.73	.01	.06	1	1
L16+00E 6+00S	2	11	15	25	.6	6	2	351	1.97	3	5	ND	1	9	3	4	2	28	.07	.127	13	11	.10	37	.05	4	.59	.01	.04	1	1
L16+00E 7+00S	8	15	17	46	.7	11	2	111	2.21	14	5	ND	2	8	2	2	2	32	.03	.047	14	10	.08	39	.03	2	.50	.01	.04	1	1
L16+00E 7+50S	7	15	9	39	.7	7	2	50	1.56	15	5	ND	4	6	2	3	2	34	.02	.029	19	8	.06	47	.02	7	.47	.01	.05	2	1
L16+00E 8+00S	28	31	28	108	.9	13	2	105	3.31	69	5	ND	4	7	1	9	2	68	.01	.057	23	11	.03	40	.01	3	.48	.01	.03	1	4
L16+00E 8+50S	18	38	16	118	1.9	19	4	103	3.10	30	5	ND	1	14	2	3	2	41	.08	.039	18	17	.16	116	.03	6	.95	.02	.06	1	1
L16+00E 9+00S	2	21	14	43	.4	12	3	118	5.27	13	5	ND	4	6	1	2	2	58	.03	.071	18	22	.20	28	.02	7	1.24	.01	.04	1	1
L16+00E 9+50S	3	25	12	52	.4	13	4	258	6.57	10	5	ND	2	7	1	2	2	53	.02	.053	17	26	.21	41	.03	5	1.28	.02	.04	1	1
L16+00E 10+00S	6	34	14	75	.4	21	7	263	5.62	11	5	ND	2	8	1	2	2	44	.05	.066	21	25	.19	58	.02	2	1.18	.02	.05	1	12
L16+50E BL	5	23	11	45	.6	12	5	565	2.20	2	5	ND	3	27	2	2	2	18	.46	.069	22	16	.23	38	.04	2	1.05	.01	.09	1	1
L17+00E BL	1	20	9	40	.4	14	4	119	2.96	2	5	ND	3	9	1	2	2	36	.04	.032	14	24	.36	74	.07	6	1.36	.01	.10	1	2
L17+50E BL	1	6	2	4	.1	3	1	15	.52	2	5	ND	1	5	1	2	2	13	.05	.009	15	4	.01	20	.01	3	.24	.01	.02	1	1
L18+00E 10+00N	1	8	4	11	.1	2	1	55	.75	2	5	ND	1	10	1	2	2	18	.10	.013	6	6	.08	35	.03	2	.51	.01	.05	1	1
L18+00E 9+50N	1	26	15	75	1.2	17	8	943	1.98	25	5	ND	6	57	1	2	2	20	1.31	.064	163	21	.29	92	.05	2	2.82	.01	.16	1	1
L18+00E 9+00N	1	22	7	44	.3	9	2	148	1.05	2	5	ND	1	29	1	3	2	23	.37	.019	14	10	.07	110	.05	2	.40	.01	.05	3	2
L18+00E 8+50N	1	15	7	56	.3	16	8	331	2.53	2	5	ND	4	19	2	2	2	27	.23	.023	15	26	.50	75	.08	6	1.69	.01	.18	1	9
L18+00E 8+00N	1	23	9	59	.1	22	10	378	2.97	11	5	ND	10	21	1	2	2	31	.12	.020	42	31	.61	123	.12	3	2.26	.01	.27	1	1
L18+00E 7+50N	1	16	3	49	.1	13	5	356	1.51	4	6	ND	3	53	1	2	2	17	1.34	.035	40	17	.32	68	.05	2	1.07	.01	.17	2	1
L18+00E 7+00N	1	11	2	33	.1	11	4	118	1.92	2	5	ND	7	13	1	2	3	23	.12	.008	14	17	.42	59	.08	2	1.10	.01	.16	2	1
L18+00E 6+50N	1	34	12	56	.9	24	8	681	2.66	3	5	ND	6	19	1	2	2	31	.20	.026	25	20	.27	124	.07	2	1.43	.01	.17	1	1
L18+00E 6+00N	1	20	6	39	.3	13	8	276	1.91	3	5	ND	4	17	1	2	2	21	.19	.024	21	18	.37	86	.07	7	1.35	.01	.17	2	1
L18+00E 5+50N	1	9	2	24	.2	8	4	221	1.67	2	5	ND	1	17	2	2	2	21	.15	.020	11	13	.28	50	.06	2	.91	.01	.10	2	1
L18+00E 5+00N	1	15	6	35	.1	13	7	274	3.06	3	5	ND	7	27	2	2	2	26	.40	.029	15	22	.46	70	.10	3	1.31	.01	.20	1	1
STD C/AU-S	19	62	37	133	7.3	70	28	1061	3.89	41	19	8	39	51	17	17	22	60	.48	.087	38	61	.88	182	.08	38	1.84	.06	.13	12	52

