AMEROK GEOSCIENCES LTD.

GARY C. LEE, P.ENG.

TRENCHING, PROSPECTING, GEOPHYSICAL SURVEYS ON THE TALLY HO PROPERTY, WHEATON RIVER DISTRICT, SOUTHERN YUKON TERRITORY

Carmen C. Lee, B.Sc.

QUARTZ CLAIMS

DICKSON 1-4	YB55291 - YB55294
DICKSON 5-6	YB57666 - YB57667
DICKSON 7-10	YB57668 - YB57671
DICKSON 11-15	YB66294 - YB66298
DRAFT 1-5	YB66299 - YB66303
DRAFT 6-11	YB96001 - YB96006
DRAFT 12-39	YB96264 - YB96291
DRAFT 40-69	YC08125 - YC08154
TEMPUS FUGIT 1-4	YB46407 - YB46410
TEMPUS FUGIT 6-16	YB46411 - YB46423

YMIP No.: 97-006
Work performed: August 13 - October 24, 1997
Mining District: Whitehorse
NTS: 105 D/3
Location: 60°14'N 134°39'W
Date: February 3, 1998

SUMMARY

Prospecting, line cutting, blasting, trenching and geophysical surveys were conducted on the Tally Ho Property in the Wheaton River district between August 13 and October 24, 1997. A total of 28 short trenches and pits were excavated with a John Deere JD-450 CAT/backhoe and HLEM surveys were conducted over a grid covering the Carmen's Drift and No Man's Land showings. Prospecting and sampling was performed over most of the northern portion of the property as well. The work identified a new high grade gold vein 400 m ESE of the No Man's Land showing and determined that all of the showings identified to date are of restricted strike length. The results of this and previous work have identified a zone containing a number of N and E striking mesothermal quartz veins carrying gold over a length of approximately 5 km extending from Mt. Stevens to Tally Ho Gulch. This zone is adjacent to the axis of the Llewellyn Fault and appears to represent a regional scale trend controlling the emplacement of mesothermal quartz veins in this portion of the district. Recommendations for an airborne resistivity survey and limited drilling program to test this zone at depth are included

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1.0 Introduction

This report describes geophysical and geological surveys, prospecting and trenching conducted on the Tally Ho Property during June to November 1997. The surveys were conducted to locate quartz-carbonate veins hosting auriferous ore shoots.

2.0 Property

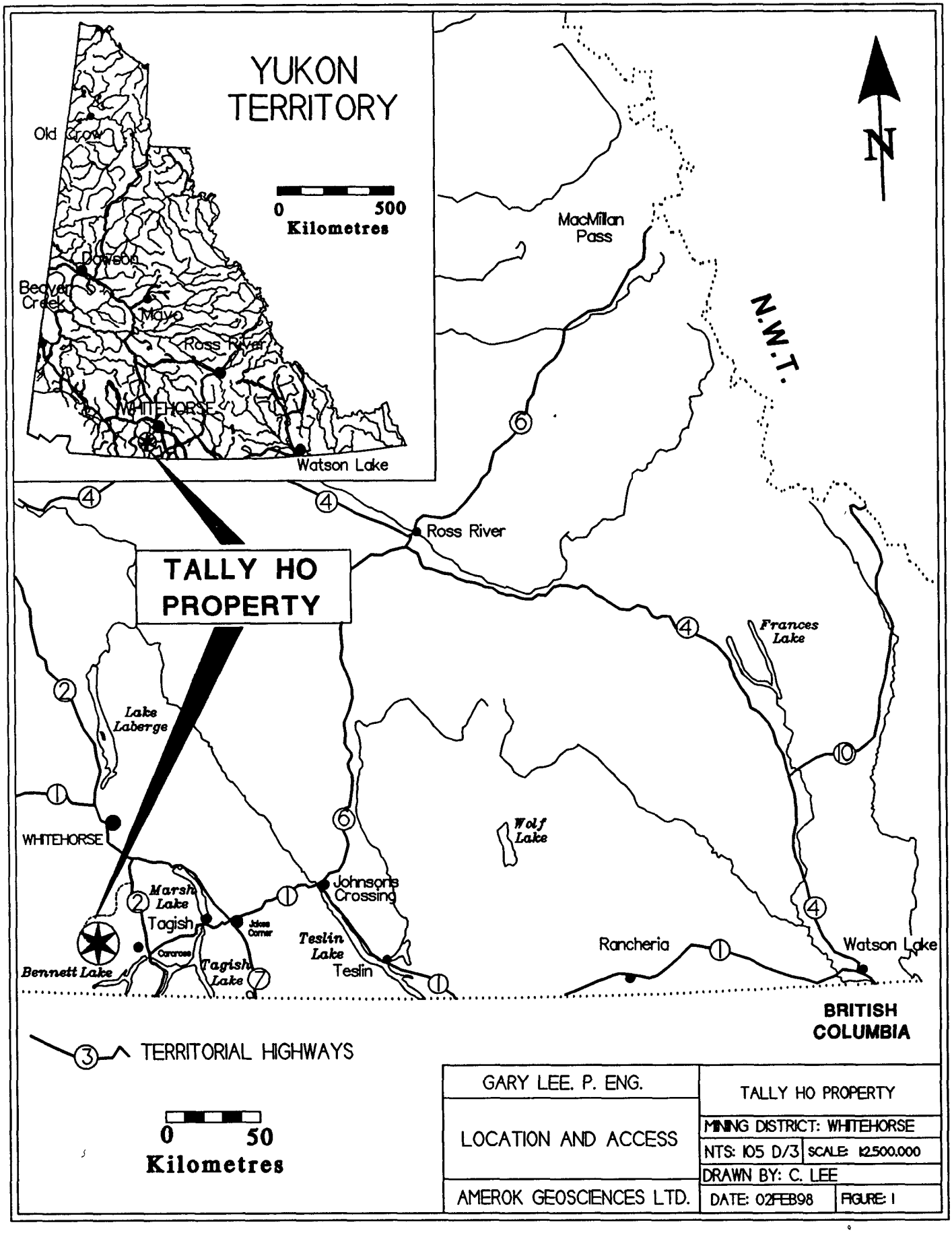
The Tally Ho Property consists of the following mineral claims staked under the Yukon Quartz Mining Act (Figure 2):

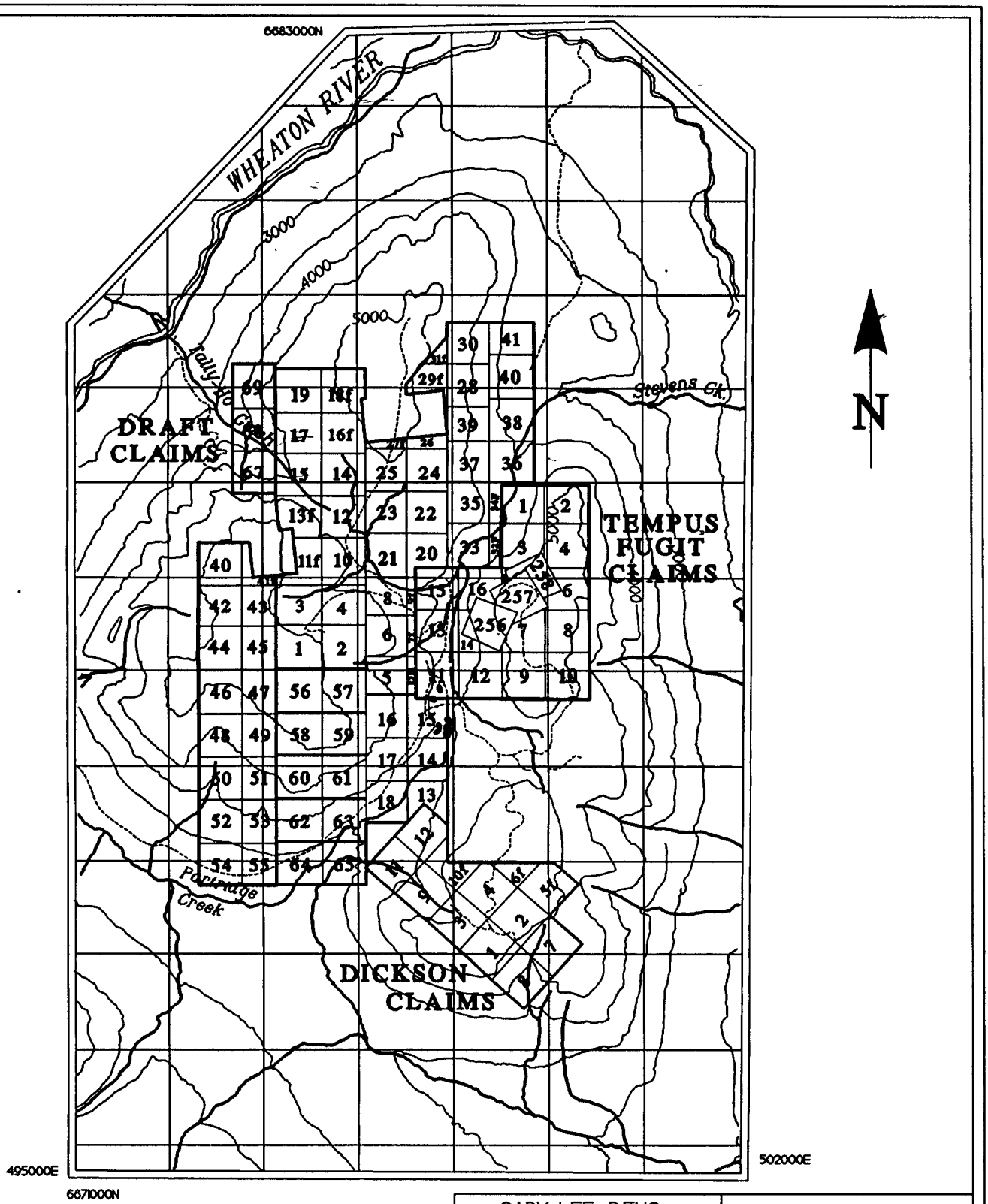
Claim name	Record number
DICKSON 1-4	YB55291-YB55294
DICKSON 5-6	YB57666-YB57667
DICKSON 7-10	YB57668-YB57671
DICKSON 11-15	YB66294-YB66298
DRAFT 1-5	YB66299-YB66303
DRAFT 6-11	YB96001-YB96006
DRAFT 12-39	YB96264-YB96291
DRAFT 40-69	YC08125-YC08154
TEMPUS FUGIT 1-4	YB46407-YB46410
TEMPUS FUGIT 6-16	YB46411-YB46423

The claims are held by Gary Lee (50%) and Mike Power (50%), both of Whitehorse, Yukon.

3.0 Location and access

The Tally Ho Property is located at 60°14 N 134°39' W, centered on Stevens Creek in the Wheaton River area, Whitehorse Mining District, Yukon Territory (Figure 1). The property is approximately 65 km from Whitehorse by air and 90 km by road. The route to the property is as follows:


YUKON TERRITORY
Old Crow
Dawson
Beaver Creek
Mayo
Ross River
WHITEHORSE
Watson Lake
0 500
Kilometres
N
MacMillan Pass
N.W.T.
Ross River
TALLY HO PROPERTY
Frances Lake
Lake Laberge
WHITEHORSE
Wolf Lake
Marsh Lake
Tagish
Johnsons Crossing
Bennett Lake
Carcross
Tagish Lake
Teslin Lake
Teslin
Rancheria
Watson Lake
BRITISH COLUMBIA
TERRITORIAL HIGHWAYS
0 50
Kilometres
GARY LEE. P. ENG.
LOCATION AND ACCESS
AMEROK GEOSCIENCES LTD.
TALLY HO PROPERTY
MINING DISTRICT: WHITEHORSE
NTS: 105 D/3
SCALE: 1:2,500,000
DRAWN BY: C. LEE
DATE: 02FEB98
FIGURE: 1



GARY LEE, P.ENG.	CLAIMS: DICKSON HILL, DRAFT, AND TEMPUS FUGIT
TALLY-HO PROPERTY LOCATION MAP	MINING DISTRICT: WHITEHORSE
	NTS: 105 D/3 | SCALE: 1:50,000
	DRAWN BY: C.L.
AMEROK GEOSCIENCES LTD.	DATE: 06NOV97 | FIGURE 2

Section	Distance (km)
Alaska Highway to Carcross Cutoff	20
Carcross Cutoff to Annie Lake Road	17
Annie Lake Road to Wheaton River Bridge	26
Wheaton River Bridge to Partridge Creek Road	11
Partridge Creek Road to Property	16

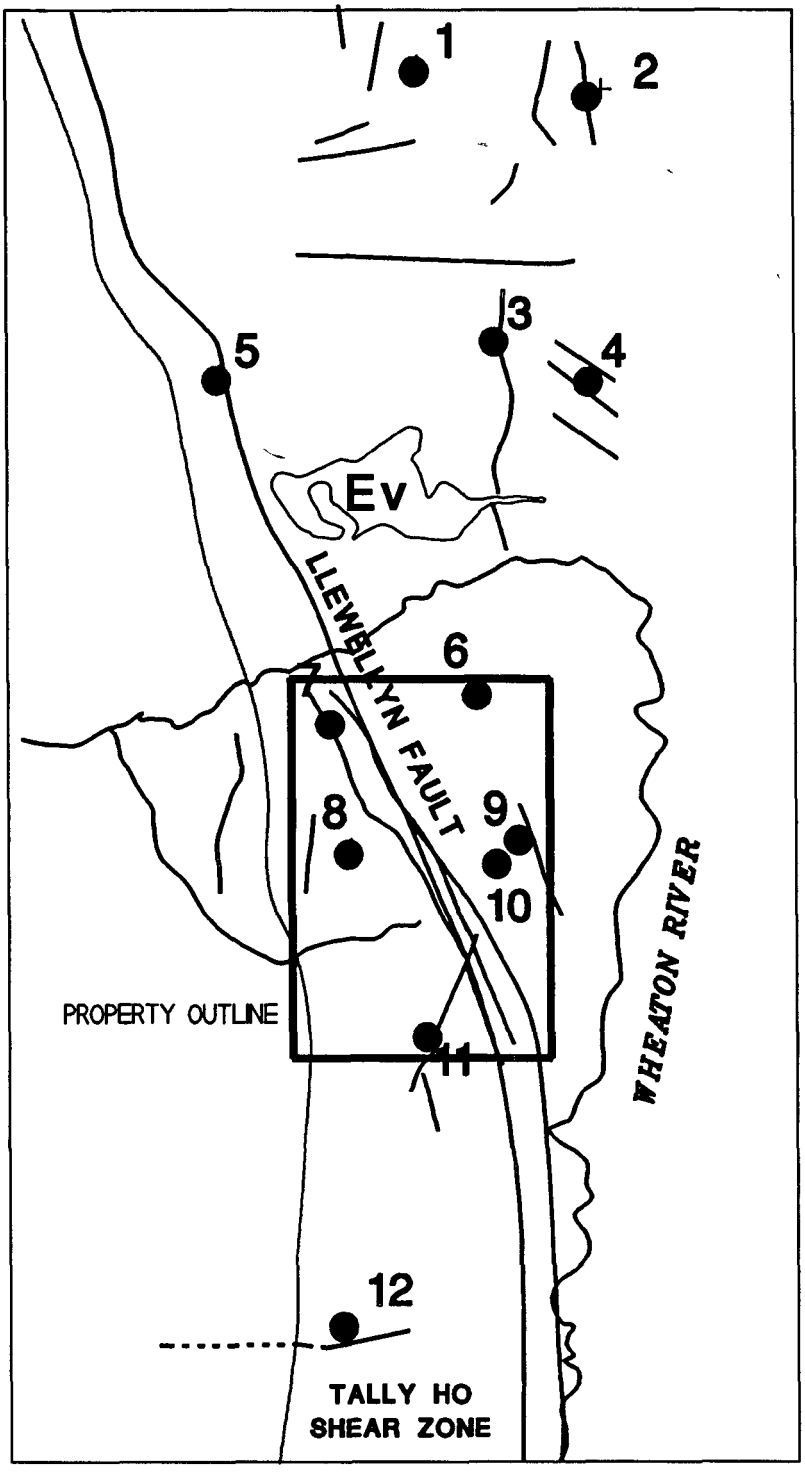
A four wheel drive vehicle is required on the Partridge Creek Road. During the winter months, the route is ploughed from Whitehorse to the Wheaton River Bridge.

4.0 Physiography

The Tally Ho Property is in the Boundary Ranges of the Coast Mountain Range. In this area, the topography is transitional between the rugged mountains of the Coast Range and the dissected uplands of the Yukon Plateau. The property is west of Mount Stevens, a rounded, north trending ridge on the west side of the Wheaton River valley. Elevations on the property range from 4300 feet at Stevens Creek on the west side of Mount Stevens to 5500 feet at the summit. The property is drained by Stevens Creek to the west and by the Wheaton River to the east with intermittent creeks found in gullies on the flanks of the mountain. Several small ponds located at the height of land between Stevens and Partridge creeks in the southwest corner of the property are suitable water sources for diamond drilling and small ponds occasionally develop near the summit of mount Stevens. Snow fields on the north facing slopes persist until the end of July and permafrost was encountered in trenches near the summit of the mountain. The property is above tree line with scrub willow and alder at lower elevations and grass and moss at higher elevations.

5.0 Regional Geology

The geology of the Wheaton River District is well documented by Doherty and Hart (1989) (see Figure 3). The region lies near the boundary between the Nisling Terrane and the Whitehorse Trough. The Nisling Terrane is a belt of metamorphic and intrusive rocks that includes the Coast Plutonic Complex and the Yukon Crystalline Terrane (Wheeler and McFeely, 1987). The Whitehorse trough is a relict fore-arc basin with clastic sediments derived from an uplifted core (LaBerge Group) being deposited over older andesitic volcanic rocks flooring the basin (Lewes River Volcanics) The Tally-Ho Shear Zone, west of the property, forms the boundary between the Whitehorse Trough and the Nisling Terrane. Following the mid-Jurassic amalgamation of the Nisling Terrane with the Whitehorse Trough, an overlap succession of clastic rocks was



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SHOWINGS

1. Red Ridge (Au.Ag)
2. INCO (Cu.Mo)
3. Union Mines (Ag.Au)
4. Mt. Bush (Coal)
5. Legal Tender (Au.Ag)
6. Mt. Wheaton (Au.Ag)
7. Tally Ho (Au.Ag)
8. Silver Queen (Ag)
9. Acme (Au.Ag)
10. Buffalo Hump (Au.Ag)
11. Odd Vein (Au.Ag)
12. Opulence (Sb.Ba)

Ev Mt. Skukum Volcanics

Fault

0 2
Km

GARY LEE. P. ENG.	TALLY HO PROPERTY
REGIONAL GEOLOGY AND MINERAL SHOWINGS	MINING DISTRICT:WHITEHORSE
	NTS: 105 D/3 SCALE: 1:105,000
	DRAWN BY: M.A.P.
AMEROK GEOSCIENCES LTD.	DATE: 06NOV97 FIGURE: 3

Terrane with the Whitehorse Trough, an overlap succession of clastic rocks was deposited and the region was affected by a later episode of Eocene volcanism. During this latter event, high level alaskite and bimodal calc-alkaline felsic to intermediate volcanic rocks were emplaced throughout the Wheaton River District. The stratigraphy in the area of the Tally Ho Property is listed in Table I.