D.D.H. GEOMANAGEMENT FILE # 87-4531

Grid 2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L18+00E 4+50N	1	6	8	18	.1	5	2	82	1.61	2	5	ND	2	15	2	2	2	27	.12	.017	9	12	.21	40	.06	4	.72	.01	.08	1	1
L18+00E 4+00N	4	29	10	18	.5	17	3	52	1.41	11	5	ND	1	29	4	2	2	25	.51	.054	16	16	.16	76	.03	4	.46	.01	.05	1	1
L18+00E 3+50N	1	13	11	34	.1	12	5	232	1.53	3	5	ND	5	23	1	2	2	14	.44	.034	16	18	.45	59	.05	2	.89	.01	.17	1	1
L18+00E 3+00N	9	46	38	74	1.2	28	7	199	5.07	82	5	ND	6	13	1	2	3	30	.07	.061	23	22	.43	47	.07	2	1.33	.01	.20	4	1
L18+00E 2+50N	2	19	19	45	.4	20	4	111	3.41	17	5	ND	1	9	1	2	2	41	.10	.078	10	42	.44	46	.03	2	1.34	.01	.04	1	1
L18+00E 2+00N	2	15	18	30	.3	12	4	114	3.07	19	5	ND	1	4	1	2	2	35	.03	.060	12	20	.20	32	.04	2	1.31	.01	.05	1	1
L18+00E 1+50N	1	32	12	30	.3	18	6	135	2.62	8	5	ND	1	8	1	3	2	65	.16	.053	4	24	.46	59	.22	2	.95	.01	.05	1	1
L18+00E 1+00N	1	13	8	30	.2	9	3	86	3.77	6	5	ND	4	8	1	2	2	45	.06	.051	11	21	.28	48	.08	7	1.19	.01	.11	1	1
L18+00E 0+50N	1	13	17	32	.3	11	3	81	2.51	5	5	ND	2	7	1	2	2	20	.04	.039	11	23	.30	37	.06	2	1.19	.01	.07	1	1
L18+00E BL	1	7	10	6	.1	3	1	22	.87	2	5	ND	1	5	2	4	2	19	.02	.019	14	7	.06	19	.03	4	.35	.01	.04	1	1
L18+00E 0+50S	2	16	12	33	.8	10	3	79	4.56	13	5	ND	4	5	1	2	2	32	.03	.059	10	26	.26	36	.11	4	2.05	.01	.08	1	1
L18+00E 1+00S	1	10	9	18	.3	59	4	157	1.40	5	5	ND	1	7	1	2	2	32	.06	.018	10	68	.28	23	.04	2	.57	.01	.02	1	5
L18+00E 1+50S	1	13	9	34	.2	10	4	97	2.31	5	6	ND	2	5	1	3	2	17	.02	.040	13	17	.33	40	.05	2	1.16	.01	.09	1	1
L18+00E 2+00S	3	8	6	22	.7	5	1	37	.78	4	6	ND	3	5	5	2	2	14	.04	.016	14	6	.07	25	.03	6	.28	.01	.04	2	1
L18+00E 2+50S	1	10	9	20	.4	4	2	79	2.38	2	5	ND	1	11	1	2	2	29	.05	.035	11	14	.22	41	.05	2	.85	.01	.12	1	1
L18+00E 3+00S	1	13	12	21	.6	7	2	55	1.92	3	5	ND	1	10	1	2	2	26	.08	.028	12	14	.21	42	.06	5	.77	.01	.13	1	1
L18+00E 3+50S	1	6	11	13	.3	3	1	154	.97	3	5	ND	1	8	1	2	2	17	.05	.024	10	9	.12	38	.05	2	.48	.01	.06	1	1
L18+00E 4+00S	1	2	13	4	.1	1	1	58	.46	3	5	ND	2	5	2	2	3	16	.03	.021	14	5	.06	22	.06	7	.30	.01	.04	1	1
L18+00E 4+50S	1	14	15	34	.1	10	3	235	2.81	4	5	ND	2	6	1	2	2	29	.03	.077	14	18	.23	45	.07	2	.75	.01	.07	1	1
L18+00E 5+00S	1	4	13	8	.1	3	1	34	.96	3	5	ND	3	5	1	2	2	19	.03	.016	13	7	.10	25	.05	5	.43	.01	.05	1	1
L18+00E 5+50S	1	2	5	1	.1	2	1	45	.29	4	5	ND	1	6	2	2	2	8	.03	.009	11	4	.04	18	.03	2	.23	.01	.02	1	1
L18+00E 6+00S	1	5	11	12	.1	4	1	32	.70	4	5	ND	1	6	1	2	2	13	.03	.019	11	8	.14	31	.03	2	.52	.01	.03	1	1
L18+00E 6+50S	3	19	10	61	.5	17	2	303	1.55	9	5	ND	2	11	1	2	2	28	.11	.023	17	11	.07	105	.02	3	.45	.01	.05	1	4
L18+00E 7+00S	33	29	36	102	3.0	19	20	976	2.74	26	6	ND	1	19	2	3	2	10	.17	.074	9	9	.06	112	.01	6	.54	.01	.05	1	14
L18+00E 7+50S	22	27	14	116	2.8	29	3	60	2.42	8	5	ND	2	6	2	2	2	35	.01	.034	20	12	.04	54	.01	3	.43	.01	.04	1	4
L18+00E 8+00S	23	39	8	77	.4	19	3	58	2.36	10	5	ND	1	5	1	2	2	27	.03	.026	15	8	.03	49	.01	2	.34	.01	.02	1	1
L18+00E 8+50S	11	36	11	80	.9	20	3	113	2.41	12	5	ND	2	33	1	2	2	27	.37	.035	13	12	.12	113	.02	2	.65	.01	.04	1	1
L18+00E 9+00S	22	185	42	250	8.4	60	18	3403	6.18	44	5	ND	2	94	3	3	2	37	.80	.164	30	36	.46	226	.03	10	2.95	.01	.12	1	6
L18+00E 9+50S	18	30	18	88	.3	16	3	95	3.77	31	5	ND	1	5	1	2	2	66	.01	.060	12	19	.08	32	.01	2	.71	.01	.03	1	2
L18+00E 10+00S	18	23	8	68	.3	20	2	81	2.17	17	5	ND	1	5	1	3	2	32	.03	.032	15	12	.10	40	.01	2	.52	.01	.03	1	12
L18+50E BL	1	21	26	45	.6	14	4	216	5.99	18	5	ND	5	7	1	2	2	29	.08	.046	10	33	.45	34	.11	2	1.77	.01	.10	1	2
L19+00E BL	1	5	13	6	.2	3	1	28	.79	4	7	ND	1	5	3	2	2	17	.03	.018	10	6	.05	17	.02	3	.51	.01	.02	1	1
L19+50E BL	1	13	10	27	.4	9	2	98	2.86	6	5	ND	1	5	1	2	2	35	.03	.059	8	17	.21	19	.06	2	.93	.01	.07	1	1
L20+00E 10+00N	1	8	18	38	.2	7	3	101	1.54	2	5	ND	3	7	3	2	2	24	.04	.013	8	8	.11	37	.04	5	.52	.01	.03	1	1
L20+00E 9+50N	1	8	12	114	.2	1	3	162	1.97	3	6	ND	5	4	1	2	2	11	.04	.032	8	8	.70	40	.09	6	.92	.01	.25	1	1
L20+00E 9+00N	1	6	2	8	.1	2	1	20	.69	2	5	ND	1	6	1	2	2	18	.01	.010	9	6	.03	16	.02	3	.30	.01	.02	1	1
STD C/AU-S	18	60	38	133	7.1	66	27	1027	3.85	39	18	7	37	49	18	17	19	57	.48	.082	36	61	.88	175	.08	36	1.81	.06	.12	12	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L20+00E 8+50N	1	14	6	28	.6	7	2	61	2.49	4	5	ND	3	10	1	2	2	40	.08	.033	11	11	.17	39	.09	2	.68	.01	.07	1	1
L20+00E 8+00N	1	14	6	36	.4	12	4	94	4.11	2	5	ND	2	12	1	2	2	34	.06	.027	10	23	.40	46	.09	2	1.20	.01	.10	1	1
L20+00E 7+50N	1	8	2	5	.1	3	1	24	.40	2	5	ND	1	15	1	2	2	10	.09	.008	9	5	.03	28	.01	3	.22	.01	.02	1	1
L20+00E 7+00N	1	19	5	33	.2	11	4	117	2.44	2	5	ND	2	12	1	2	2	30	.10	.028	34	18	.31	56	.08	2	1.43	.01	.17	1	1
L20+00E 6+50N	1	24	8	61	.2	19	10	272	2.35	4	5	ND	3	13	1	2	2	23	.09	.050	72	22	.47	79	.05	2	2.72	.01	.19	1	1
L20+00E 6+00N	1	19	8	38	.1	12	5	268	1.99	3	5	ND	1	16	1	2	2	22	.14	.040	22	18	.41	61	.05	4	1.31	.01	.18	1	1
L20+00E 5+50N	1	7	2	13	.1	4	1	66	.63	2	5	ND	1	10	1	2	3	13	.11	.013	13	7	.07	49	.03	2	.33	.01	.05	2	1
L20+00E 5+00N	1	14	8	18	.1	7	3	75	2.18	2	5	ND	1	16	1	2	2	26	.14	.022	18	11	.20	33	.07	7	.97	.01	.08	1	1
L20+00E 4+50N	1	40	15	25	.1	14	4	89	2.11	2	5	ND	1	21	1	2	3	16	.21	.080	43	13	.28	64	.02	4	1.58	.01	.12	1	1
L20+00E 4+00N	1	16	5	35	.1	13	4	115	2.34	2	5	ND	5	14	1	2	2	21	.13	.023	15	21	.46	56	.07	3	1.44	.01	.16	1	1
L20+00E 3+50N	1	32	9	26	.2	12	3	86	2.49	3	5	ND	2	16	1	2	2	21	.16	.042	27	14	.20	42	.06	2	1.18	.01	.09	1	1
L20+00E 3+00N	1	14	6	8	.1	2	2	58	.86	2	5	ND	1	6	1	2	2	13	.12	.017	12	4	.02	43	.01	2	.32	.01	.05	1	1
L20+00E 2+50N	1	10	10	18	.2	6	2	51	3.02	4	5	ND	3	11	1	2	2	37	.11	.017	12	13	.19	43	.09	4	1.15	.01	.10	1	1
L20+00E 2+00N	1	39	64	88	.3	36	9	172	5.12	22	5	ND	5	15	1	2	2	34	.08	.043	19	27	.52	36	.09	2	2.35	.01	.11	1	1
L20+00E 1+50N	1	35	10	48	.6	24	5	111	4.14	7	5	ND	3	9	1	2	2	54	.06	.151	12	40	.45	66	.11	2	1.34	.01	.10	1	1
L20+00E 1+00N	1	5	2	8	.1	3	1	35	.53	2	5	ND	1	5	1	2	2	11	.02	.031	7	7	.05	22	.01	2	.47	.01	.02	1	1
L20+00E 0+50N	1	13	5	14	.3	9	2	70	1.29	5	5	ND	1	8	1	3	3	22	.01	.023	13	8	.09	14	.02	2	.44	.01	.02	20	1
L20+00E BL	1	37	16	32	.3	13	4	123	3.44	19	5	ND	1	13	1	2	2	32	.04	.051	20	16	.19	30	.05	2	1.01	.01	.06	1	4
L20+00E 0+50S	1	11	8	14	.1	7	2	107	1.08	4	5	ND	1	9	1	2	2	14	.04	.030	15	8	.07	19	.01	3	.50	.01	.04	1	1
L20+00E 1+00S	1	12	7	13	.1	3	1	104	1.42	6	5	ND	1	9	1	2	2	16	.06	.038	16	7	.07	33	.01	3	.55	.01	.03	1	1
L20+00E 1+50S	1	11	10	25	.2	12	3	166	1.94	2	7	ND	2	4	1	2	2	29	.02	.032	8	18	.30	21	.08	4	.86	.01	.11	2	1
L20+00E 2+00S	1	7	2	7	.1	4	1	58	.59	2	5	ND	1	5	1	2	3	11	.02	.022	10	6	.06	27	.01	2	.54	.01	.02	1	1
L20+00E 2+50S	1	6	10	14	.5	4	1	94	1.98	2	5	ND	1	7	1	2	2	30	.02	.033	12	10	.13	26	.07	4	.71	.01	.06	1	2
L20+00E 3+00S	1	6	5	16	.4	5	2	76	1.83	2	5	ND	1	7	1	2	2	25	.03	.029	13	10	.17	32	.06	2	.84	.01	.07	2	1
L20+00E 3+50S	3	17	15	41	1.0	14	4	116	3.68	4	6	ND	4	7	1	2	2	59	.04	.064	14	29	.27	52	.10	2	1.18	.01	.06	1	1
L20+00E 4+00S	1	8	12	23	.3	6	2	58	2.45	2	5	ND	3	8	1	2	2	34	.06	.062	13	14	.19	40	.07	2	.78	.01	.05	1	1
L20+00E 4+50S	1	3	2	8	.1	3	1	40	.59	2	5	ND	1	6	1	2	2	15	.04	.009	10	10	.10	24	.03	3	.34	.01	.03	1	1
L20+00E 5+00S	1	5	2	1	.1	1	1	3	.27	2	5	ND	1	4	1	2	2	6	.01	.010	9	5	.02	19	.01	2	.20	.01	.01	1	1
L20+00E 5+50S	3	10	3	18	.1	7	2	33	1.11	2	5	ND	1	6	1	2	2	22	.03	.015	13	6	.05	23	.03	9	.23	.01	.02	1	1
L20+00E 6+00S	3	36	24	91	1.2	28	10	208	4.45	7	5	ND	4	12	2	2	2	45	.06	.026	22	33	.59	143	.13	2	2.56	.01	.26	1	1
L20+00E 6+50S	1	23	18	62	.4	18	14	864	2.93	3	5	ND	1	25	2	2	2	35	.35	.039	20	23	.40	89	.07	2	1.42	.01	.13	1	1
L20+00E 7+00S	6	22	10	68	.2	18	4	188	3.09	4	5	ND	4	6	1	2	2	35	.02	.032	14	16	.20	36	.08	2	.64	.01	.05	1	1
L20+00E 7+50S	7	31	19	109	.3	18	9	570	1.98	5	5	ND	1	8	2	3	2	25	.02	.034	15	11	.10	50	.02	2	.58	.01	.04	1	1
L20+00E 8+00S	3	32	15	81	.8	17	5	127	3.68	7	5	ND	4	7	1	2	2	25	.03	.050	16	21	.28	34	.07	5	1.37	.01	.06	1	2
L20+00E 8+50S	10	186	22	222	6.1	62	15	623	4.45	20	7	ND	1	23	2	2	2	29	.16	.067	31	26	.37	91	.04	2	2.18	.01	.12	1	1
L20+00E 9+00S	17	67	31	121	.9	26	8	622	4.43	19	5	ND	1	24	1	3	2	36	.13	.082	20	21	.28	106	.03	3	1.28	.01	.07	1	1
STD C/AU-S	19	58	41	131	7.2	67	27	1039	3.86	39	21	8	37	50	17	18	20	59	.46	.086	37	60	.86	178	.07	36	1.83	.05	.13	13	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L20+00E 9+50S	21	118	41	349	4.3	63	27	6213	5.33	35	5	ND	3	47	5	2	2	31	.42	.215	23	26	.33	124	.02	3	2.43	.01	.09	1	1
L20+00E 10+00S	36	51	18	134	.1	17	3	150	6.79	45	5	ND	4	5	1	5	2	39	.03	.090	13	14	.11	40	.03	2	.61	.01	.04	1	1
L20+50E BL	1	18	20	39	.3	12	3	135	2.91	12	5	ND	1	7	1	2	2	40	.04	.053	9	17	.37	30	.07	2	1.08	.01	.07	1	1
L21+00E BL	1	3	5	5	.1	2	1	16	1.36	2	5	ND	1	5	1	2	2	26	.02	.025	13	6	.07	23	.05	2	.63	.01	.04	1	3
L21+50E BL	1	20	6	47	.2	11	4	151	2.51	2	5	ND	5	10	2	2	6	22	.06	.040	18	21	.56	70	.06	2	1.67	.01	.21	1	1
L22+00E 10+00N	1	11	13	23	.5	6	2	77	1.51	4	5	ND	1	15	2	2	4	23	.16	.028	9	10	.17	40	.05	6	.58	.01	.07	1	1
L22+00E 9+50N	1	18	13	54	.3	11	4	136	2.77	5	5	ND	4	11	1	2	2	28	.06	.024	14	20	.42	49	.09	2	1.49	.01	.16	1	1
L22+00E 9+00N	1	8	7	26	.1	7	3	159	2.52	2	5	ND	2	13	1	2	2	40	.10	.064	10	15	.28	48	.11	2	.74	.01	.07	1	2
L22+00E 8+50N	1	11	11	31	.2	10	4	117	2.29	3	5	ND	2	15	1	3	3	22	.12	.042	13	18	.40	69	.06	2	1.20	.01	.14	1	1
L22+00E 8+00N	1	21	9	62	.1	15	7	233	3.18	4	5	ND	3	16	1	3	2	35	.09	.024	20	26	.60	96	.11	2	1.99	.01	.25	1	1