Table I. Stratigraphy - Tally Ho Property area

Age	Formation	Lithology
Early Eocene	Mount Skukum Complex	Felsic dykes, laccoliths or plugs; mostly aphanitic, porphyritic rhyolite
Late Cretaceous	Wheaton River Granodiorite	medium-grained, hornblende diorite, quartz diorite and lesser granodiorite; locally foliated
Late-Cretaceous	Wheaton River Volcanics	aphanitic and porphyritic andesite to dacite flows, heterolithic breccia, agglomerate and associated epiclastic rocks
Jurassic or Cretaceous	Millhaven Conglomerate	Polymictic conglomerate with minor sandstone, greywacke and shale.
Late Triassic	Lewes River Group	Coarse grained, variably altered augite porphyritic basalt and breccia commonly with coeval(?) hornblendite and its metamorphic equivalents.

Paleozoic and older (?)	Nisling Assemblage	Biotite-muscovite-quartz-feldspar schist, quartzite

In the Mount Stevens area is underlain by Lewes River Group basic volcanics and their metamorphosed equivalents, overlain locally by the Millhaven Conglomerate and Wheaton River Volcanics and intruded by the Wheaton River Granodiorite. The property straddles the Llewellyn Fault on the east side of the Tally-Ho Shear Zone. Both the Llewellyn Fault and older Tally-Ho Shear Zone appear to exert strong control on the location of precious metal occurrences in northern BC and the southern Yukon (Hart and Radloff 1991, Mihalynuk and Mountjoy 1991). This is apparent in the distribution of showings north and south of the property. The Tally-Ho Shear Zone is a deep crustal structure extending from Lake Bennett 40 km north to the Mount McIntyre area. Near the Buffalo Hump Property, the zone is up to 4 km wide, strikes 145°, and dips 40° to 70° to the southwest. Early ductile deformation resulted in development of a penetrative fabric as the entrained rocks were metamorphosed to green schist facies. During a later (Late Cretaceous - Early Tertiary) stage of brittle deformation, quartz veins developed in extensional fractures. Later Eocene deformation resulted from doming and subsequent crustal collapse in the Bennett Lake Caldera Complex.

The property area hosts a number of significant precious metal occurrences. Hart and Radloff (1991) subdivided these showings into the following four types:

a. Magmatic veins (Mount Wheaton)

b. Metamorphic veins (Odd Vein)

c. Mesothermal veins (Mount Stevens, Tally-Ho, Legal Tender)

d. High Level Quartz-rich Epithermal veins (Silver Queen)

The sole example of a magmatic vein in the Wheaton River district is the occurrence on Mt. Wheaton. This consists of a quartz stockwork in silicified Wheaton River volcanics adjacent to its contact with a late Cretaceous intrusion. Approximately equal concentrations of gold and silver are found in thin white quartz veins with a few percent galena and chalcopyrite.

Metamorphic veins are composed of white to grey waxy quartz with disseminated chalcopyrite and lesser galena. These veins are concordant with little adjacent wall rock alteration indicating that they are probably the result of metamorphic dehydration

accompanying the development of the Tally Ho Shear Zone. The high concentration of copper in the veins is probably derived from the basic Lewes River Volcanics. The Odd vein on Dickson Hill is the only metamorphic vein mapped in the area.

Most of the veins in the Mount Stevens area are galena-rich mesothermal quartz sulphide veins. These include the showings on Mount Stevens proper (Acme, Buffalo Hump, Midnight) as well as others to the south and north (Tally-Ho, Legal Tender, Mount Anderson). The majority of these veins dip steeply and trend northwest. The veins consist of massive coarse grained quartz with thin bands or pods of sulphides up to 40 cm thick. On Mount Stevens, massive galena with pyrite, chalcopyrite, and occasional visible gold occurs in pods 5 - 50 cm thick. Tellurides have also been reported in these veins (MacLean 1914).

High level epithermal mineralization in the area of the property consists of brecciated quartz-chalcedony veins with accessory fluorite, clay alteration and rare fine grain pyrite. Gold mineralization occurs at and below a boiling zone level controlled largely by paleotopography. The Silver Queen showing on the property is the sole example of this type of mineralization.

6.0 Property History

Mining exploration in the Mt. Wheaton district began in the 1890's with the arrival of prospectors from the Alaska panhandle. Mining near Juneau attracted many prospectors and small miners and provided them an opportunity to earn a grubstake through winter employment in the mines. A number of these individuals began to move north and found the first hardrock and placer occurrences in the southern Yukon. Frank Corwin and Thomas Rickman were the first recorded prospectors in the region; they reportedly staked ground on Carbon Hill, Chieftain Hill and Idaho Mountain before returning to Juneau with high-grade gold samples. Probably because of uncertainties related to mineral tenure, they died without disclosing the location of their claims. Another prospector, Thomas Kerwin, reportedly staked near Idaho Hill in 1893 and returned with high grade gold samples; he too refused to disclose his claim location. During the Klondike Gold Rush, several occurrences were staked and recorded in Dawson but the first big rush to the area occurred in 1906 with the discovery of high grade gold at Tally Ho and Mt. Anderson. Both of these properties became small producers and numerous other showings were staked and explored. Activity in the area declined to a virtual standstill by the 1950's and the area remained dormant until the discovery of a bonanza epithermal gold-silver deposit at Mt. Skukum in the early 1980's. The district was restaked and extensively explored through the late 1980's. With the recission of favourable tax incentives for mineral exploration in 1989 and a decline in the gold price, exploration activity in the area has once again declined.

Exploration at Mt. Stevens and Tally Ho Mountain dates from 1906. The Tally Ho Mine (Minfile 105D 30) was staked by C.I. Burnside, C.J. Irvine and L. Belney (The Tally Ho Boys). The deposit was accessed via two adits at the 3950 and 4000 foot levels. At the 4200' level, development consisted of 700 feet of drifting and cross cuts and several short (50-75 ft) raises. Approximately 450 ft of adit and 150 ft of crosscut is found at the 3950 ft level. A number of hand sorted shipments were made to the Tacoma Smelter; records for a 1916 shipment record 14.6 T grading 2.34 OPT Au and 5.1 OPT Ag. Ore was originally transported to Millhaven Bay via a pack trail and later to the White Pass Railway via the Annie Lake Road. The latter was originally constructed solely to service mining claims in the Wheaton and has now been taken over by residential users in the Watson River valley. Additional development occurred on neighbouring Mt. Stevens and Mt. Wheaton showings during the same period in which Tally Ho was active. The Mt. Wheaton showing was high graded by Academy Resources in 1989, yielding a small shipment of ore. The showings on Mt. Stevens were staked in 1906 and worked repeatedly until 1940. Several collapsed adits are visible on the property and rehabilitation of one in 1997 revealed a small stope from which approximately 150 T of ore had been extracted. MacLean (1912) reports additional production from open cuts on the summit of Mt. Stevens. An elaborate horse trail, several cabins in the Wheaton River valley at the foot of the trail and the remains of a camp at the base of Mt. Stevens also attest to a significant effort on this property. Inactive since the 1940's, most of the ground in the current Tally Ho Property was assembled by Tally Ho Exploration Company Ltd. in the 1980's and explored from 1984 to 1989. Following the collapse of flow-through financing, the properties were dormant and restaked upon lapsing by the current owners.

Exploration at Dickson Hill in the southern portion of the property is also documented in the Yukon Minfile (Occurrence 105D 168). The vein was staked by Du Pont in June 1981 following a regional geochemical reconnaissance program. They performed limited geochemical sampling and mapping. Agip Canada Ltd. restaked the property in October 1983 and performed mapping, geochemical and geophysical surveys before entering into a joint venture with Shakwak Exploration Company Ltd. They trenched, drilled 4 holes and conducted geochemical and VLF surveys. Comaplex restaked the showing in 1990 and performed Maxmin and magnetometer surveys. Exploration to date turned up two mesothermal quartz veins hosting gold with tetrahedrite in Lewes River Group andesites. The southern vein on the Dickson 1-2 claims returned values of 46.3 g/t Au and 19.9 g/t Ag over 1.4 m while the northern vein returned values of 6.2 g/t over 2.5 cm in stringers.

7.0 Property geology

The Tally Ho Property is underlain by sheared Lewes River Group and Cretaceous

volcanic and intrusive rocks (Figure 4). The mean structural trend of both contacts and regional faults trends NW-SE.

The southern portion of the property is underlain by shear and highly metamorphosed Lewes River Group volcanics and ultramafic intrusive rocks. On Dickson Hill these rocks consist of massive to foliated dark green-grey mafic to intermediate metavolcanics. Metamorphosed pyroxenite, dunite and leucogabbro occurs in as a distinctive unit within the metavolcanic rocks.

Cretaceous quartz diorite, granodiorite and granite occurs to the north, in fault contact with the Lewes River Group. On Mt. Stevens, these rocks consist primarily of massive to locally foliated, speckled white and light grey weathering light grey, medium to coarse grained granodiorite. Disseminated pyrite and quartz flooding was noted locally throughout this unit approximately 200 m NW of the summit of Mt. Stevens.

To the north of the intrusive rocks are andesites and dacites of the Wheaton River Volcanics. Pink to light grey NW trending rhyolite dykes occur on Mt. Stevens and on Tally Ho Mountain; these appear to be feeders to this same unit.

Units in the Lewes River Group trend roughly N50W and dip predominantly to the SW. All rock units on the property are cut by NW trending steeply dipping strike slip faults of uncertain displacement. Faulting is pervasive on the property and only the most significant faults are shown in Figure 4. These faults are components of the Llewellyn Fault which appears to be a wide zone of brittle deformation on the property. The main axis of the Llewellyn Fault appears to run from the saddle between Mt. Stevens and Dickson Hill northwest to Tally Ho Gulch.

Four significant showings are found on the property. These include the showings on Mt. Stevens (Buffalo Hump and Sunrise), the Odd Vein on Dickson Hill, Carmen's Drift and the Silver Queen showing. These are discussed in turn.

7.1 Buffalo Hump and Sunrise Showings

The Buffalo Hump and Sunrise showings consist of auriferous and argentiferous quartz veins carrying disseminated to locally massive galena and pyrite. The Buffalo Hump showing consists of a steeply dipping, north striking quartz vein from 0.5 to 3 m wide. The vein occurs approximately 200 m NW of the summit of Mt. Stevens in blocky talus and has been traced on surface and underground over a distance in the order of 50 m. Underground development consists of 2 cross cuts and a stope from which approximately 100 T of material has been removed. A sample from the back of the stope collected during underground rehabilitation in 1997 returned 2.369 OPT Au and 55 OPT Ag. Samples with similar grades were taken from the muck pile at the mouth

of the southern cross cut.

7.2 Odd Vein

The showing on Dickson Hill (Odd Vein) consists of a wide, apparently folded massive milky white to light grey quartz stained with malachite and rare azurite. The main showing is at the Dickson 1-4 post cluster. The vein is steeply dipping and appears to strike roughly north and is open folded about a NW trending axis. Rocks surrounding the vein consist of highly sheared metavolcanics. Pervasive epidote, limonite and calcite occur within several metres of the vein. The best assay returned from surface sampling in 1995 consisted of 0.194 OPT Au and 1.42 OPT Ag from a sample described as greenish white quartz containing 10% pyrite in anhedral crystals. Chalcopyrite was noted in other samples and appears to account for the malachite staining noted along fractures in the axis of the folded vein. The vein was drilled by Shakwak Exploration Company Ltd. in 1985 and returned 19.9 g/t over 1.4 m. This vein is unusual for the district in that it appears to be a metamorphic vein.

7.3 Carmen's Drift

Carmen's Drift is an inclined shaft and dump with several nearby blast trenches located on Draft 25 in the northern portion of the property. The area is covered by overburden with the exception of the area near the workings. It appears that the showing was explored during the 1930's from the age and type of debris found at the site. The vein consists of massive white quartz up to 1.5 m wide with locally disseminated to (rare) massive galena and lesser pyrite. Best assays returned from this site were 0.213 OPT Au and 3.0 OPT Ag from selected specimens. Trenching during 1997 failed to find an extension of this vein on strike.

Additional showings are found south of Carmen's Drift. No Man's Land is approximately 600 m south of Carmen's Drift and returned 0.059 OPT Au from a weakly mineralized sample. A second quartz vein was discovered 400 m ESE of No Man's Land and returned geochemical gold values in excess of 7,000 ppm and silver in excess of 10000 ppm from a selected specimen. The vein was traced a short distance with trenching in 1997 and work abandoned when it did not appear to continue along strike.

7.4 Silver Queen

The Silver Queen showing consists of massive argentiferous galena, argentite and chalcopyrite associated with a rhyolite dike near the Draft 1-4 post cluster (common boundary). The showing appears to be of limited strike extent as defined by both

geophysical surveys and drilling. Best assays from surface samples returned 3620 g/t Ag with negligible gold values.

In addition to these showings, a zone of silicified limestone occurs approximately 200 m NW of the Silver Queen showing (Sinter Zone). Float samples from this zone returned anomalous gold values up to 48 ppb.

8.0 Geophysical surveys

Horizontal loop electromagnetic (HLEM) surveys were conducted over Carmen's Drift and the Sinter Zone grids to delineate veins and faults in this area. Survey grids consisting of half-length pickets were cut prior to the survey and referenced to the overall property grid with origin (5000E, 5000N) on Mt. Stevens. The grid was straight chained (not slope corrected) to facilitate HLEM terrain corrections.

HLEM surveys were conducted with an Apex Parametric MaxMin I-10 equipped with an MMC data computer and 50, 100 and 150 m cables. A first pass over the grid was made using a 100 m coil spacing and measuring 7040, 14,080 and 28,160 Hz at a 25 m station spacing. Detail surveys were conducted over certain areas using a 50 m coil spacing and 14,080, 28,160 and 56,320 Hz reading at a 12.5 m station spacing. Corrections for terrain effect were made by having the operators record station-to-station slope, tight chain their relative separation using marks on the reference cable and numerically correcting the data during data processing.

The data is plotted in Figures 5 to 13. In-phase (solid) and quadrature (dashed) components of the secondary field are stack plotted together with conductor axes (thick dashed lines). The anomaly expected from moderate to steeply dipping veins consists of a negative quadrature and/or in-phase response with flanking positive responses separated by the coil spacing. The peak negative response defines the axis of the conductor.

Anomalous quadrature responses defined a number of conductors with strikes generally conformable to those of mineralized quartz veins in the area.

9.0 Trenching and sampling

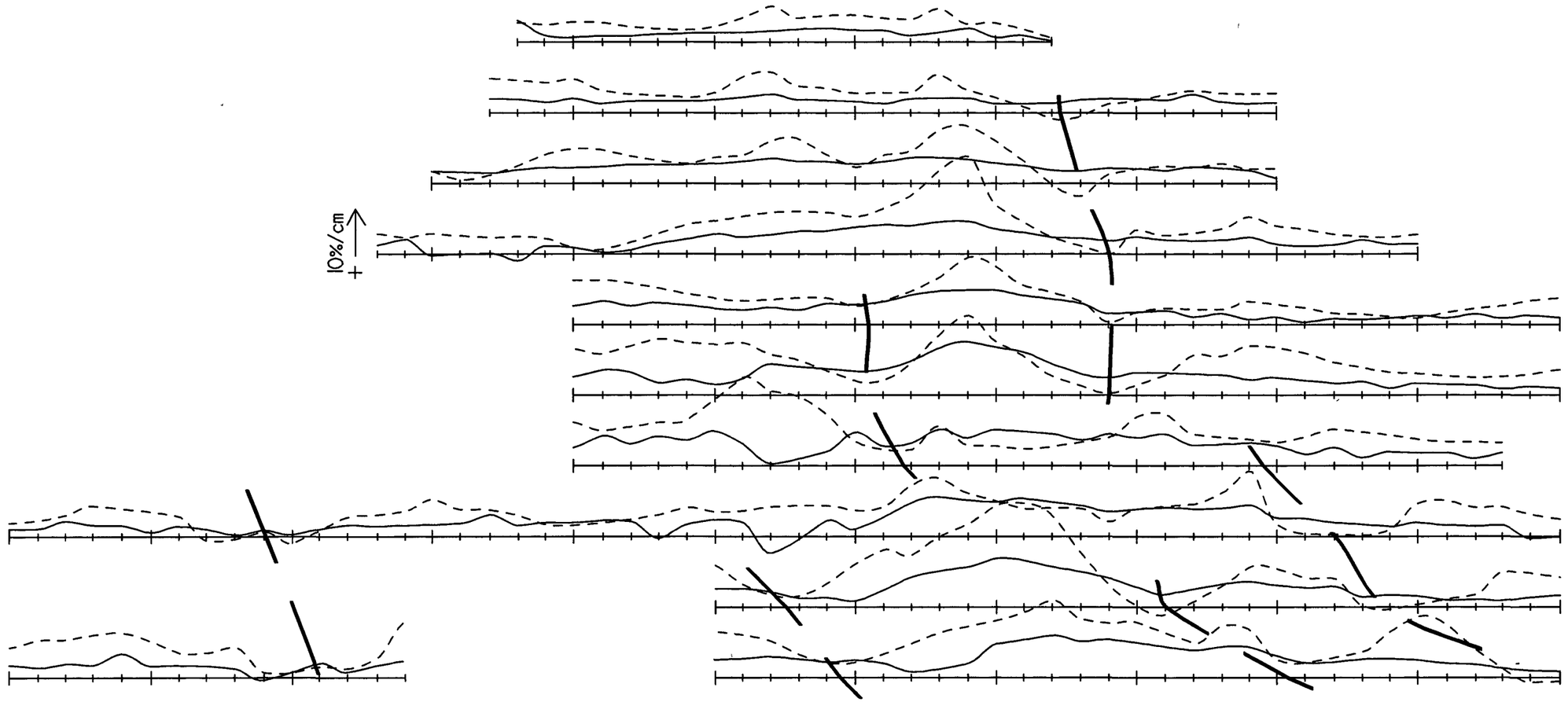
Trenching was conducted on the property with a John Deere JD-450 bulldozer / backhoe. The work was conducted by Gary Lee between August 18 and September 13, 1997 and between October 20 and 23, 1997. A total of 28 test pits and short trenches were excavated at Carmen's Drift, No Man's Land and at several showings in the vicinity. The trenches and pits were excavated solely to follow mineralized quartz