L22+00E 7+50N	1	7	6	14	.2	4	1	44	.85	2	5	ND	1	13	1	2	2	21	.11	.011	9	6	.13	34	.05	10	.40	.01	.06	2	1
L22+00E 7+00N	1	20	12	82	.1	21	10	414	2.43	4	6	ND	3	52	1	2	2	24	1.29	.051	18	25	.53	90	.06	7	1.31	.01	.27	1	1
L22+00E 6+50N	1	25	20	95	.2	29	8	261	2.97	7	7	ND	2	59	1	2	2	24	1.65	.048	47	29	.34	53	.06	2	1.39	.01	.11	1	1
L22+00E 6+00N	1	28	15	50	.5	10	4	161	3.64	10	6	ND	4	14	1	2	2	29	.20	.040	42	16	.31	36	.11	6	1.45	.01	.16	1	1
L22+00E 5+50N	1	18	17	74	.9	12	5	732	1.85	5	5	ND	4	81	1	2	2	15	3.04	.077	98	14	.14	92	.03	3	2.15	.01	.06	1	1
L22+00E 5+00N	1	8	9	24	.1	4	1	85	1.11	2	5	ND	1	10	1	4	2	27	.13	.017	10	6	.08	46	.04	2	.47	.01	.04	3	2
L22+00E 4+50N	3	11	26	10	.1	4	1	19	.63	2	5	ND	1	9	1	2	2	10	.06	.025	16	4	.03	37	.01	3	.61	.01	.02	1	1
L22+00E 4+00N	2	12	9	17	.1	3	1	65	.94	2	5	ND	1	11	1	6	2	16	.17	.021	9	5	.07	54	.02	3	.42	.01	.04	1	2
L22+00E 3+50N	2	10	2	7	.3	1	1	33	.71	2	5	ND	1	5	1	2	2	9	.03	.026	9	2	.03	27	.01	3	.58	.01	.04	1	2
L22+00E 3+00N	2	5	2	7	.1	3	1	21	.64	2	5	ND	1	4	2	2	2	16	.02	.010	8	4	.03	15	.02	4	.38	.01	.03	1	1
L22+00E 2+50N	2	6	3	3	.1	1	1	11	.50	2	5	ND	1	4	1	3	2	10	.02	.012	8	4	.04	17	.01	2	.44	.01	.03	1	1
L22+00E 2+00N	2	3	2	2	.1	1	1	25	.29	2	5	ND	1	4	1	2	2	5	.06	.022	8	2	.03	21	.01	2	.47	.01	.02	1	1
L22+00E 1+50N	2	21	6	11	.1	2	2	104	2.71	3	5	ND	3	5	1	4	2	29	.04	.024	9	5	.11	15	.05	2	.61	.01	.04	1	3
L22+00E 1+00N	2	3	4	3	.1	1	1	24	.52	3	5	ND	1	4	1	2	2	13	.01	.011	12	3	.05	17	.02	7	.50	.01	.02	1	2
L22+00E 0+50N	2	2	2	3	.1	1	1	19	.31	2	5	ND	1	3	1	2	3	7	.01	.009	11	2	.01	13	.01	2	.21	.01	.02	1	1
L22+00E BL	1	13	8	22	.8	6	2	117	3.37	2	5	ND	3	7	1	2	2	39	.02	.051	12	16	.21	29	.08	3	1.18	.01	.08	1	1
L22+00E 0+50S	2	6	6	7	.4	2	1	36	.86	2	5	ND	1	5	1	3	3	11	.02	.031	10	5	.10	14	.03	2	.41	.01	.03	1	2
L22+00E 1+00S	1	9	8	18	.1	10	3	95	1.22	9	5	ND	1	5	1	2	2	27	.01	.019	11	10	.13	19	.04	2	.52	.01	.03	3	1
L22+00E 1+50S	1	18	19	31	.4	11	3	151	3.66	6	5	ND	3	7	1	2	2	33	.04	.047	13	17	.22	29	.07	2	1.05	.01	.06	1	1
L22+00E 2+00S	1	11	18	26	.1	8	3	79	3.13	5	5	ND	3	8	2	2	2	42	.06	.053	11	20	.27	56	.07	2	1.01	.01	.06	1	1
L22+00E 2+50S	1	13	13	31	.2	8	3	82	4.49	6	5	ND	2	10	1	2	2	38	.09	.051	11	20	.26	38	.08	2	1.23	.01	.07	1	1
L22+00E 3+00S	1	8	7	18	.1	31	3	76	2.75	3	5	ND	2	11	1	3	2	50	.10	.023	10	70	.24	50	.07	2	.68	.01	.05	1	2
L22+00E 3+50S	1	7	11	18	.1	7	2	66	1.72	3	5	ND	1	9	1	2	3	37	.06	.015	10	22	.20	33	.06	2	.58	.01	.03	1	1
L22+00E 4+00S	2	20	14	20	.1	10	3	73	1.37	4	5	ND	1	13	1	2	2	22	.16	.020	16	13	.22	56	.04	2	.90	.01	.05	1	1
L22+00E 4+50S	1	9	5	30	.1	9	4	137	1.37	2	5	ND	1	13	1	2	2	20	.17	.022	15	15	.39	49	.05	3	1.03	.01	.10	1	2
L22+00E 5+00S	2	4	7	7	.1	3	1	29	.52	2	5	ND	1	8	1	2	2	13	.05	.007	14	8	.15	27	.07	2	.45	.01	.05	1	1
STD C/AU-S	19	59	39	135	6.9	69	28	1058	4.03	40	18	9	39	50	18	18	21	59	.49	.094	37	60	.90	178	.08	37	1.82	.06	.13	13	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L22+00E 5+50S	1	14	17	27	.2	9	3	117	2.88	2	5	ND	4	9	1	2	2	36	.08	.022	12	18	.20	47	.10	2	.88	.01	.07	1	1
L22+00E 6+00S	3	16	9	37	.3	12	4	100	3.90	4	5	ND	5	11	2	2	2	43	.06	.024	15	26	.41	68	.13	5	1.59	.01	.17	1	1
L22+00E 6+50S	1	18	10	25	.1	9	3	67	1.46	2	5	ND	1	9	1	2	2	25	.05	.017	17	15	.28	60	.08	2	1.17	.01	.14	1	2
L22+00E 7+00S	5	19	17	48	.1	14	7	501	2.61	3	5	ND	2	17	2	2	2	38	.16	.038	19	22	.35	68	.07	2	1.45	.01	.13	1	1
L22+00E 7+50S	2	31	17	37	.6	16	4	122	3.02	2	5	ND	3	18	2	2	2	34	.16	.043	25	20	.29	63	.08	2	1.48	.01	.13	2	1
L22+00E 8+00S	3	27	17	69	.1	21	8	245	3.01	2	5	ND	4	18	1	2	2	34	.17	.033	29	27	.52	90	.09	2	2.03	.01	.21	1	1
L22+00E 8+50S	1	24	9	68	.2	20	10	477	2.56	2	5	ND	5	26	2	2	2	30	.35	.040	23	25	.60	133	.09	7	1.90	.01	.30	1	1
L22+00E 9+00S	5	30	15	80	.4	23	13	547	3.51	3	5	ND	3	25	1	2	2	42	.21	.060	28	31	.63	135	.08	2	2.53	.01	.26	1	1
L22+00E 9+50S	4	39	24	95	.7	25	19	1136	3.80	9	5	ND	3	35	2	2	2	40	.38	.080	39	32	.61	148	.06	9	2.78	.01	.23	1	1
L22+00E 10+00S	11	39	44	74	.6	14	4	119	5.02	28	5	ND	4	56	1	2	2	41	.51	.045	24	18	.16	77	.08	2	1.10	.01	.06	1	3
L22+50E BL	1	6	8	4	.1	2	2	40	.67	2	5	ND	1	3	1	2	2	16	.02	.012	6	4	.04	12	.02	2	.45	.01	.04	1	1
L23+00E BL	1	4	2	1	.2	1	1	80	.23	2	5	ND	1	3	1	2	2	4	.02	.010	13	2	.01	18	.01	4	.38	.01	.02	1	1
L23+50E BL	1	9	13	15	.4	4	2	97	2.79	2	5	ND	3	7	1	2	2	32	.06	.030	11	15	.14	31	.06	4	1.27	.01	.04	1	1
L24+00E 10+00N	1	20	15	32	.2	7	3	55	5.30	3	5	ND	8	7	1	2	2	54	.02	.037	16	24	.27	45	.11	3	1.37	.01	.10	1	1
L24+00E 9+50N	2	16	18	27	.1	6	2	67	4.60	2	5	ND	6	13	1	2	2	40	.12	.049	14	22	.20	55	.07	2	1.17	.01	.08	1	1
L24+00E 9+00N	2	22	12	46	.2	11	4	119	4.53	4	5	ND	4	17	2	2	2	29	.11	.033	16	26	.35	64	.07	2	1.64	.01	.13	1	1
L24+00E 8+50N	1	28	17	115	.2	58	6	260	2.79	2	5	ND	3	63	1	2	2	30	.52	.036	29	20	.32	95	.08	3	1.23	.01	.13	1	1
L24+00E 8+00N	2	30	25	73	.7	13	4	278	4.09	4	5	ND	4	16	2	2	3	57	.13	.042	15	30	.69	68	.12	5	1.56	.01	.12	1	1
L24+00E 7+50N	2	27	39	73	.5	10	4	187	3.39	2	5	ND	1	13	3	2	2	39	.11	.043	17	17	.27	53	.06	2	.98	.01	.08	1	1
L24+00E 7+00N	1	25	18	84	.1	10	2	72	1.96	2	5	ND	1	8	2	3	2	28	.03	.032	11	8	.11	64	.02	2	.80	.01	.04	1	1
L24+00E 6+50N	1	7	17	31	.2	3	1	33	.79	2	5	ND	2	8	1	3	2	17	.06	.019	11	4	.03	41	.01	2	.52	.01	.04	1	1
L24+00E 6+00N	1	17	120	120	.1	6	3	226	2.50	2	5	ND	3	11	1	2	2	29	.08	.024	16	7	.12	47	.08	4	.61	.01	.09	1	1
L24+00E 5+50N	1	9	12	8	.1	3	1	56	.51	2	5	ND	1	6	1	2	2	16	.05	.014	16	7	.03	45	.03	9	.24	.01	.05	1	1
L24+00E 5+00N	1	17	21	30	.1	9	3	110	1.91	2	5	ND	3	18	1	2	2	23	.05	.038	45	14	.20	44	.04	5	.84	.01	.10	1	1
L24+00E 4+50N	3	44	19	113	1.0	37	7	294	5.56	4	5	ND	4	19	1	2	3	72	.07	.055	20	107	1.16	73	.16	2	3.27	.01	.20	1	1
L24+00E 4+00N	2	18	12	41	.1	9	5	233	3.91	4	5	ND	2	13	1	2	2	36	.09	.034	14	16	.33	60	.10	2	1.60	.01	.24	1	1
L24+00E 3+50N	1	4	6	4	.1	2	1	33	.54	2	5	ND	2	4	1	2	2	16	.02	.012	10	5	.06	18	.04	10	.58	.01	.04	1	1
L24+00E 3+00N	1	7	7	13	.1	4	2	81	.99	2	5	ND	1	6	2	2	2	14	.04	.019	7	8	.11	27	.02	3	.75	.01	.07	1	2
L24+00E 2+50N	1	11	13	20	.1	6	2	57	3.26	3	5	ND	4	7	1	2	2	39	.03	.038	13	16	.19	30	.09	2	.95	.01	.07	1	1
L24+00E 2+00N	1	4	9	6	.1	1	1	61	.50	2	5	ND	1	5	1	2	2	13	.03	.016	6	5	.05	27	.02	4	.48	.01	.05	1	1
L24+00E 1+50N	1	3	5	2	.1	1	1	46	.19	2	5	ND	1	2	1	2	2	4	.01	.015	3	3	.04	15	.01	2	.56	.01	.04	1	1
L24+00E 1+00N	1	10	17	21	.1	6	2	106	3.34	3	5	ND	4	8	1	2	2	41	.03	.030	13	19	.24	39	.09	2	1.27	.01	.09	1	1
L24+00E 0+50N	1	10	11	22	.1	6	3	82	3.43	2	5	ND	4	9	2	2	2	44	.03	.033	13	18	.23	47	.08	4	1.17	.01	.10	1	1
L24+00E BL	2	9	12	11	.2	5	1	42	2.63	2	5	ND	3	6	1	2	2	40	.02	.028	12	13	.11	26	.06	2	.89	.01	.05	1	1
L24+00E 0+50S	1	18	8	35	.1	11	4	86	3.60	2	5	ND	3	8	2	2	2	29	.03	.035	15	22	.39	41	.08	3	1.24	.01	.13	1	2
L24+00E 1+00S	1	9	13	25	.3	7	3	59	2.48	2	5	ND	3	6	2	2	2	35	.02	.027	15	17	.27	42	.10	2	1.46	.01	.12	1	1
STD C/AU-S	19	60	39	128	6.8	69	28	1022	3.78	39	20	7	38	49	18	17	23	58	.46	.084	37	60	.86	177	.08	37	1.78	.06	.13	13	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L24+00E 1+50S	1	15	16	27	.2	8	3	79	2.03	9	5	ND	2	8	1	2	2	25	.04	.023	16	19	.29	56	.07	2	1.64	.01	.16	1	1
L24+00E 2+00S	1	14	8	25	.3	8	3	102	2.09	9	5	ND	1	7	1	2	2	22	.04	.026	14	16	.26	42	.05	2	1.30	.01	.11	1	1
L24+00E 2+50S	1	9	10	20	.3	7	2	63	1.07	5	5	ND	1	8	1	2	2	16	.05	.030	12	14	.26	49	.05	2	1.12	.01	.12	1	1
L24+00E 3+00S	1	5	9	8	.1	3	1	34	1.37	3	5	ND	1	7	1	2	2	26	.04	.021	9	8	.10	30	.06	2	.63	.01	.03	1	1
L24+00E 3+50S	1	15	16	28	.4	10	3	103	2.32	2	5	ND	2	10	1	2	2	25	.06	.031	14	19	.40	61	.07	2	1.60	.01	.11	1	1
L24+00E 4+00S	1	9	13	15	.4	6	2	49	.82	2	5	ND	1	8	1	2	3	14	.05	.016	12	13	.20	36	.04	2	.84	.01	.06	1	1
L24+00E 4+50S	1	8	5	5	.3	3	1	22	.72	2	5	ND	1	7	1	2	2	14	.03	.017	12	6	.08	25	.03	2	.56	.01	.03	1	1
L24+00E 5+00S	1	7	12	11	.1	5	1	56	.85	2	5	ND	1	13	1	2	2	13	.08	.030	12	11	.21	47	.05	2	.68	.01	.06	1	1
L24+00E 5+50S	1	19	13	25	.3	10	5	339	1.95	4	5	ND	1	11	1	2	2	31	.06	.041	12	19	.32	48	.05	2	1.26	.01	.09	1	1
L24+00E 6+00S	1	15	8	29	.2	9	4	272	2.12	3	5	ND	2	13	1	2	2	31	.09	.028	14	14	.26	55	.08	2	1.11	.01	.07	1	1
L24+00E 6+50S	1	17	9	56	.1	18	7	223	2.58	4	5	ND	3	12	1	2	2	29	.07	.022	19	26	.62	82	.08	2	1.85	.01	.16	1	1
L24+00E 7+00S	1	6	9	11	.1	4	2	65	1.18	2	5	ND	2	7	1	2	2	33	.04	.013	11	7	.08	31	.07	2	.40	.01	.03	1	1
L24+00E 7+50S	1	10	13	13	.2	6	2	39	1.60	3	5	ND	2	9	1	2	2	30	.05	.017	11	9	.12	23	.07	2	.62	.01	.04	1	5
L24+00E 8+00S	1	13	6	39	.2	13	4	141	2.13	4	5	ND	2	15	1	2	2	29	.12	.022	14	20	.42	60	.07	3	1.04	.01	.10	1	1
L24+00E 8+50S	3	31	19	49	.5	13	4	364	1.39	8	5	ND	1	9	1	6	2	21	.08	.031	17	16	.23	39	.03	2	.86	.01	.05	1	1
L24+00E 9+00S	2	20	17	39	.3	12	5	228	2.14	4	5	ND	1	13	1	2	2	26	.09	.032	17	16	.27	56	.05	2	1.06	.01	.08	1	1
L24+00E 9+50S	1	22	12	32	.3	12	4	128	2.01	5	5	ND	2	11	1	2	2	25	.07	.026	16	17	.36	50	.05	3	1.17	.01	.10	1	1
L24+00E 10+00S	1	15	9	22	.1	8	3	105	2.18	3	5	ND	2	9	1	2	2	32	.05	.018	11	15	.28	56	.08	2	.86	.01	.10	1	1
L24+50E BL	1	2	11	2	.1	2	1	17	.47	2	5	ND	2	4	1	2	2	14	.02	.011	12	4	.06	16	.05	4	.34	.01	.02	1	1
L25+00E BL	1	6	10	10	.3	4	1	41	1.60	2	5	ND	4	6	1	2	2	26	.02	.017	14	9	.12	29	.08	3	.72	.01	.06	1	1
STD C/AU-S	18	59	37	131	7.0	68	27	1028	3.92	38	18	7	37	49	18	17	20	57	.45	.086	36	62	.89	176	.08	37	1.84	.06	.13	13	52