N

Z 6900 Z 6800 Z 6700 Z 6600 Z 6500 Z 6400 Z 6300 Z 6200 Z 6100 Z 6000 Z 5900

3850 E
3800 E
3750 E
3700 E
3650 E
3600 E
3550 E
3500 E
3450 E
3400 E

10%/cm
+



IN-PHASE +10%
Hz
QUADATURE -10%

0 metres 100

CONDUCTOR AXIS

VERTICAL SCALE: 10%/cm (positive upwards)
INPHASE - solid / QUADRATURE - dashed

TALLY HO PROPERTY	CARMEN'S DRIFT GRID CLAIMS: DRAFT
MAXMIN I-9 SURVEY 100m COILS - 7040Hz	MINING DISTRICT:WHITEHORSE
	NTS: 105 D/3 | SCALE: 1:3000
	OPERATOR: C.G./D.H.
AMEROK GEOSCIENCES LTD.	DATE: 07NOV97 | FIGURE:5

N

6900 Z 6800 Z 6700 Z 6600 Z 6500 Z 6400 Z 6300 Z 6200 Z 6100 Z 6000 Z 5900 Z

3850 E
3800 E
3750 E
3700 E
3650 E
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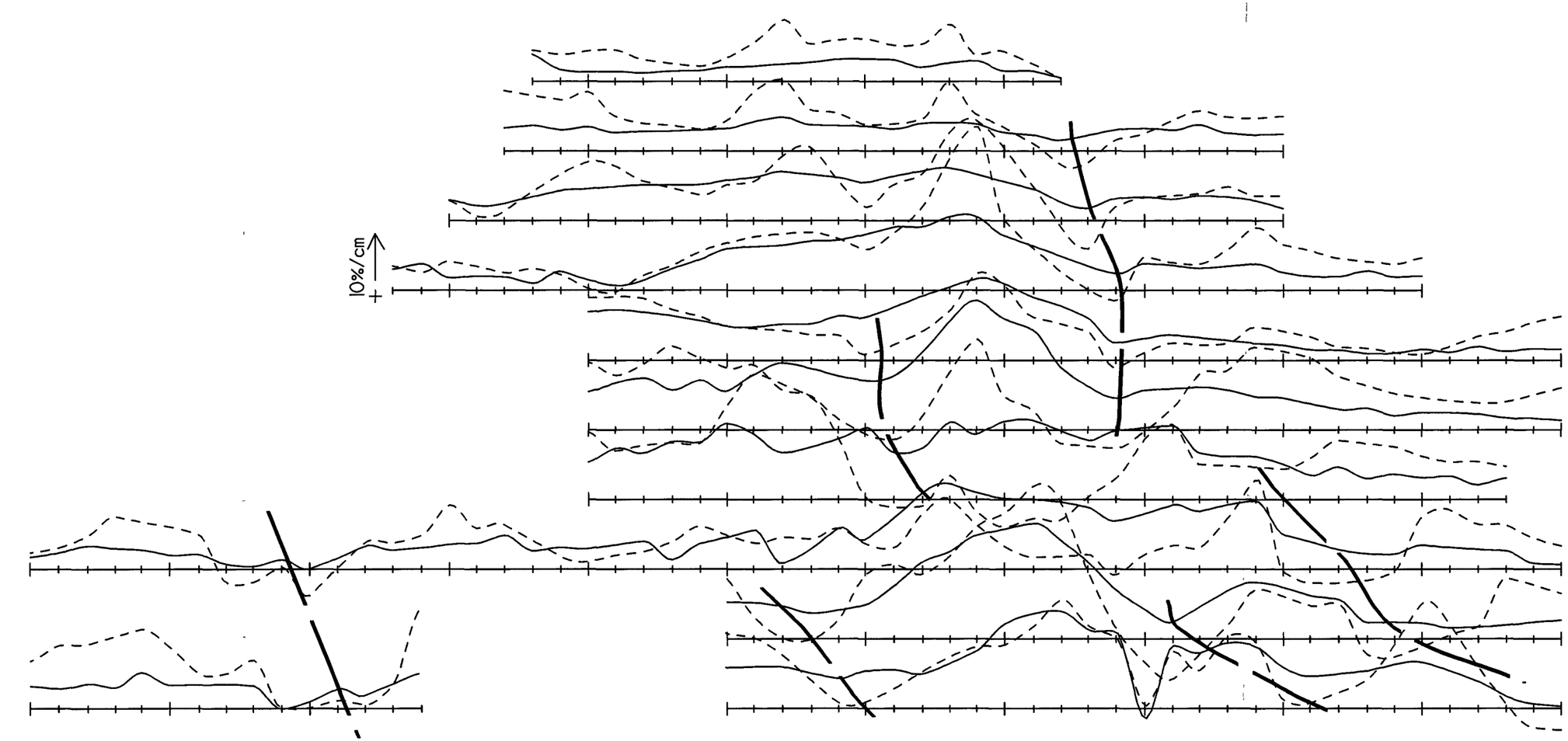


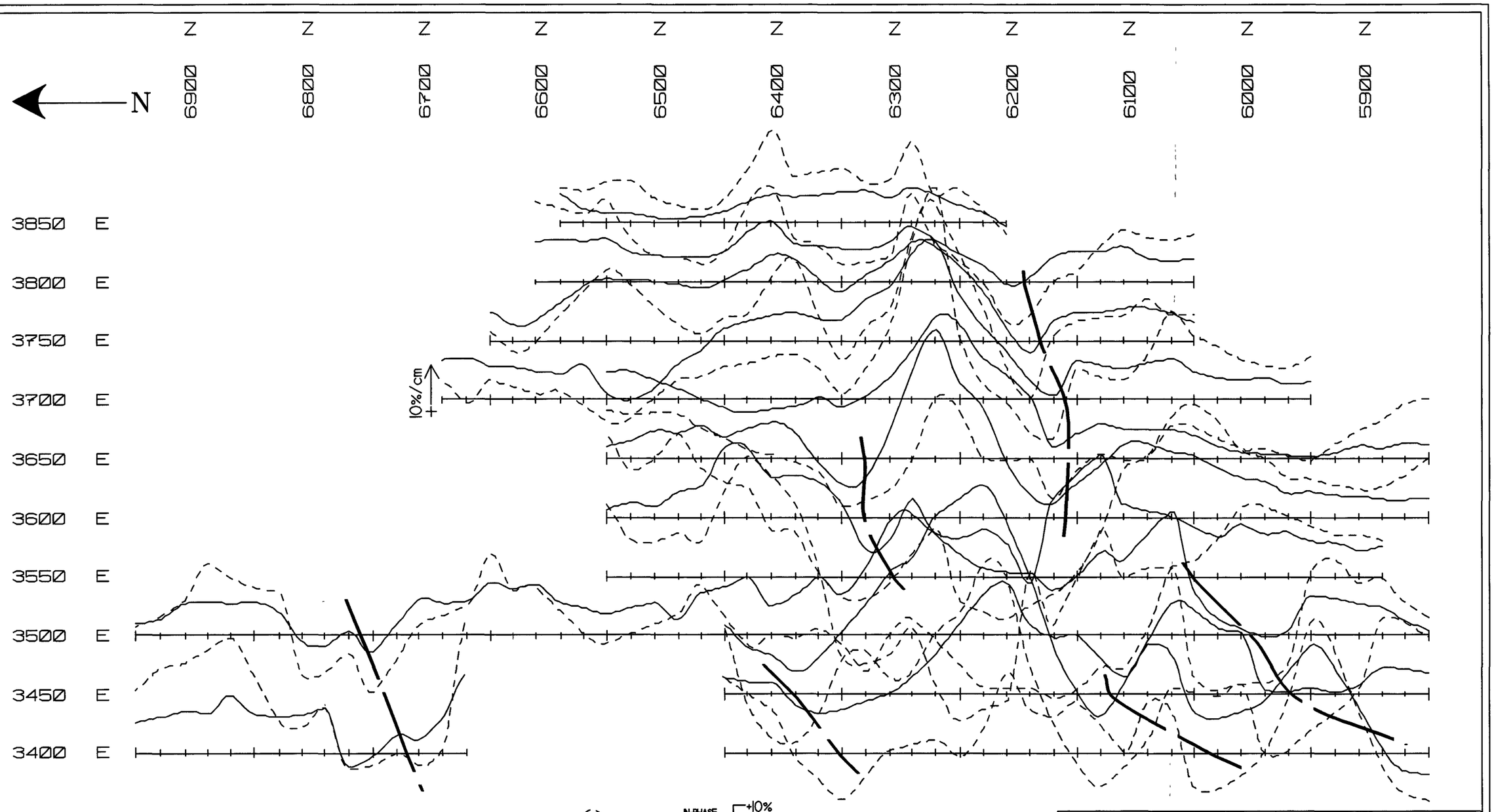
IN-PHASE +10%
Hz
QUADATURE -10%

0 metres 100

CONDUCTOR AXIS

VERTICAL SCALE: 10%/cm (positive upwards)
IN-PHASE - solid / QUADRATURE - dashed

TALLY HO PROPERTY	CARMEN'S DRIFT GRID CLAIMS: DRAFT
MAXMIN I-9 SURVEY 100m COILS - 14080Hz	MINING DISTRICT:WHITEHORSE
	NTS: 105 D/3 | SCALE: 1:3000
	OPERATOR: C.G./D.H.
AMEROK GEOSCIENCES LTD.	DATE: 07NOV97 | FIGURE:6



TALLY HO PROPERTY	CARMEN'S DRIFT GRID CLAIMS: DRAFT
MAXMIN I-9 SURVEY 100m COILS - 2816OHz	MINING DISTRICT:WHITEHORSE
	NTS: 105 D/3 | SCALE: 1:3000
	OPERATOR: C.G./D.H.
AMEROK GEOSCIENCES LTD.	DATE: 07NOV97 | FIGURE:7

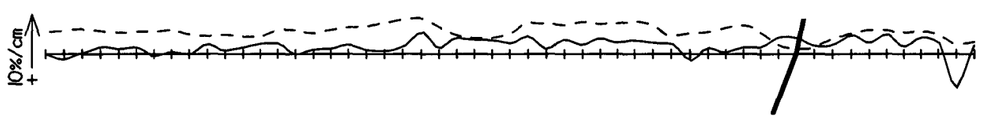
Z 6900 Z 6800 Z 6700 Z 6600 Z 6500 Z 6400 Z 6300 Z 6200 Z 6100

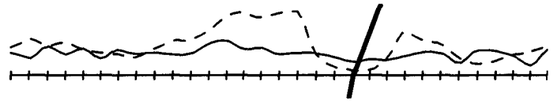
3925 E

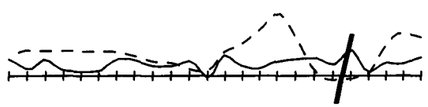
3800 E

3700 E

3400 E

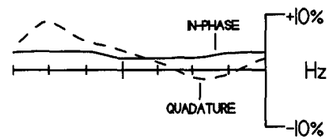






0 metres 100

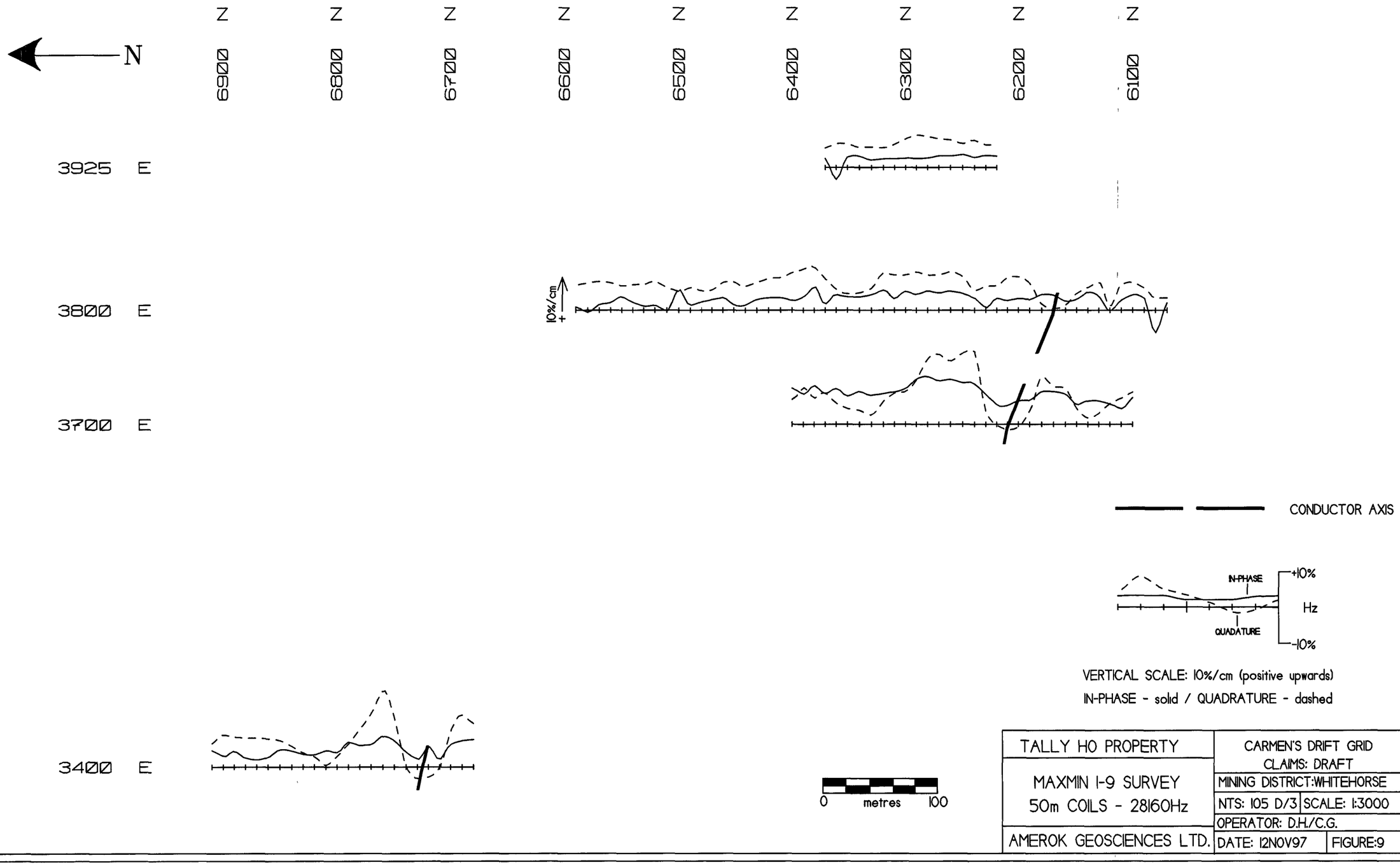
CONDUCTOR AXIS



VERTICAL SCALE: 10%/cm (positive upwards)

IN-PHASE - solid / QUADRATURE - dashed

TALLY HO PROPERTY	CARMEN'S DRIFT GRID CLAIMS: DRAFT
MAXMIN I-9 SURVEY 50m COILS - 14080Hz	MINING DISTRICT:WHITEHORSE
	NTS: 105 D/3 SCALE: 1:3000
	OPERATOR: D.H./C.G.
AMEROK GEOSCIENCES LTD.	DATE: 12NOV97 FIGURE:8


N
Z 6900
Z 6800
Z 6700
Z 6600
Z 6500
Z 6400
Z 6300
Z 6200
Z 6100
3925 E
3800 E
3700 E
3400 E
10%/cm
+
-
0 metres 100
CONDUCTOR AXIS
IN-PHASE
QUADATURE
+10%
Hz
-10%
VERTICAL SCALE: 10%/cm (positive upwards)
IN-PHASE - solid / QUADRATURE - dashed
TALLY HO PROPERTY
MAXMIN I-9 SURVEY
50m COILS - 28160Hz
AMEROK GEOSCIENCES LTD.
CARMEN'S DRIFT GRID
CLAIMS: DRAFT
MINING DISTRICT:WHITEHORSE
NTS: 105 D/3
SCALE: 1:3000
OPERATOR: D.H./C.G.
DATE: 12NOV97
FIGURE:9

N

6900 Z

6800 Z

6700 Z

6600 Z

6500 Z

6400 Z

6300 Z

6200 Z

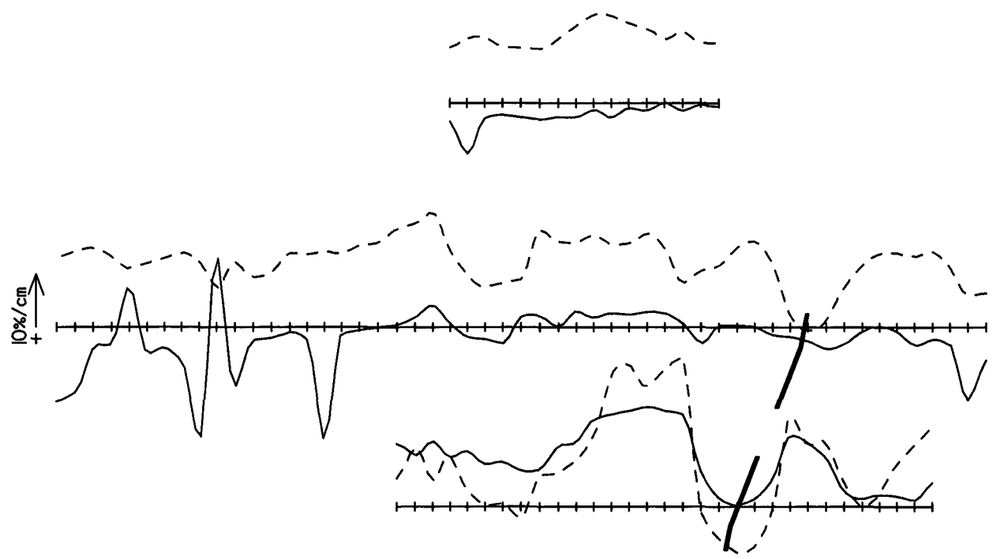
6100 Z

3925 E

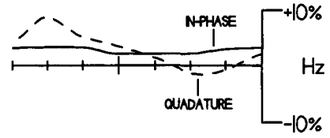
3800 E

3700 E

3400 E

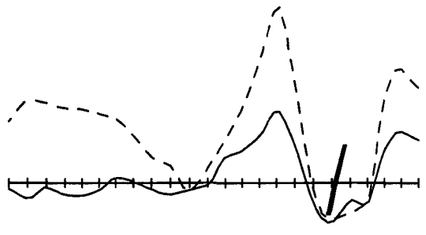


CONDUCTOR AXIS

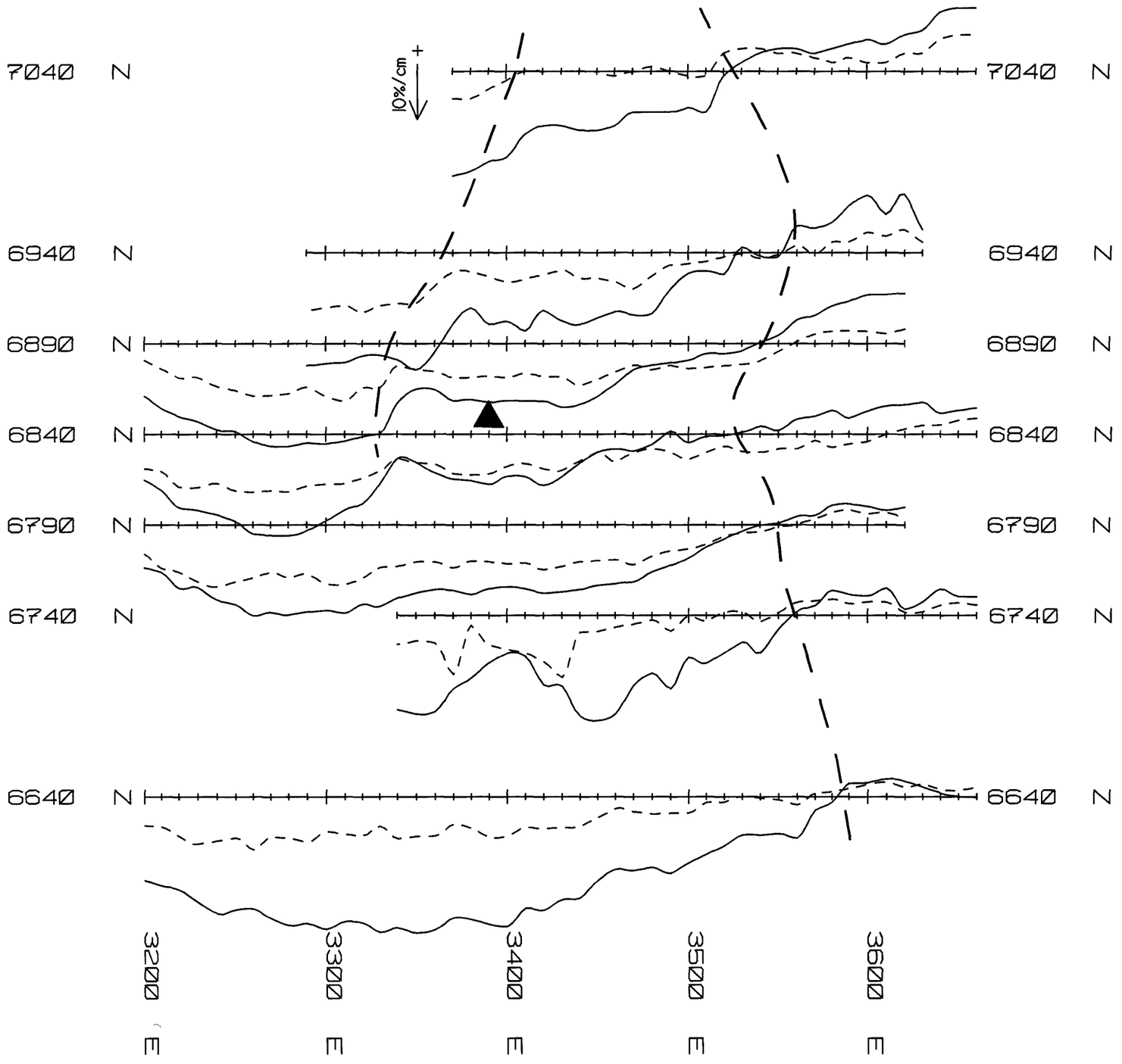


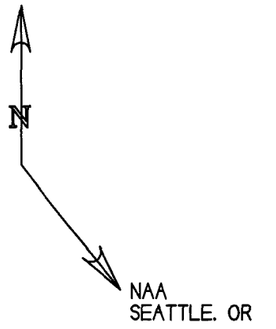
VERTICAL SCALE: 10%/cm (positive upwards)

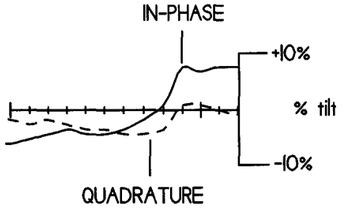
IN-PHASE - solid / QUADRATURE - dashed



TALLY HO PROPERTY	CARMEN'S DRIFT GRID CLAIMS: DRAFT
MAXMIN I-9 SURVEY 50m COILS - 56320Hz	MINING DISTRICT:WHITEHORSE
	NTS: 105 D/3 SCALE: 1:3000
	OPERATOR: D.H./C.G.
AMEROK GEOSCIENCES LTD.	DATE: 12NOV97 FIGURE:10





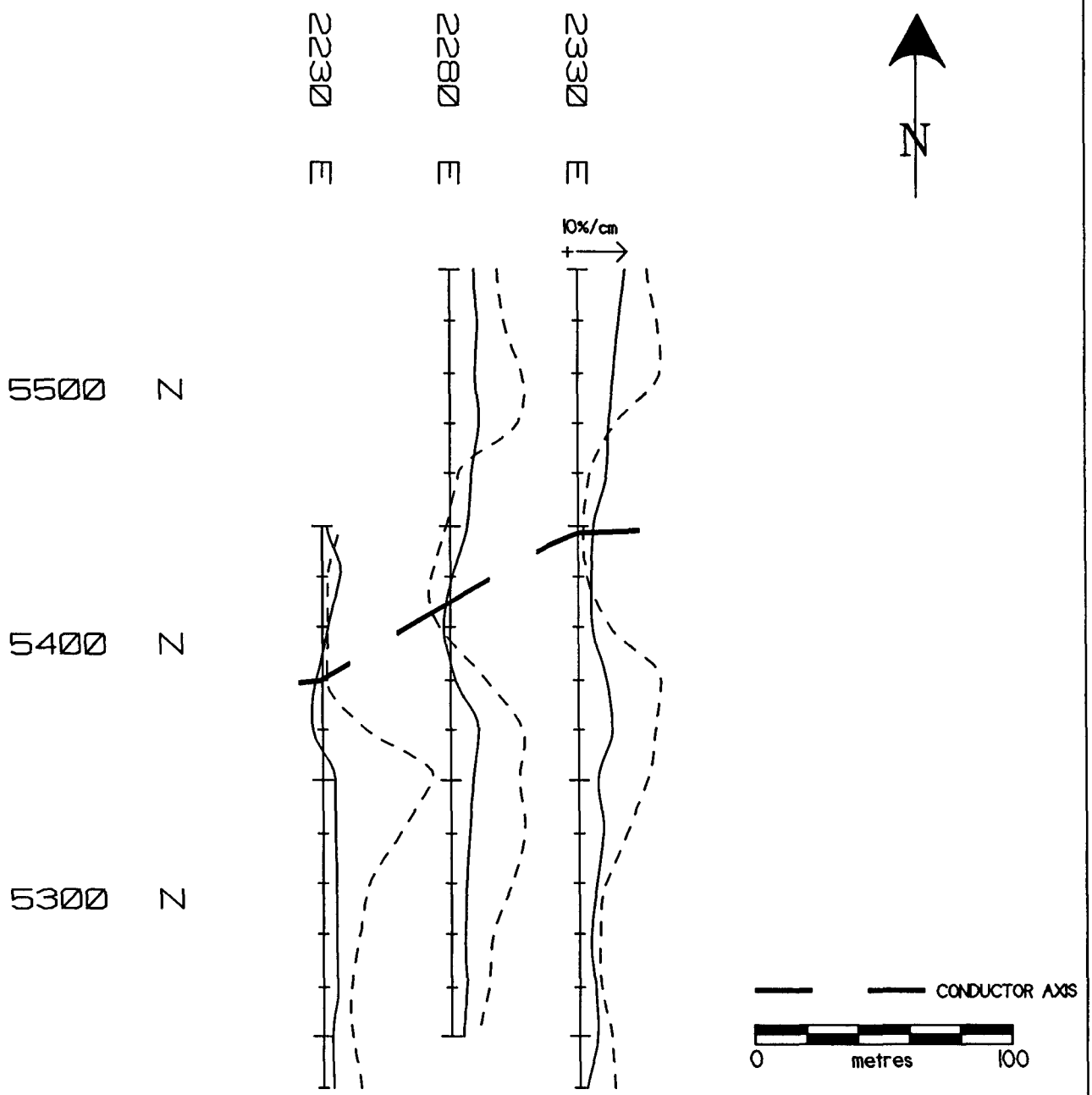


CONDUCTOR AXIS

SHOWING

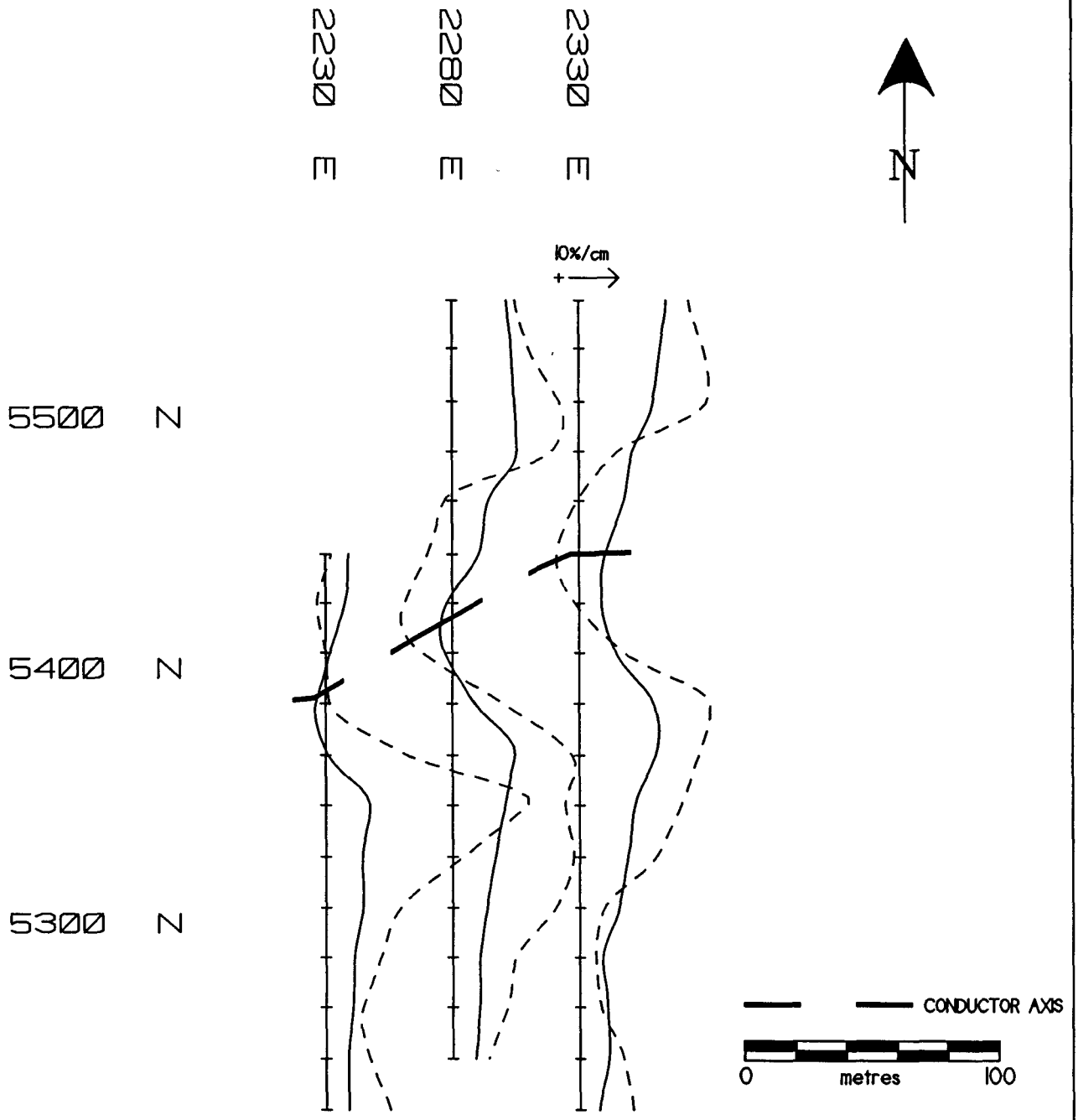
0 metres 100

TALLY HO PROPERTY	CLAIMS:DRAFT
Carmen's Drift VLF-EM SURVEY Stacked Profile Map	MINING DISTRICT:WHITEHORSE
	NTS: 105 D/3.6 SCALE: 1:2500
	OPERATOR: P.C/T.P
AMEROK GEOSCIENCES LTD.	DATE: 18FEB97 FIGURE:11



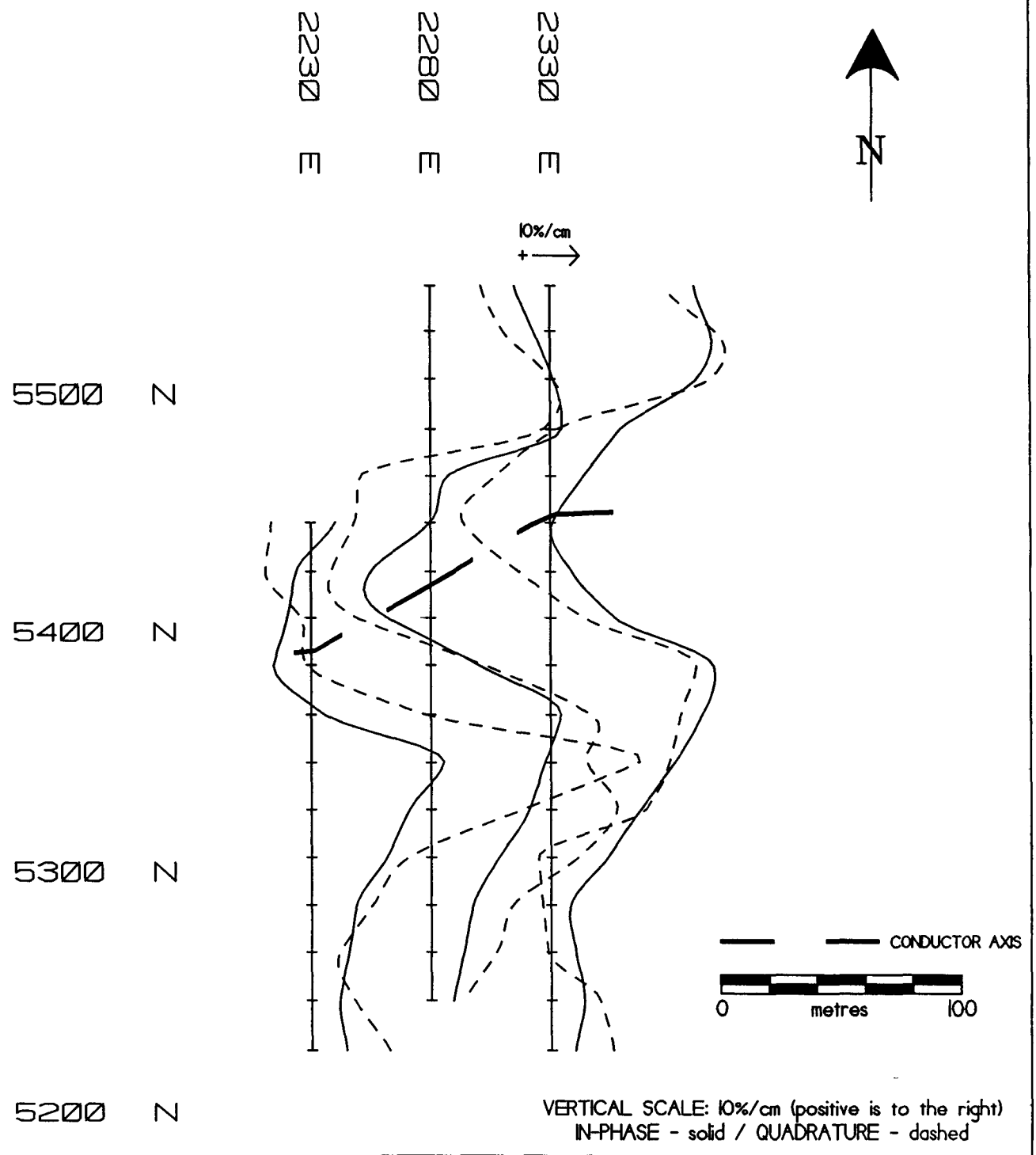
VERTICAL SCALE: 10%/cm (positive is to the right)
IN-PHASE - solid / QUADRATURE - dashed

TALLY HO PROPERTY	SINTER ZONE
MAXMIN I-9 SURVEY 100m COILS - 7040Hz	MINING DISTRICT: WHITEHORSE
	NTS: 105 D/3 SCALE: 1:2500
	OPERATOR: C.G./D.H.
AMEROK GEOSCIENCES LTD.	DATE: 12NOV97 FIGURE: 12A