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Check Analyses
Grid 1

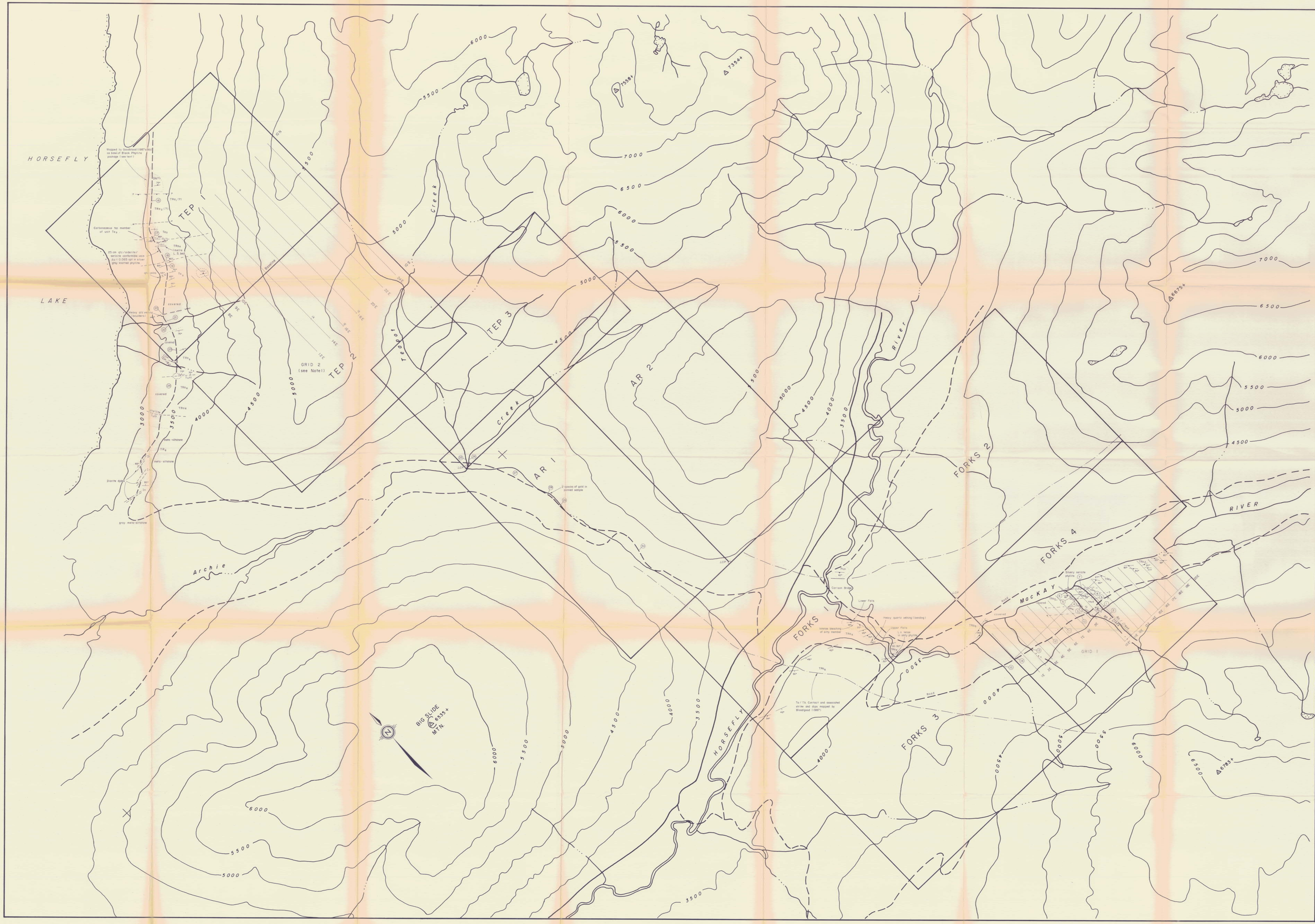
ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-SOIL/SS P2-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
P-20 mesh, pulverized