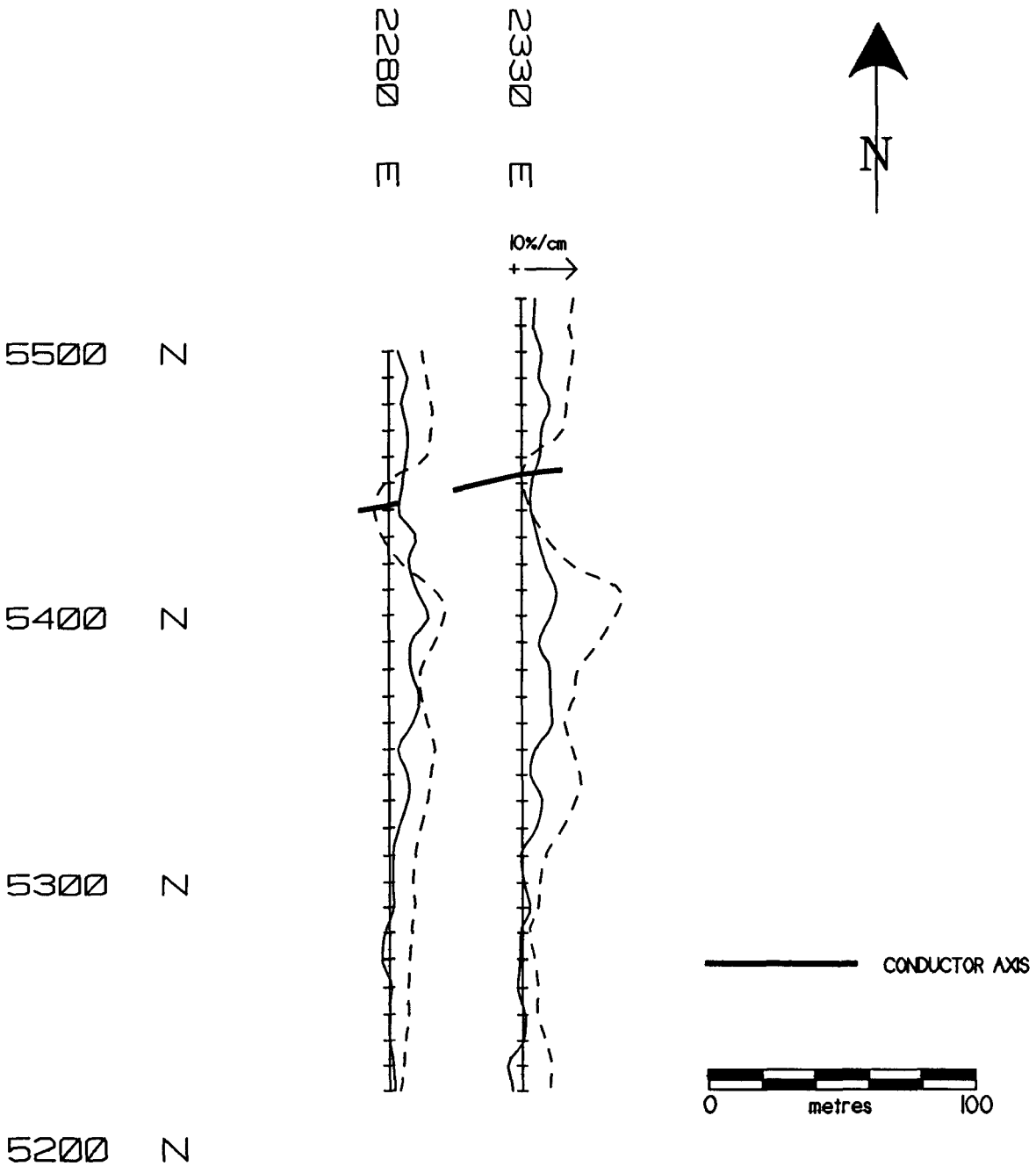
VERTICAL SCALE: 10%/cm (positive is to the right)
IN-PHASE - solid / QUADRATURE - dashed

TALLY HO PROPERTY	SINTER ZONE
MAXMIN I-9 SURVEY 100m COILS - 14080Hz	MINING DISTRICT: WHITEHORSE
	NTS: 105 D/3 | SCALE: 1:2500
	OPERATOR: C.G./D.H.
AMEROK GEOSCIENCES LTD.	DATE: 12NOV97 | FIGURE: 12B



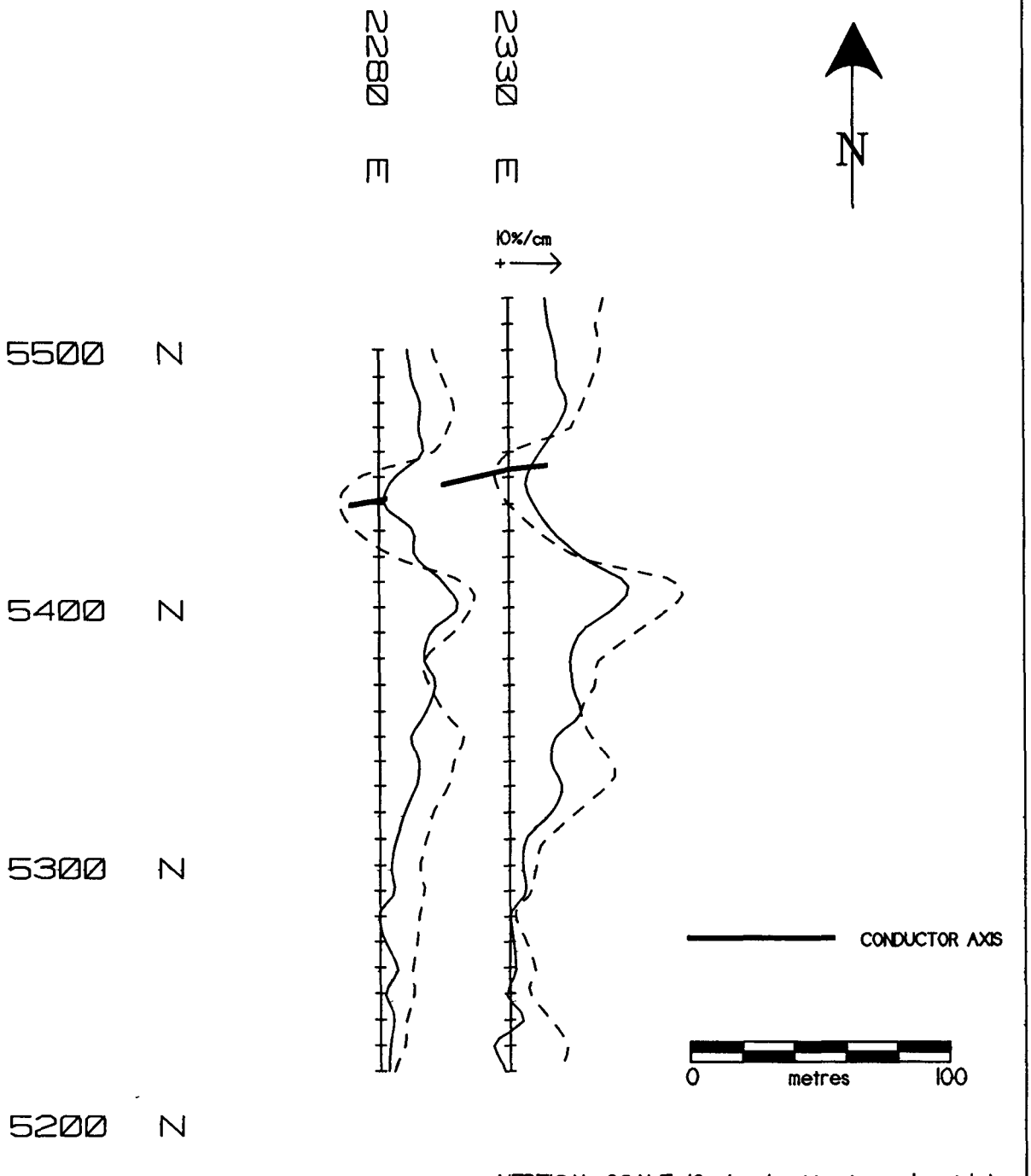
VERTICAL SCALE: 10%/cm (positive is to the right)
IN-PHASE - solid / QUADRATURE - dashed

TALLY HO PROPERTY	SINTER ZONE
MAXMIN I-9 SURVEY 100m COILS - 2816OHz	MINING DISTRICT: WHITEHORSE
	NTS: 105 D/3 SCALE: 1:2500
	OPERATOR: C.G./D.H.
AMEROK GEOSCIENCES LTD.	DATE: 12NOV97 FIGURE: 12C



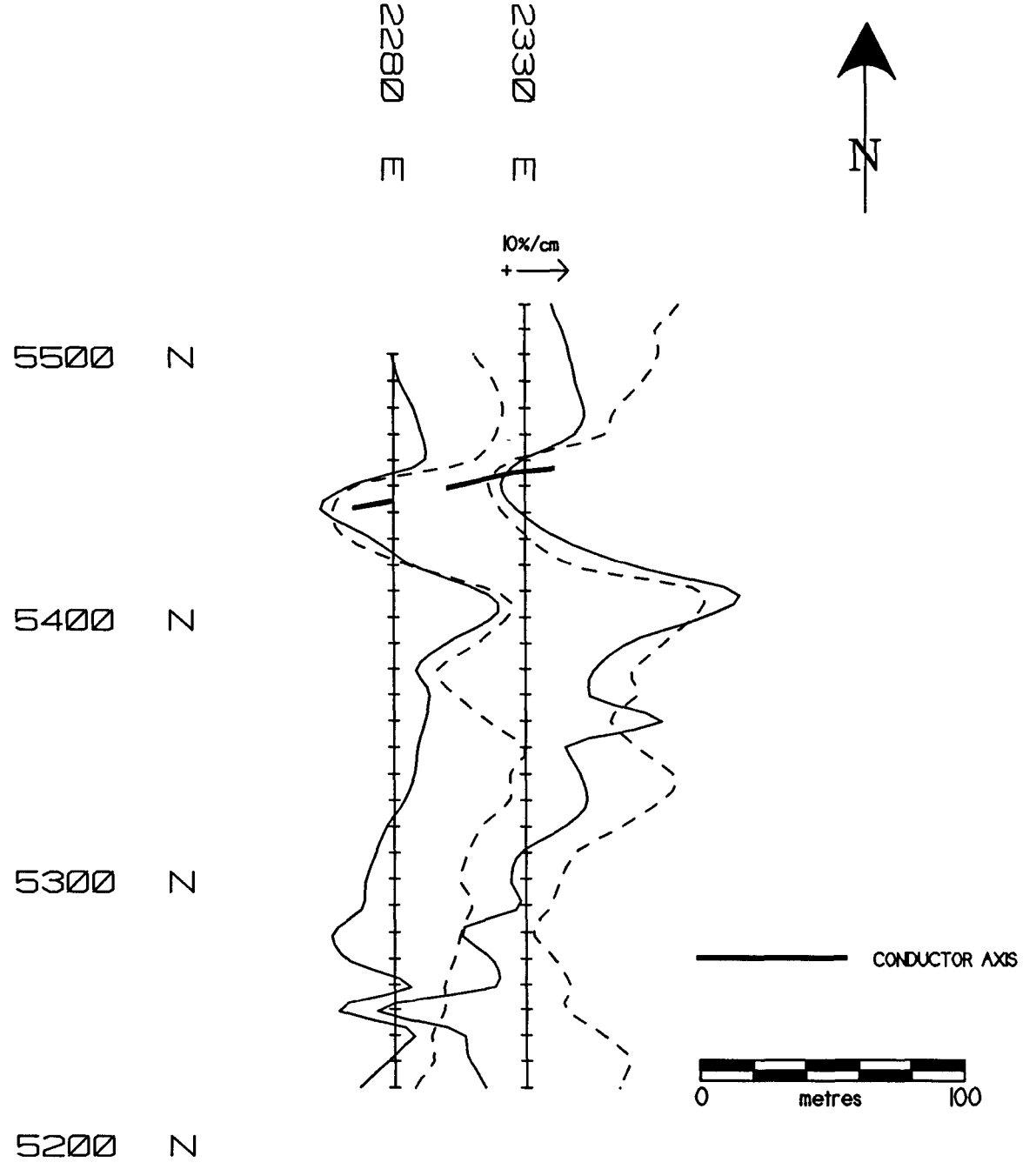
VERTICAL SCALE: 10%/cm (positive is to the right)
IN-PHASE - solid / QUADRATURE - dashed

TALLY HO PROPERTY	SINTER ZONE
MAXMIN I-9 SURVEY 50m COILS - 14080Hz	MINING DISTRICT: WHITEHORSE
	NTS: 105 D/3 SCALE: 1:2500
	OPERATOR: C.G./D.H.
AMEROK GEOSCIENCES LTD.	DATE: 12NOV97 FIGURE: 13A



VERTICAL SCALE: 10%/cm (positive is to the right)
IN-PHASE - solid / QUADRATURE - dashed

TALLY HO PROPERTY	SINTER ZONE
MAXMIN I-9 SURVEY 50m COILS - 2816OHz	MINING DISTRICT: WHITEHORSE
	NTS: 105 D/3 | SCALE: 1:2500
	OPERATOR: C.G./D.H.
AMEROK GEOSCIENCES LTD.	DATE: 12NOV97 | FIGURE: 13B



VERTICAL SCALE: 10%/cm (positive is to the right)
IN-PHASE - solid / QUADRATURE - dashed

TALLY HO PROPERTY	SINTER ZONE
MAXMIN I-9 SURVEY 50m COILS - 56320Hz	MINING DISTRICT: WHITEHORSE
	NTS: 105 D/3 | SCALE: 1:2500
	OPERATOR: C.G./D.H.
AMEROK GEOSCIENCES LTD.	DATE: 12NOV97 | FIGURE: 13C

veins and samples were taken only when quartz veins were encountered. Two trenches were long enough to merit geological mapping; trench logs are shown below:

Trench 97-1

Location: L3800E

STATION	LITHOLOGY
6165N	granodiorite; heavily sheared light tan/brown to orange, contains ~30% amphiboles, 5-10% biotite, 40% quartz, 20% feldspar; all crystals are subhedral to euhedral; no visible mineralization.
6170N	granodiorite; sheared, blocky, jointed, fractured with minor clay gauge; overall darker green than above.
6175N	granodiorite; sheared with dark brown clay gauge; amount of gauge and shearing increasing.
6180N	granodiorite; strongly sheared with orange clay gauge; no visible mineralization.
6187N	granodiorite; blocky and jointed; clay gauge present between angular clasts of granodiorite.
6190N	same as above

Trench 97-2

Location: L3920E

STATION	LITHOLOGY
6311N	granodiorite; fresh with some jointing and gauge within joints.

6315N	granodiorite; jointed and fractured; gauging within strongly fractured zones; overall "baked" appearance with abundant anhedral crystals.
6318N	quartz-calcite vein; pinching and swelling from .1-.3m; strike/dip 087°/42°; trace pyrite
6320N	granodiorite; fresh with minor gauge; ~55-70% mafics, 5% quartz, 25% feldspar; crystals subhedral.
6322N	granodiorite; altered, strong jointing and fracturing; trace pyrite; trace quartz/carbonate veinlets.
6325N	granodiorite; weakly altered; <1-2% euhedral pyrite; minor clay gauge.
6328N	granodiorite; narrow (5-10cm) zone moderately altered with small concentrations of pyrite.
6330N	granodiorite; weak to moderately altered; .8m wide shear zone with orange clay gauge; less pyrite.
6332N	minor shear zone (.2m wide) with orange clay gauge.
6335N	granodiorite; fresh; no pyrite present.
6337N	granodiorite; strongly jointed; moderate to strong alteration; dark green; trace pyrite; trace quartz-calcite stringers.
6339N	shear zone (.7m wide); strong gauging with remnant angular granodiorite clasts; no mineralization.
6341N	granodiorite; moderately altered; dark green; no mineralization present.

10.0 PROSPECTING AND SAMPLING

Prospecting was conducted over the area covered by the Carmen's Drift geophysical grid, on Tally Ho Mountain and around the showings on Mt. Stevens by Ron Stack between August 19 and September 13, 1997. His samples are together with the results of previous geochemical sampling conducted in 1996 are shown in Figures 14 to 18. A high grade gold showing was discovered approximately 400 m ESE of the No Man's Land showing on Draft 22. Assay certificates for all work conducted to date on the property are contained in Appendix D.

11.0 CONCLUSIONS

The results of the work conducted to date on the Tally Ho Property suggest the following conclusions:

a. Gold mineralization occurs in agentiferous galena and pyrite ore shoots within mesothermal quartz veins. These veins are of restricted strike length, generally less than 50 m and show widths ranging from 0.5 to rarely 2.0 m. Their depth extent is unknown. Gold concentration varies roughly with the proportion of galena suggesting that it is carried within this mineral. Gold grades vary from 0.1 to over 1.0 OPT in samples carrying disseminated to massive galena.

b. Mineralized veins generally strike either N or E adjacent to the axis of a NW-SE trending fault zone, suggesting they may be dilatant features associated with the Llewellyn Fault. The general trend of the mineralization extends from showings on Mt. Stevens through the showings at Carmen's Drift to the Tally Ho Gulch workings. Anomalous gold values were encountered in silt samples from drainages along this trend suggesting that there may be other as yet undiscovered showings of a similar nature along this trend.

c. The presence of a number of small high grade mesothermal quartz veins along a structural trend coupled with the anomalous stream geochemistry indicates that this trend may host larger, low grade gold mineralization at depth in areas where closely spaced small scale fractures may be more pervasive. Mesothermal quartz veins occur off this trend elsewhere in the immediate area (eg. on the Ton Claims) but they appear to be more common along the above mentioned trend.

498000E

502000E

6682000N

6682000N

WHEATON RIVER

MOUNT WHEATON

Stevens Creek

CARMENS DRIFT

NO MAN'S LAND

ENTER ZONE

SILVER QUEEN

TALLY HO MOUNTAIN

DICKSON HILL

Partridge Creek

LKgF

KV

KVS

LKqPP

LKgWV

KKqPP

LKbWV

mKqw?

TPm

TPl

Tub

Tb

JKMcg

TrA

5500

5000

4500

4000

3500

3000

2500

N

LEGEND

- Geological contact (defined, assumed)
- Fault (defined, assumed)
- Rivers, creeks
- Contours
- Roads
- UTM grid
- Claim boundary
- Showings
- Foliations
- Trench
- Pit
- Conductor axis
- 1996/1997 Geophysical grids
- V — Veins

CRETACEOUS

Late Cretaceous

- LKqF — Folle Mountain Stock (quartz-rich granite)
- LKqWV — Wheaton Valley Granodiorite (quartz diorite)
- LKqPP — Perkins Peak Plug (alaskite, granite)

Middle Cretaceous

- mKqw — Whitehorse Plutonic Suite (Leucocratic phase)

JURASSIC or CRETACEOUS

- JKMcg — Millhaven Conglomerate (conglomerate)

Carmacks (?) Group

- KV — Wheaton River Volcanics (andesite to dacite flows)
- KVS — Intercalated Epiclastic Rocks (greywacke, sandy tuff, limestone)

TRIASSIC

- Tub — Ultramafic rocks (pyroxenite, dunite)
- Tb — Tally Ho leucogabbro (orthogneiss)

Lewes River Group

- TPl — (augite porphyritic basalt)
- TPm — (amphibolite)

SCALE: 1:15 000

0 metres 500

TALLY-HO PROPERTY

NTS: 105 D/2, D/3, D/6, D/7

COMPILATION PROPERTY GEOLOGICAL MAP

FIGURE 4

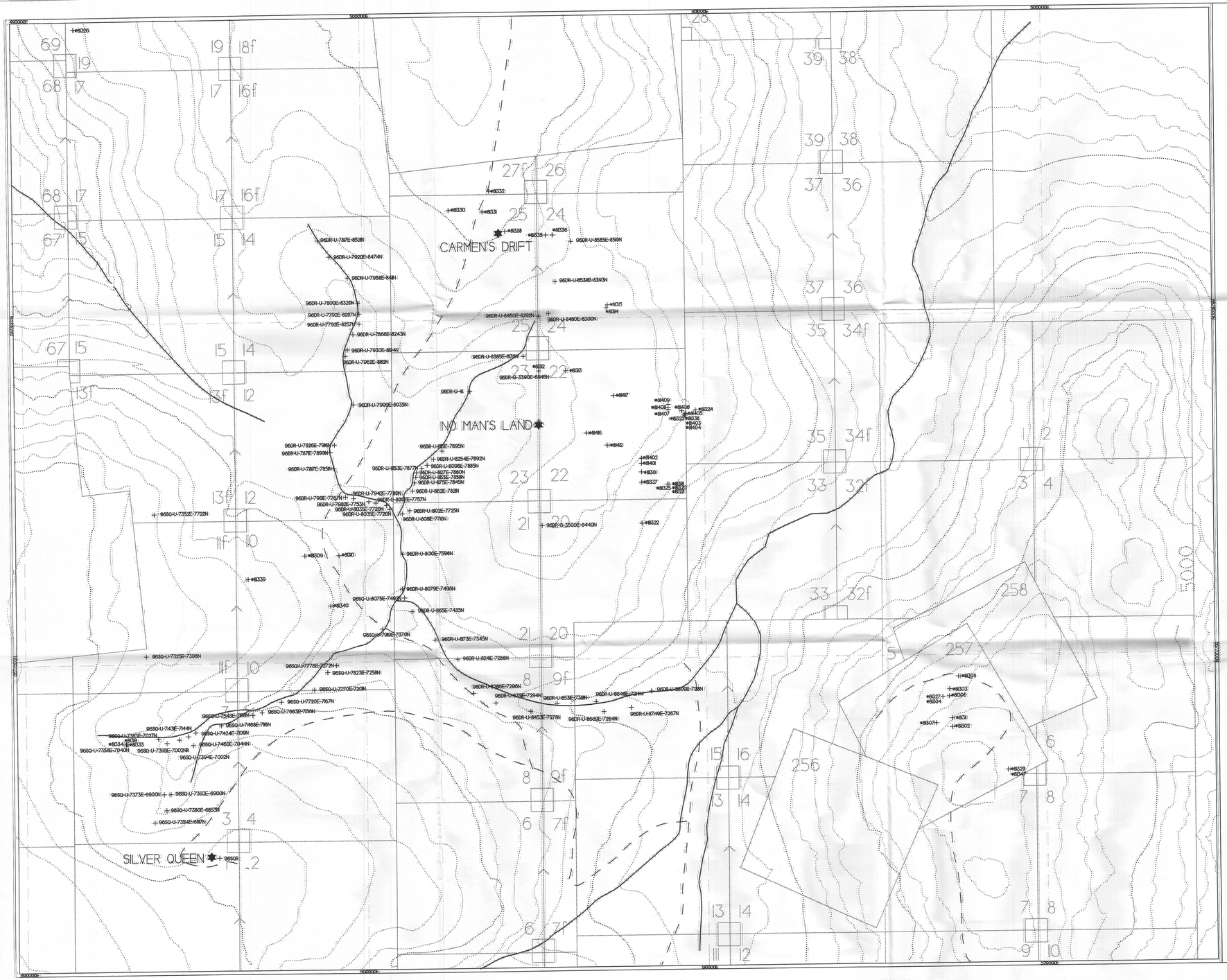
AMEROK GEOSCIENCES LTD.

6671000N

6671000N

495000E

502000E



LEGEND

N

- Rivers, creeks
- Contours
- Roads
- UTM grid
- Claim boundary
- Showings
- R ROCK SAMPLE
- SAMPLE LOCATION

SCALE: 1:5,000

0 metres 500

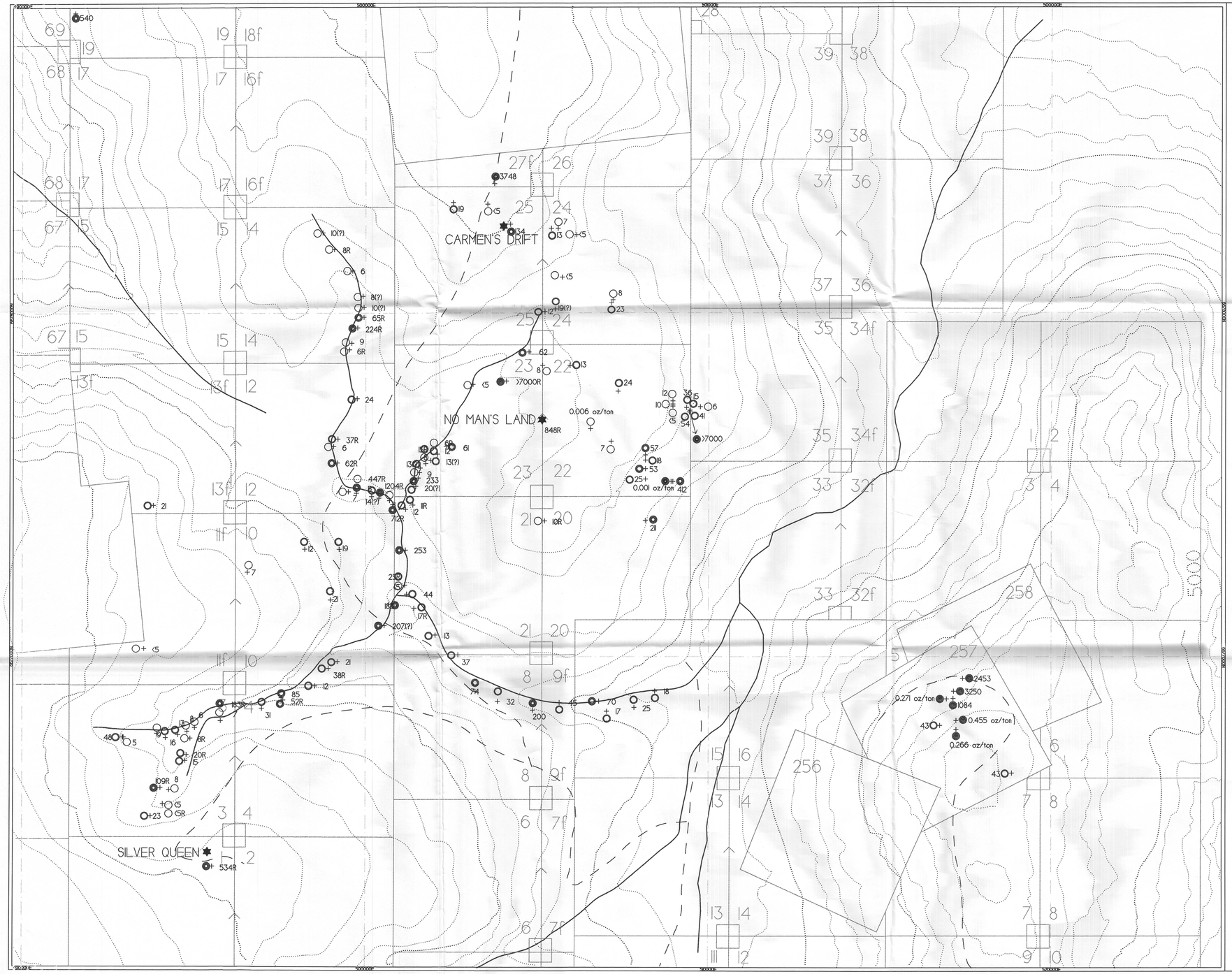
TALLY-HO PROPERTY

INTS: 105 D/2, D/3, D/6, D/7

GEOCHEMICAL SAMPLE LOCATIONS

FIGURE 14

AMEROK GEOSCIENCES LTD.



LEGEND

N

- Rivers, creeks
- Contours
- Roads
- UTM grid
- Claim boundary
- Showings
- > 5000 ppm
- 1001 - 5000 ppm
- 101 - 1000 ppm
- 51 - 100 ppm
- 11 - 50 ppm
- 0 - 10 ppm
- R ROCK SAMPLE
- \+ SAMPLE LOCATION

SCALE: 1:5,000

0 metres 500

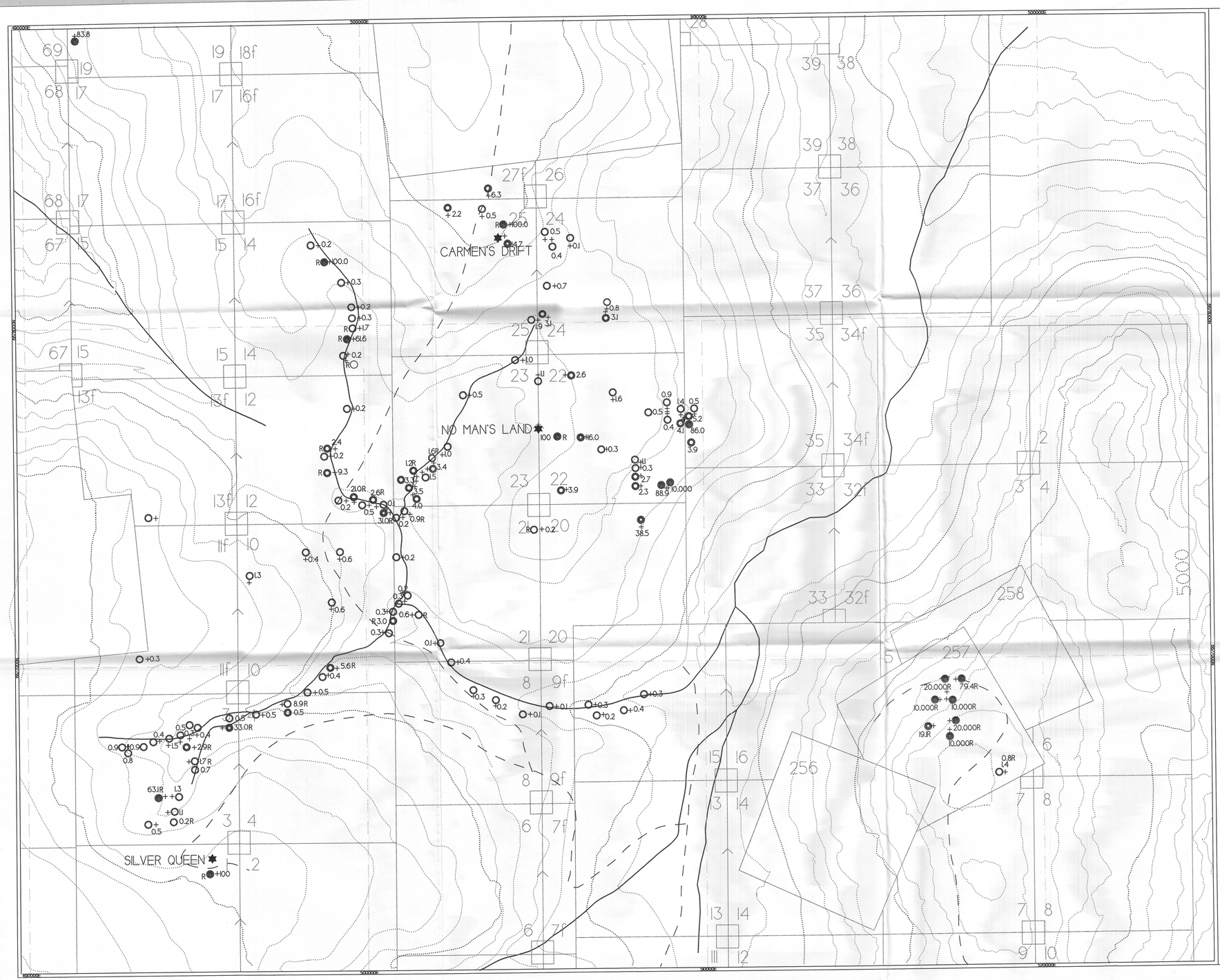
TALLY-HO PROPERTY

NTS: 105 D/2, D/3, D/6, D/7

GEOCHEMICAL RESULTS - GOLD

FIGURE 15

AMEROK GEOSCIENCES LTD.



LEGEND

N

- Rivers, creeks
- Contours
- Roads
- UTM grid
- Claim boundary
- Showings
- > 50 ppm
- 11 - 50 ppm
- 2 - 10 ppm
- 0.1 - 1 ppm
- (0.1 ppm
- R — ROCK SAMPLE
- \+ — SAMPLE LOCATION

SCALE: 1:5,000

0 metres 500

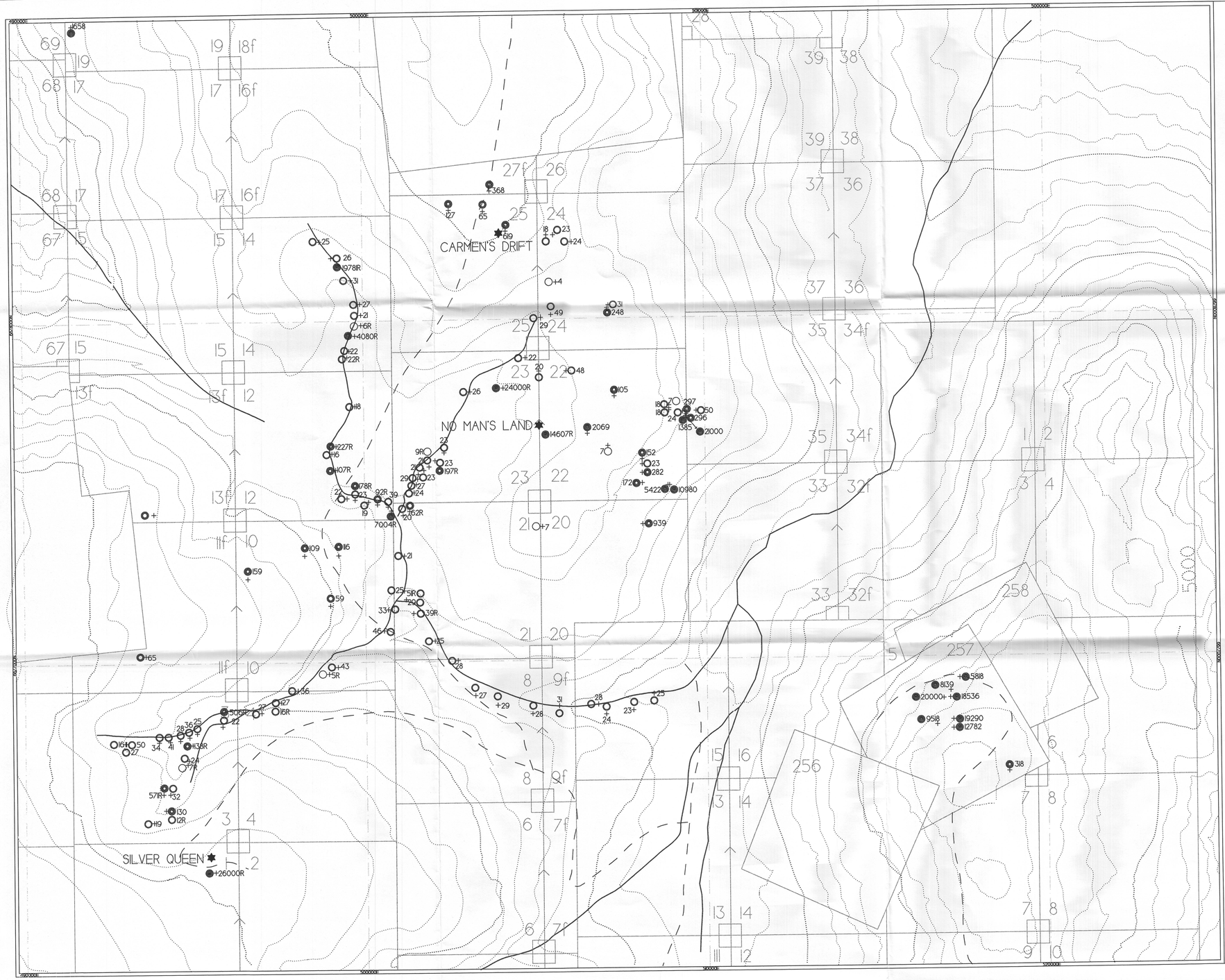
TALLY-HO PROPERTY

NTS: 105 D/2, D/3, D/6, D/7

GEOCHEMICAL RESULTS - SILVER

FIGURE 16

AMEROK GEOSCIENCES LTD.