DATE RECEIVED: OCT 19 1987 DATE REPORT MAILED: Nov 2/87 ASSAYER. D.Toye..DEAN TOYE, CERTIFIED B.C. ASSAYER

SANGUINETTI ENGINEERING PROJECT-ARMADA File # 87-5039 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM
FORK L5+00E 3+00N	4	62	6	76	.4	33	14	393	3.12	5	5	ND	4	29	1	2	2
FORK L5+00E 2+75N	10	84	24	191	.7	63	19	813	5.70	2	5	ND	6	19	1	2	2
FORK L5+00E 2+50N	9	108	19	215	1.2	83	23	587	5.16	3	5	ND	9	23	2	2	2
FORK L5+00E 2+25N	5	42	15	97	.6	32	9	279	5.40	7	5	ND	3	20	1	2	2
FORK L5+00E 2+00N	8	65	24	181	1.2	51	16	644	8.12	9	5	ND	2	13	1	2	3
FORK L5+00E 1+75N	11	40	17	219	2.1	52	14	399	6.74	4	5	ND	5	17	1	3	2
FORK L12+00E 5+25S	4	65	16	142	.8	35	12	456	3.88	7	5	ND	3	42	1	2	2
FORK L12+00E 5+50S	5	72	9	151	1.2	80	21	748	4.78	7	5	ND	3	66	2	2	2
FORK L12+00E 5+75S	6	134	21	206	3.5	110	25	1558	5.48	5	5	ND	3	82	4	2	2
FORK 6B P	4	30	4	82	.2	35	10	538	3.07	5	5	ND	4	24	1	2	2
FORK 7B P	6	44	11	120	.4	46	12	589	3.10	5	5	ND	3	23	1	2	2
FORK 8A P	7	48	10	134	.4	49	12	483	3.17	6	5	ND	4	22	1	2	2
FORK 9A P	7	59	7	164	.6	57	14	665	3.37	4	5	ND	4	23	1	2	2
FORK 10S-B P	6	48	8	132	.4	49	12	568	3.17	5	5	ND	4	27	1	2	2
STD C/AU-S	18	59	42	133	7.2	69	28	1030	4.18	39	17	7	38	51	17	18	18

SAMPLE#	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
FORK L5+00E 3+00N	34	.36	.051	10	44	.59	38	.06	6	.86	.01	.06	1	2
FORK L5+00E 2+75N	27	.23	.107	24	41	.51	46	.04	7	1.06	.01	.04	1	24
FORK L5+00E 2+50N	27	.28	.087	45	43	.60	69	.04	7	1.57	.01	.04	1	11
FORK L5+00E 2+25N	39	.15	.127	16	43	.42	50	.04	7	1.14	.01	.05	1	4
FORK L5+00E 2+00N	37	.10	.108	16	49	.38	51	.03	5	1.73	.01	.04	1	7
FORK L5+00E 1+75N	42	.10	.155	16	59	.48	145	.10	7	2.36	.01	.05	1	2
FORK L12+00E 5+25S	44	.66	.068	11	60	.50	108	.06	6	1.66	.02	.08	1	23
FORK L12+00E 5+50S	60	.89	.096	10	159	1.07	77	.07	2	1.91	.02	.08	1	32
FORK L12+00E 5+75S	61	1.00	.101	27	177	1.01	167	.05	7	2.64	.02	.16	1	57
FORK 6B P	36	.23	.035	10	43	.50	53	.04	9	.72	.02	.05	1	5
FORK 7B P	30	.26	.045	9	55	.52	66	.03	6	.73	.01	.06	1	3
FORK 8A P	30	.23	.045	9	46	.51	55	.03	5	.74	.01	.05	1	3
FORK 9A P	25	.25	.057	10	42	.53	65	.03	8	.80	.01	.06	1	1
FORK 10S-B P	28	.27	.052	10	55	.60	63	.04	4	.85	.01	.06	1	1
STD C/AU-S	56	.47	.086	38	60	.88	182	.06	35	1.87	.06	.13	11	50



LEGEND

In. (Intrusive rocks, age unknown)

Dark gray to greenish gray, fine grained, inequigranular hornblende/augite, locally porphyritic diorite. Commonly contains disseminated medium grained pyrrhotite.

MIDDLE - LATE TRIASSIC

Quesnel River Group

TRb (Tuff, Meta-siltstone, Slates)
Gray to pale green very fine grained siliceous tuffs interbedded with dull dark gray very fine grained siliceous blocky meta-siltstone and/or slates.

TRa (Black Phyllites)

TRa_6 Medium gray to black, very fine grained, siliceous, blocky, poorly foliated, rusty weathering phyllite. Horsefly Lake section mainly gray to pale green very fine grained siliceous tuffs.

TRa_5 Medium to dark gray to blue black, siliceous, very fine grained, locally very graphitic and/or pyritic, locally very well laminated (alternating light narrow (1-2 mm) silty beds and dark phyllite), locally very tightly foliated phyllite with locally interbedded gray micaceous siltstone.

TRa_4 Medium gray to silver gray, high sheen, very fine grained, well laminated, tightly folded and foliated, locally pyritic, siliceous, porphyroblastic (knotted phyllite. Abundant quartz veining (boudins) locally. Contains a few narrow (1 metre) well bedded, very fine grained, tightly folded, gray limestone beds near the base to middle part of the unit.

TRa_3 Medium gray, dull, very fine grained, locally laminated, moderately foliated, carbonaceous, calcareous phyllite. Locally siliceous and very micaceous in upper part of section. Top of unit defined by a black, very carbonaceous, calcareous low sheen phyllite. Bedding defined by alignment of pyrite blebs and/or thin silty layers. Top portion of unit locally very pyritic.

TRa_2 Dark gray to silver gray, moderate to high sheen, very fine grained, siliceous, locally pyritic, locally poorly laminated, well developed cleavage (foliation), locally graphitic phyllite. Bedding difficult to define.

TRa_1 Light tan to rust colour weathering, fine to medium grained, banded, locally folded muscovite - quartz schist or micaceous quartzite. Banding defined by varying muscovite content in the various bands.

MISSISSIPPIAN - EARLY PERMIAN (?)

Pca (Crooked Amphibolite)
Pale green to gray green, very fine to fine grained, banded, tightly folded biotite-chlorite-quartz schist. Banding consists of 2 mm to 10 mm quartzite or quartz/ carbonate bands alternating with variable width schist layers.

HADRYNIAN AND YOUNGER

SN (?) (Snowshoe Group)
Light gray to tan, fine to coarse grained, well foliated, quartz-muscovite (biotite) schist containing flattened garnets.

SYMBOLS

- Contact (Observed, inferred)
- Fault
- Thrust Fault
- 25° Bedding
- 70° Foliation
- 2 Silt Sample Location

SAMPLE NO.	Au ppb -20 Mesh	Au ppb -80 Mesh
1	1	
2	1	
3	1	
4	1	
5	23	
6	1	2470
7	102	98
8	2	2820
9	4	
10	1	
11	1	
12	17	
13	1	
14	1	
15	1	
16	1	
17	1	
18	2	
19	2	
20	1	
21	1	
22	1	
23	2	
24	1	
25	1	
26	2	
27	1	
28	1	
29	1	
30	1	

NOTE: Soil sample value for Grid 2 shown when above 5 ppb Gold.

ARMADA GOLD AND MINERALS LTD.

Geology, Stream Geochemical Map of the Forks 1 - 4, AR 1 - 2, Tep 1 - 3 Mineral Claims

Cariboo Mining Division, MacKay River Area
British Columbia, NTS 93A 7E & W

SCALE: 1:10,000

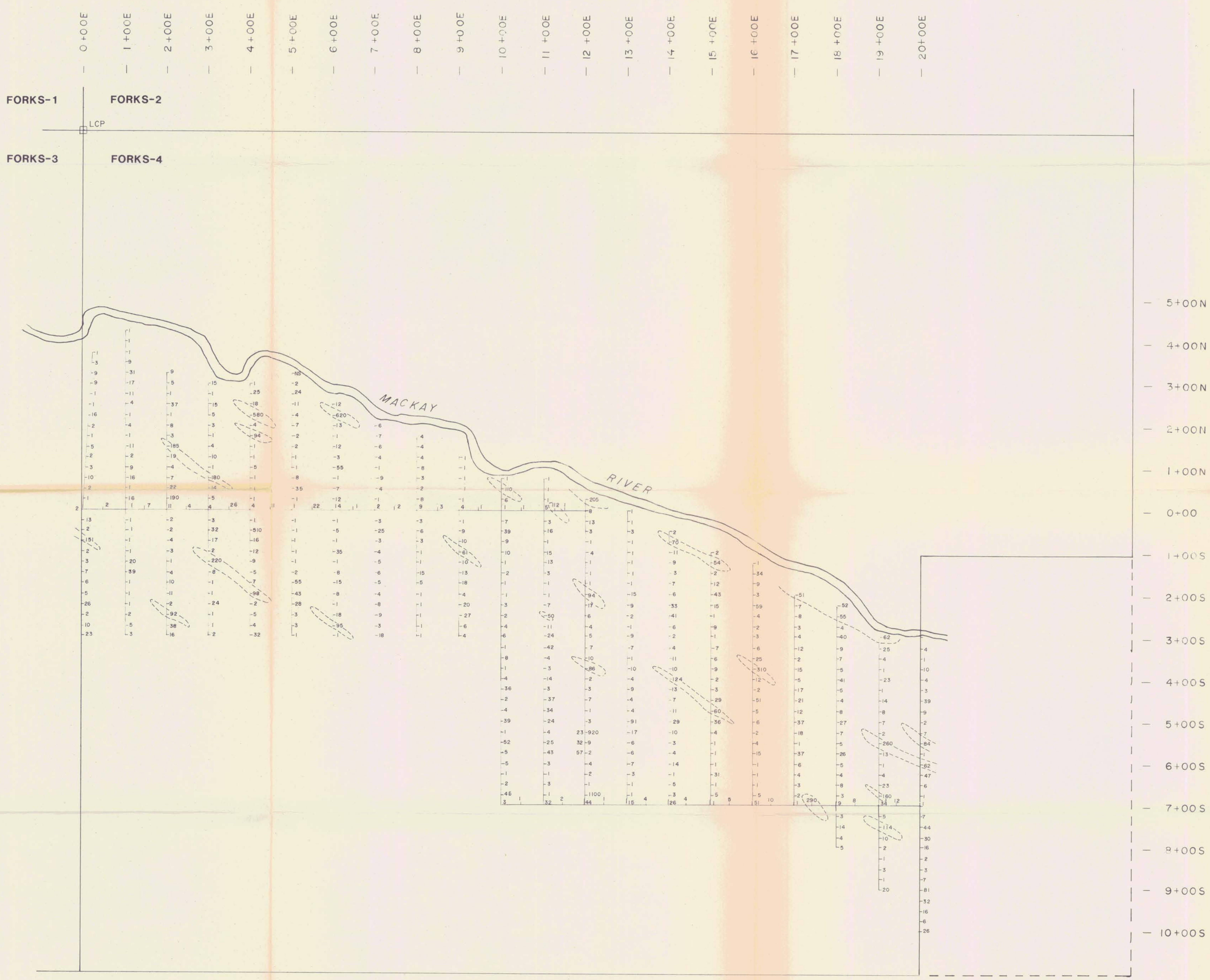
0 500 1000 Metres

Geology by: D.A. Howard, M. Sc., P. Eng.

Date: Feb., 1988

Figure: 10

D.D.H. GEOMANAGEMENT LTD.



N

LEGEND

Gold value in ppb

Contour greater than 50 ppb Gold

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,961

ARMADA GOLD AND MINERALS LTD.

SOIL GEOCHEMICAL MAP (Au)
OF FORK - 4 - GRID 1

SCALE: 1:5000

0 100 200 300 400 500 Metres

Analysis by: Acme Analytical Laboratories Ltd.	Date: Feb., 1988
Interpretation by: D.A. Howard, M.Sc., P. Eng.	Figure: 11

DDH GEOMANAGEMENT LTD.