LEGEND

N

- Rivers, creeks
- Contours
- Roads
- UTM grid
- Claim boundary
- Showings
- > 10.000 ppm
- 1.001 - 10.000 ppm
- 101 - 1.000 ppm
- 51 - 100 ppm
- 11 - 50 ppm
- 1 - 10 ppm
- R — ROCK SAMPLE
- \+ — SAMPLE LOCATION

SCALE: 1:5.000

0 metres 500

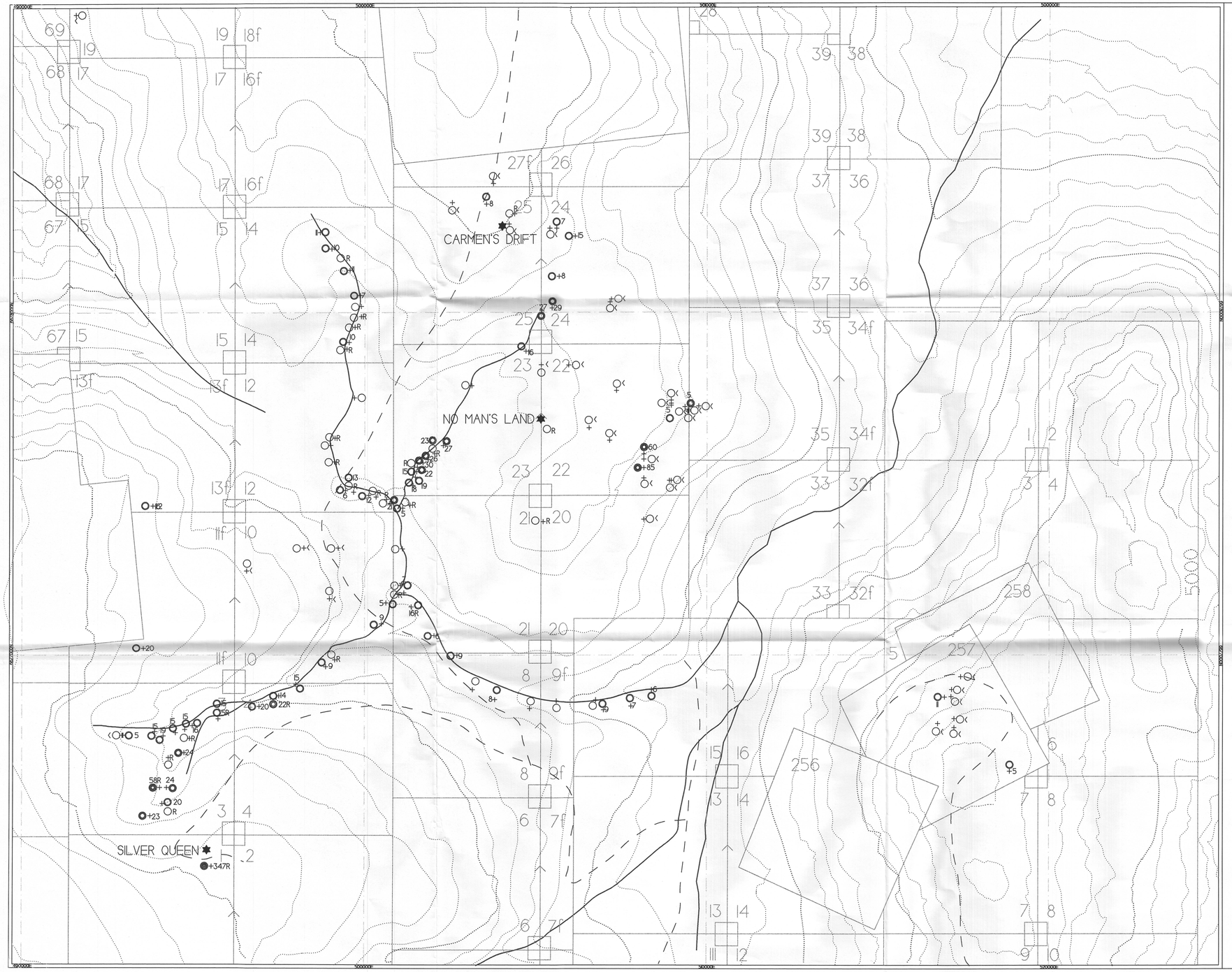
TALLY-HO PROPERTY

NTS: 105 D/2. D/3. D/6. D/7

GEOCHEMICAL RESULTS - LEAD

FIGURE 17

AMEROK GEOSCIENCES LTD.



LEGEND

N

Rivers, creeks

Contours

Roads

UTM grid

Claim boundary

Showings

\> 101 ppm

51 - 100 ppm

21 - 50 ppm

1 - 20 ppm

< 1.0 ppm

R ROCK SAMPLE

\+ SAMPLE LOCATION

SCALE: 1:5,000

0 metres 500

TALLY-HO PROPERTY

NTS: 105 D/2, D/3, D/6, D/7

GEOCHEMICAL RESULTS - ARSENIC

FIGURE 18

AMEROK GEOSCIENCES LTD.

12.0 RECOMMENDATIONS

The following recommendations are made based on the above conclusions:

a. An area approximately 2 km wide extending from Mt. Stevens to Tally Ho Gulch should be flown with a helicopter EM system to map resistivity and to detect small scale structures associated with gold mineralization. This work would require approximately 100 line-km of survey at an estimated cost of $20,000.

b. Anomalous resistivity trends associated with gold showing should be tested by three 400 m drill holes at an estimated cost of $60,000.

Respectfully submitted,

AMEROK GEOSCIENCES LTD.

Carmen C. Lee, B.Sc.
Geologist

References cited

Doherty, R.A. and C.J.R. Hart (1989) Preliminary geology of Fenwick Creek (105 D/3) and Alligator Lake (105 D/6) map areas. INAC Open File 1988-2, Indian and Northern Affairs Canada.

Hart, C.J. and J.K. Radloff (1991) Geology of Whitehorse, Alligator Lake, Fenwick Creek, Carcross and part of Robinson map areas (105 D/2, 3, 6, 7, & 11) INAC Open-File 1990-4, Indian and Northern Affairs Canada.

MacLean, T.A. (1914) Lode Mining in Yukon. Ottawa: Mines Branch.

Mihalynuk, M.G. and K. Mountjoy (1990) Geology of the Tagish Lake Area (Edgar Lake 104 M/8 and Warm Creek 104 M/9E) in: Geological Fieldwork 1989, British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1989-1, p. 293-310.

Wheeler, J.O. and P. McFeely (1987) Tectonic Assemblage Map of the Canadian Cordillera, Geological Survey of Canada, Open File 1565.

Appendix A. Statement of Qualifications

I, Carmen C. Lee with residence in Whitehorse, Yukon Territory, certify that:

1. I obtained a Bachelor of Science Degree in Geology from the University of Calgary in 1996.

2. I have been employed in mineral exploration and geophysical research since 1996.

3. I have conducted geological and geochemical surveys on the Tally Ho Property in 1996 and have prepared this report using data supplied by Gary Lee and collected by crews employed by Amerok Geosciences Ltd.

Carmen C. Lee, B.Sc.

Whitehorse, Yukon Territory
February 3, 1998

Appendix B. Survey Log

Date	Activity
17 Aug 97	Mobilize to property. Crew consisting of Gary Lee and Ron Stack. Check JD-450 and camp.
18 Aug 97 to 13 Sep 97	Trenching program at Carmen's Drift, No Man's Land and new showings (Gary Lee) and prospecting on Mt. Stevens, Tally Ho Mountain and Mt. Wheaton. (Ron Stack). Total CAT hours - 92. Limited blasting at Carmen's drift. Extend property grid to Tally Ho Mountain.
01 Sep 97	Visit by Graham Davidson, P. Geol. to inspect showings.
14 Sep 97	Demobilize from property.
19 Oct 97	Mobilize to property. Crew consist of Gary Lee, Dan Hall, Chris Gooliaff.
20 Oct 97 to 23 Oct 97	MaxMin survey on Carmen's Drift and No Man's Land showings. Trenching on extension to Carmen's Drift showing (Gary Lee). Line cutting / gridding to extend known grids.
24 Oct 97	Demobilize crew from Mt. Stevens.

Summary

Gary Lee	- 19 days
Ron Stack	- 18 days
Graham Davidson	- 1 day
Dan Hall	- 6 days
Chris Gooliaff	- 6 days
Total man-days	- 50

Appendix C. Statement of Costs

Gridding and line cutting	$3,570.00
Prospecting	$2,500.00
Geophysical survey	$6,848.00
Trenching: 115 hrs @ $60	$6,900.00
Trenching: operator wages	$4,000.00
Blasting	$840.00
Groceries, camp and fuel	$4,245.00
Truck rental	$1,322.00
Assays	$685.00
Geological consulting	$1890.00
Data processing, CADD, Report	$3,500.00
Total expenditures	***$36,300.00***

Appendix D. Assay certificates

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: LEE, GARY **

P.O. BOX 5348
WHITEHORSE, YT
Y1A 4Z2

Project :
Comments: ATTN: GARY LEE

Page Number :1-A
Total Pages :1
Certificate Date: 19-OCT-97
Invoice No. :I9746988
P O. Number :
Account :PLS

CERTIFICATE OF ANALYSIS A9746988

SAMPLE	PREP CODE		Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
81347	208	276	< 0.03	0.8	0.86	< 2	180	< 0.5	< 2	1.01	4.5	6	69	22	1.89	< 10	< 1	0.33	10	0.36	665

CERTIFICATION:

Northern Analytical Laboratories ltd.

07/10/97 Assay Certificate Page 1

Gary Lee WO# 07932

Certified by

Sample #	Au ppb	Au oz/ton
81312	8	
81313	13	
81314	23	
81315	8	
81316		0.006
81317	24	
81318	23	
81319	5	
81320	412	
81321		0.001
81322	211	
81323	54	
81324	6	
81325		0.010
81329	18	
81330	19	
81331	<5	
81332	3748	
81333	48	
81334	14	
81335	13	
81336	7	
81337	25	
81338	>7000	
81339	7	
81340	21	
81342	11	
81343	10	
81344	39	
81345	16	

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph (403) 668-4968 Fax: (403) 668-4890

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: LEE, GARY **

P.O. BOX 5348
WHITEHORSE, YT
Y1A 4Z2

Project :
Comments: ATTN: GARY LEE

Page Number :1-B
Total Pages :1
Certificate Date: 19-OCT-97
Invoice No. :I9746988
P.O. Number :
Account :PLS

CERTIFICATE OF ANALYSIS A9746988

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
81347	208	276	< 1	0.03	3	730	158	< 2	1	38	0.02	< 10	< 10	17	< 10	70

CERTIFICATION: Stewart Buchan

Gary Lee WO# 07932

Certified by

Sample #	Au ppb	Au oz/ton
81346	64	
81302		0.266
81327		0.271

Note: Sample number 81302 was originally from WO#07903.
Sample number 81327 was originally from WO#07908.

Northern Analytical Laboratories ltd.

16/09/97 Assay Certificate Page 1

Gary lee WO# 07908

Certified by

Sample #	Au ppb	Au oz/t
81304	1774	
81305	53	
81306	1084	
81307	43	
81308	2453	
81309	12	
81310	19	
81327	>7000	0.204
81328	134	
81311		0.455

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Northern Analytical Laboratories ltd.

16/09/97 Assay Certificate Page 1

Gary Lee WO# 07903

Certified by

Sample #	Au ppb
81301	53
81302	>7000
81303	3250
81326	520

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Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 97I0909

Client : Northern Analytical Laboratories
Project: PO#332333 WO#7908

10 Samples
10=Pulp

[090912:29:16:79092297]

Out: Sep 22, 1997
In : Sep 15, 1997

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
81304	P	0.1m	55	2.1%	11	6	9	<	35	<	59	8.5	2	3	<	<	181	4	530	<	4	<	<	<	0.06	0.02	0.62	0.01	0.01	0.02	<
81305	P	6.8	58	711	44	<	<	<	6	<	<	2.5	9	3	116	<	95	9	576	19	32	1	1	<	0.76	0.89	1.67	0.34	0.25	0.04	0.08
81306	P	0.1m	839	18536	4883	<	620	<	5	<	70	1.4m	4	2	<	<	91	<	124	2	66	<	<	<	0.04	0.02	0.67	<	0.03	0.01	<
81307	P	19.1	14	9518	69	<	20	<	1	<	<	19.8	1	2	9	<	169	2	97	<	4	<	<	<	0.05	0.02	0.50	0.01	0.04	0.01	<
81308	P	79.4	2843	5818	414	<	7	<	2	<	<	43.5	3	12	3	<	204	4	149	<	5	1	<	<	0.17	0.13	0.81	0.11	0.01	0.01	0.02
81309	P	0.4	25	109	82	<	<	<	1	<	<	4.4	10	7	996	<	64	16	1128	18	134	1	2	<	0.64	5.12	2.46	0.32	0.24	0.02	0.08
81310	P	0.6	19	116	93	<	<	<	2	<	<	4.4	11	6	396	<	87	11	1943	8	128	1	2	<	0.37	6.23	3.00	0.98	0.17	0.02	0.04
81311	P	0.2m	1680	19290	26	<	54	<	5	<	3	70.2	4	2	<	<	143	<	113	<	14	<	<	<	0.03	0.09	3.42	0.02	<	0.01	<
81327	P	0.1m	353	2.0%	15	11	12	<	23	<	65	9.5	1	3	<	<	175	<	54	<	6	<	<	<	0.03	0.03	0.73	<	<	0.01	<
81328	P	14.7	14	619	6	<	<	<	2	<	<	0.5	5	2	33	<	159	3	148	3	3	<	<	<	0.12	0.04	1.00	0.04	0.07	0.01	0.01
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % P=Pulp

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CERTIFICATE OF ANALYSIS
iPL 97I0906

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Client : Northern Analytical Laboratories
Project: PO#332333 WO#7903

4 Samples
4=Pulp

[090612:29:54:79092297]

Out: Sep 22, 1997
In : Sep 15, 1997

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
81301	P	2.7	1855	282	42	85	40	<	2	<	16	1.0	13	75	246	<	212	19	419	<	40	<	3	<	0.43	2.12	2.04	0.48	<	0.01	0.02
81302	P	0.1m	40	12782	33	<	7	<	38	<	<	10.2	3	2	17	<	160	2	375	2	30	1	<	<	0.21	0.39	1.16	0.11	0.04	0.02	<
81303	P	0.2m	1717	8139	130	<	6	<	5	<	<	4.3	2	5	14	<	231	2	42	<	2	<	<	<	0.08	0.02	1.11	0.03	0.02	0.01	0.02
81326	P	83.8	688	1658	16	<	<	<	8	<	62	0.9	4	3	48	<	168	5	124	3	7	<	<	<	0.24	0.10	1.40	0.09	0.11	0.02	0.02
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % P=Pulp

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CERTIFICATE OF ANALYSIS
iPL 97J1002

Client : Northern Analytical Laboratories
Project: WO# 7932

31 Samples
31=Pulp

[100212:33:01:79100997]

Out: Oct 09, 1997
In : Oct 06, 1997

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
81312	P 1.1	10	20	28	<	<	<	7	<	<	0.2	3	4	33	<	168	10	231	3	8	<	1	0.01	0.25	0.06	1.09	0.13	0.06	0.02	0.01
81313	P 2.6	31	48	51	<	<	<	4	<	<	0.6	10	4	34	<	159	14	385	3	4	<	1	<	0.42	0.05	1.82	0.27	0.07	0.02	0.01
81314	P 3.1	26	248	10	<	<	<	20	<	3	0.5	2	4	22	<	161	4	82	3	3	<	<	<	0.10	0.02	0.85	0.03	0.05	0.02	<
81315	P 0.8	5	31	14	<	<	<	4	<	<	0.5	5	3	48	<	131	3	299	3	12	<	<	<	0.15	0.36	0.63	0.03	0.11	0.02	0.02
81316	P 16.0	102	2069	8	<	<	<	8	<	<	2.1	1	3	14	<	174	2	70	<	3	<	<	<	0.07	0.02	0.47	0.02	0.04	0.02	<
81317	P 1.6	28	105	18	<	<	<	5	<	<	0.3	1	3	8	<	173	3	82	<	2	<	<	<	0.06	<	0.94	0.02	0.03	0.02	<
81318	P 3.9	521	149	74	<	<	<	6	<	<	16.6	10	3	100	<	75	23	479	16	33	1	2	0.03	1.14	0.59	2.81	0.65	0.37	0.02	0.16
81319	P 0.9	8	16	31	5	<	<	3	<	<	3.2	<	4	26	<	85	8	222	<	29	<	1	<	0.06	9.29	0.45	1.07	0.01	0.01	<
81320	P 0.1m	180	10980	7	<	<	<	3	<	88	3.3	1	4	<	<	198	<	32	<	5	<	<	<	0.02	0.06	0.58	0.01	0.02	0.02	<
81321	P 3.5	366	287	15	<	<	<	5	<	<	2.8	2	2	141	<	107	10	55	13	116	1	1	0.01	0.48	0.18	2.12	0.18	0.31	0.06	0.04
81322	P 38.5	2081	939	77	<	<	<	12	<	22	6.0	7	3	35	<	105	29	321	9	18	1	2	0.01	0.80	0.23	3.06	0.44	0.09	0.04	0.09
81323	P 4.1	39	296	31	<	<	<	11	<	<	0.6	3	4	47	<	159	9	166	6	8	1	1	<	0.21	0.07	1.86	0.06	0.12	0.02	0.03
81324	P 0.5	19	50	41	<	<	<	4	<	<	0.2	12	5	43	<	135	13	643	<	24	1	<	<	0.60	0.70	5.37	0.38	0.13	0.02	<
81325	P 88.9	436	5422	16	<	5	<	10	<	66	2.9	1	4	25	<	203	5	97	5	19	1	<	<	0.13	0.05	1.41	0.04	0.07	0.02	0.02
81329	P 1.4	31	318	231	5	<	<	2	<	<	23.1	6	3	162	<	62	7	953	14	110	4	1	0.02	0.79	2.43	1.51	0.32	0.50	0.04	0.09
81330	P 2.2	19	127	31	<	<	<	5	<	<	0.4	8	4	97	<	157	14	112	4	39	1	<	<	0.31	0.11	3.86	0.10	0.16	0.04	0.03
81331	P 0.5	18	65	85	8	<	<	1	<	<	2.1	8	3	81	<	38	23	1015	29	33	1	2	<	1.36	0.54	2.03	0.45	0.23	0.03	0.07
81332	P 6.3	16	368	91	<	<	<	8	<	4	1.9	6	5	40	<	142	6	147	4	7	<	<	<	0.37	0.07	2.47	0.15	0.16	0.01	0.01
81333	P 0.8	5	50	62	<	<	<	4	<	<	2.6	<	3	12	<	56	5	187	<	80	<	1	<	0.05	11%	0.33	6.06	0.02	0.01	<
81334	P 0.9	7	27	38	<	<	<	4	<	<	2.5	1	7	11	<	100	7	183	<	83	<	1	<	0.05	9.77	0.43	3.70	0.01	0.01	<
81335	P 0.5	16	18	9	<	<	<	2	<	<	0.6	5	3	67	<	66	4	233	21	9	12	1	<	0.23	0.22	0.61	0.06	0.17	0.06	0.01
81336	P 0.4	16	23	54	7	<	<	4	<	<	0.9	10	6	228	<	58	25	961	31	20	3	2	<	0.74	0.87	2.59	0.17	0.25	0.04	0.09
81337	P 2.3	24	172	33	<	<	<	4	<	<	2.2	7	4	128	<	103	13	254	15	12	1	1	<	0.67	0.38	1.83	0.24	0.30	0.02	0.13
81338	P 86.0	82	2.1%	16	<	16	<	6	<	12	2.0	2	9	<	<	533	4	83	<	4	1	<	<	0.06	0.06	0.86	0.02	0.04	0.02	<
81339	P 1.3	365	159	34	<	<	<	4	<	<	1.2	10	7	1314	<	67	8	573	27	46	1	2	<	0.40	1.03	1.88	0.09	0.25	0.03	0.07
81340	P 0.6	9	75	61	<	<	<	1	<	<	1.8	11	8	407	<	46	25	928	22	89	1	2	<	0.83	3.10	2.34	0.47	0.19	0.03	0.09
81342	P 1.8	821	52	28	<	<	<	2	<	8	1.5	38	15	30	<	37	10	648	24	725	6	3	<	0.53	8.07	12%	0.54	0.25	0.01	0.03
81343	P 2.5	38	198	1176	127	<	<	4	<	<	12.1	<	<	18	<	11	2	1012	3	147	1	1	<	0.10	24%	0.93	4.75	0.02	0.02	0.01
81344	P 0.2m	1952	17399	16461	4.1%	59	<	<	<	766	0.3m	3	4	8	<	14	16	227	<	214	4	<	<	0.07	0.49	19%	0.04	<	<	0.02
81345	P 0.2m	47	17802	9102	307	155	<	1	<	<	21.5	<	3	<	<	8	<	3.8%	2	112	<	<	<	0.03	15%	3.42	4.50	0.03	0.02	<
81346	P 92.3	1256	4284	2.9%	3.3%	16	<	<	<	196	0.3m	9	14	118	<	14	28	2775	8	64	8	1	0.01	0.54	1.59	33%	0.56	0.09	<	0.04
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp

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CERTIFICATE OF ANALYSIS
iPL 96H0829

Client: Northern Analytical Laboratories iPL: 96H0829 Out: Sep 10, 1996 Page 1 of 1 Section 1 of 2
Project: W.O. 07021 2 Pulp In: Aug 30, 1996 [082915:01:26:69091096] Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %
96D - 1 - FL	P	<	40	15	40	60	<	<	4	<	<	0.2	11	4	54	<	62	64	452	8	53	1	5	0.07	1.21	0.79	2.64	0.81	0.12	0.12
96BH 5000N 4860E	P	7.1	100	2074	119	35	5	<	6	<	<	5.7	1	5	16	<	194	7	35	<	25	1	<	<	0.09	0.04	2.12	0.02	0.05	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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CERTIFICATE OF ANALYSIS
iPL 96H0829

Client: Northern Analytical Laboratories iPL: 96H0829 Out: Sep 10, 1996 Page 1 of 1 Section 2 of 2
Project: W.O. 07021 2 Pulp In: Aug 30, 1996 [082915:01:29:69091096] Certified BC Assayer: David Chiu

Sample Name	P %
96D - 1 - FL	0.13
96BH 5000N 4860E	0.02

Min Limit	0.01
Max Reported*	5.00
Method	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

Northern Analytical Laboratories ltd.

13/05/97 Assay Certificate Page 1

Gary Lee WO# 07767

Certified by

Sample #	Au oz/ton	Au oz/ton	Ag g/mt	
97BH-A-0+70V	>0.400	2.369	1726	+ .0292 = 50.4 g/t Ag
	(AAS)	(Grav)		

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Northern Analytical Laboratories ltd.

Amerok Geosciences Ltd. WO# 07185

Certified by

Sample #	Au ppb	Au oz/ton
96DR-3500E	2295	0.057
96-DH	22	
96DR-3390E-6845N	>7000	0.213
96-SQ	534 *	
96SQ-U-7373E-6900N	109	
96SQ-U-7543E-7158N	183	
96SQ-U-7460E-7044N	8	
96DR-U-7920E-8474N	2235	0.069
96DR-U-7866E-8243N	224	
96DR-U-8028E-7708N	712	
96DR-26-FLT	102	
96DR-U-7817E-7851N	62	
96DR-U-8075E-7492N	25	
96DR-U-8165E-7435N	17	
96SQ-U-7380E-6853N	<5	
96SQ-U-7395E-7002N	20	
96DR-U-8324E-8035N	848	
96DR-U-7826E-7916N	37	
96DR-U-8153E-7877N	6	
96DR-U-7792E-8257N	65	
96DR-U-7962E-8182N	6	
96DR-U-8007E-7757N	1204	0.030
96SQ-U-7720E-7167N	52	
96DR-G-3500E-6440N	10	
96DR-U-8115E-7895N	15	
96DR-U-7942E-7780N	447	
96DR-U-8102E-7725N	11	
96SQ-U-7776E-7272N	38	

Note: * Due to very high Ag in 96-SQ, gravimetric finish was necessary. Precision is reduced.

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Northern Analytical Laboratories ltd.

Amerok Geosciences Ltd. WO# 07185

Certified by

Sample #	Au ppb	Au oz/ton
96DR-U-8385E-8176N	62	
96DR-U-7942E-7780N	5	
96DR-U-8531E-7321N	45	
96DR-U-8453E-7278N	200	
96DR-U-8351E-7294N	32	
96DR-U-8286E-7296N	74	
96DR-U-8173E-7345N	13	
96DR-U-8241E-7286N	37	
96DR-U-8079E-7496N	44	
96DR-U-8010E-7596N	253	
96DR-U-8809E-7218N	18	
96DR-U-8669E-7264N	17	
96DR-U-8749E-7267N	25	
96DR-U-8646E-7214N	70	
96DR-U-8127E-7860N	9	
96DR-U-8035E-7720N	8	
96DR-U-8155E-7858N	13 #	
96DR-U-8153E-7877N	12	
96DR-U-8162E-7821N	20 #	
96DR-U-8098E-7885N	13 #	
96DR-U-8115E-7895N	8	
96SQ-U-7358E-7040N	9	
96SQ-U-7380E-6853N	<5	
96SQ-U-7354E-6817N	23	
96SQ-U-7383E-7027N	16	
96SQ-U-7393E-6900N	8	
96SQ-U-7325E-7306N	<5	
96SQ-U-7431E-7144N	8	
96SQ-U-7352E-7722N	21	
96SQ-U-7823E-7258N	21	

Northern Analytical Laboratories ltd.

Amerok Geosciences Ltd. WO# 07185

Certified by

Sample #	Au ppb	Au oz/ton
96SQ-U-7770E-7201N	12	
96SQ-U-7919E-7379N	207 #	
96SQ-U-8018E-7465N	183	
96SQ-U-8075E-7492N	<5	
96SQ-U-7720E-7167N	85	
96SQ-U-7663E-7136N	31	
96SQ-U-7543E-7158N	7	
96SQ-U-7424E-7109N	13	
96SQ-U-7468E-7116N	6	
96SQ-U-7394E-7002N	15	
96DR-U-8480E-8300N	19 #	
96DR-U-8538E-8393N	<5	
96DR-U-8175E-7845N	233	
96DR-U-8450E-8292N	12	
96DR-U-8254E-7892N	61	
96DR-U-41	<5	
96DR-U-8081E-7716N	12	
96DR-U-7930E-8194N	9	
96DR-U-7901E-7767N	7	
96DR-U-7982E-7753N	14 #	
96DR-U-7792E-8287N	10 #	
96DR-U-7909E-8035N	24	
96DR-U-7958E-8411N	6	
96DR-U-7871E-7899N	6	
96DR-U-7817E-8521N	10 #	
96DR-U-7920E-8474N	8	
96DR-U-8035E-7720N	7 #	
96DR-U-7800E-8320N	8 #	
96DR-U-8585E-8510N	<5	

Note: # Insufficient -80 mesh material in these samples. -40 mesh fraction was used.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax (403) 668-4890

INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia Street
Vancouver B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 96L1304

Client: Northern Analytical Laboratories iPL: 96L1304 Out: Dec 24, 1996 Page 1 of 3 Section 1 of 2
Project: WO-7185 87 Pulp In: Dec 19, 1996 [130415:31:56:69122496] Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %
96DR-U-8385E-8176N	P	1.0	67	22	119	16	<	<	4	<	<	0.2	13	13	188	<	22	89	834	31	41	2	2	0.03	2.39	0.77	3.88	0.91	0.18	0.02
96DR-U-7942E-7780N	P	<	38	23	95	13	<	<	5	<	<	1.8	16	19	252	<	27	71	713	22	37	2	3	0.02	1.58	0.47	2.93	0.31	0.08	0.02
96DR-U-8531E-7321N	P	0.1	64	31	81	<	5	<	4	<	<	0.7	19	28	160	<	72	96	584	19	31	1	4	0.03	1.34	0.46	3.62	0.43	0.07	0.02
96DR-U-8453E-7278N	P	0.1	70	28	81	<	<	<	4	<	<	0.3	19	28	152	<	87	108	614	19	33	1	4	0.03	1.38	0.49	4.07	0.46	0.07	0.02
96DR-U-8351E-7294N	P	0.2	80	29	89	8	<	<	3	<	<	0.6	18	28	195	<	78	91	736	21	40	1	4	0.03	1.52	0.56	3.65	0.51	0.08	0.02
96DR-U-8286E-7296N	P	0.3	80	27	84	<	<	<	2	<	<	0.2	18	28	174	<	88	104	687	20	36	1	4	0.02	1.45	0.54	4.02	0.53	0.08	0.02
96DR-U-8173E-7345N	P	0.1	69	25	80	6	<	<	3	<	<	0.2	17	25	144	<	72	87	647	19	31	1	4	0.02	1.34	0.49	3.53	0.53	0.07	0.02
96DR-U-8241E-7286N	P	0.4	82	28	90	9	<	<	3	<	<	0.4	18	26	159	<	76	90	764	22	36	1	4	0.03	1.52	0.56	3.70	0.60	0.08	0.02
96DR-U-8079E-7496N	P	0.2	78	25	87	7	<	<	3	<	<	0.6	17	27	138	<	70	82	786	21	44	1	3	0.02	1.42	0.70	3.43	0.58	0.08	0.02
96DR-U-8010E-7596N	P	0.2	62	21	83	<	<	<	3	<	<	0.2	16	20	120	<	59	99	732	25	42	1	3	0.03	1.42	0.63	3.81	0.54	0.08	0.02
96DR-U-8809E-7218N	P	0.3	68	25	92	6	<	<	3	<	<	0.8	17	24	200	<	61	78	779	20	47	1	4	0.03	1.49	0.77	3.33	0.67	0.09	0.02
96DR-U-8669E-7264N	P	0.2	70	24	87	9	<	<	2	<	<	0.5	17	26	173	<	74	86	684	19	38	1	4	0.03	1.41	0.63	3.52	0.69	0.07	0.02
96DR-U-8749E-7267N	P	0.4	72	23	86	7	<	<	2	<	<	0.3	16	23	175	<	69	85	636	21	43	1	4	0.03	1.44	0.73	3.45	0.71	0.08	0.02
96DR-U-8646E-7214N	P	0.3	69	28	79	<	<	<	3	<	<	0.1	19	29	166	<	94	105	589	19	40	1	4	0.03	1.48	0.67	4.03	0.80	0.07	0.02
96DR-U-8127E-7860N	P	3.5	61	23	122	18	<	<	4	<	<	0.2	13	14	191	<	29	95	734	33	56	1	3	0.03	2.35	0.73	3.81	0.53	0.12	0.03
96DR-U-8035E-7720N	P	0.5	53	30	91	13	<	<	7	<	<	2.1	23	24	105	<	44	115	565	29	39	3	5	0.03	1.41	0.64	3.57	0.63	0.09	0.03
96DR-U-8155E-7858N	P	2.3	72	29	115	26	<	<	7	<	<	1.1	18	21	193	<	34	92	758	40	52	2	4	0.02	2.52	0.68	3.69	0.62	0.17	0.03
96DR-U-8153E-7877N	P	3.4	64	23	91	23	<	<	5	<	<	1.1	12	15	176	<	26	70	504	37	63	2	3	0.02	2.24	0.79	2.92	0.50	0.12	0.03
96DR-U-8162E-7821N	P	4.0	73	24	136	22	<	<	5	<	<	0.6	14	18	210	<	33	85	636	52	71	2	4	0.03	2.47	0.98	3.65	0.65	0.15	0.03
96DR-U-8098E-7885N	P	3.3	70	21	113	19	<	<	4	<	<	0.3	9	13	200	<	21	72	596	45	83	1	3	0.02	2.47	1.14	3.40	0.80	0.13	0.03
96DR-U-8115E-7895N	P	4.1	76	21	121	15	<	<	6	<	<	0.5	10	15	199	<	29	61	533	51	75	1	3	0.02	2.27	0.99	3.11	0.50	0.16	0.03
96SQ-U-7358E-7040N	P	0.4	76	34	111	15	<	<	4	<	<	0.8	16	32	86	<	67	84	483	11	39	1	3	0.03	1.84	0.96	3.40	0.88	0.07	0.02
96SQ-U-7380E-6853N	P	1.1	91	130	170	20	6	<	5	<	<	2.5	21	66	121	<	142	79	859	14	38	1	8	0.05	1.96	0.99	3.58	1.10	0.09	0.03
96SQ-U-7354E-6817N	P	0.5	82	19	74	23	<	<	2	<	<	0.1	19	43	144	<	130	85	695	10	44	1	5	0.04	2.51	0.58	3.34	1.43	0.09	0.03
96SQ-U-7383E-7027N	P	1.5	103	41	113	19	<	<	3	<	<	1.0	19	49	114	<	124	85	645	11	36	1	6	0.04	2.28	0.75	3.77	1.39	0.08	0.03
96SQ-U-7393E-6900N	P	1.3	94	32	101	24	5	<	2	<	<	1.0	16	40	109	<	109	72	608	12	37	1	4	0.03	2.12	0.89	3.22	1.23	0.07	0.03
96SQ-U-7325E-7306N	P	0.3	56	65	109	20	<	<	2	<	<	1.2	10	22	82	<	43	54	654	7	45	2	2	0.01	1.61	1.38	2.42	0.75	0.05	0.02
96SQ-U-7431E-7144N	P	0.3	71	36	103	15	<	<	2	<	<	0.6	17	29	99	<	59	81	752	8	51	1	2	0.02	1.61	1.03	3.51	0.96	0.06	0.02
96SQ-U-7352E-7722N	P	1.2	83	58	111	16	5	<	2	<	<	1.1	23	41	131	<	70	84	1072	11	38	1	4	0.02	1.80	1.35	3.82	1.47	0.10	0.02
96SQ-U-7823E-7258N	P	0.4	83	43	78	9	<	<	9	<	<	0.5	20	32	127	<	104	90	572	12	26	1	4	0.02	1.42	0.53	3.83	1.20	0.05	0.02
96SQ-U-7770E-7201N	P	0.5	97	36	90	15	<	<	2	<	<	0.7	19	35	115	<	101	79	560	11	34	1	4	0.02	1.68	0.67	3.55	1.31	0.05	0.02
96SQ-U-7919E-7379N	P	0.3	93	46	78	9	5	<	2	<	<	0.4	19	30	148	<	98	92	654	13	29	1	4	0.02	1.44	0.57	3.82	1.19	0.06	0.02
96SQ-U-8018E-7465N	P	0.3	96	33	78	5	<	<	1	<	<	<	20	32	158	<	117	107	628	15	32	1	5	0.03	1.49	0.63	4.33	1.21	0.06	0.02
96SQ-U-8075E-7492N	P	0.3	71	29	83	<	<	<	3	<	<	0.5	18	27	130	<	71	90	799	20	47	1	3	0.03	1.48	0.79	3.68	1.04	0.09	0.02
96SQ-U-7720E-7167N	P	0.5	97	27	93	14	5	<	2	<	<	1.1	20	40	111	<	120	84	699	10	45	1	4	0.03	1.85	0.84	3.75	1.41	0.07	0.02
96SQ-U-7663E-7136N	P	0.5	127	27	92	20	<	<	3	<	<	0.5	18	38	96	<	102	74	636	11	44	1	5	0.03	1.84	0.85	3.31	1.33	0.06	0.02
96SQ-U-7543E-7158N	P	0.5	88	22	79	15	<	<	2	<	<	0.6	16	36	71	<	105	71	514	7	38	1	3	0.02	1.61	0.91	3.24	1.19	0.07	0.02
96SQ-U-7424E-7109N	P	0.5	82	28	95	16	<	<	2	<	<	0.4	14	29	73	<	62	74	528	7	32	<	2	0.02	1.68	0.88	3.19	1.12	0.04	0.02
96SQ-U-7468E-7116N	P	0.4	82	24	83	16	5	<	2	<	<	0.5	21	45	77	<	132	75	584	7	30	1	4	0.03	1.73	0.61	3.76	1.37	0.06	0.02
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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2036 Columbia Street
Vancouver B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 96L1304

Client: Northern Analytical Laboratories iPL: 96L1304 Out: Dec 24, 1996 Page 1 of 3 Section 2 of 2
Project: WO-7185 87 Pulp In: Dec 19, 1996 [130415:31:57:69122496] Certified BC Assayer David Chiu

Sample Name	P %
96DR-U-8385E-8176N	0.23
96DR-U-7942E-7780N	0.16
96DR-U-8531E-7321N	0.13
96DR-U-8453E-7278N	0.14
96DR-U-8351E-7294N	0.14
96DR-U-8286E-7296N	0.14
96DR-U-8173E-7345N	0.13
96DR-U-8241E-7286N	0.15
96DR-U-8079E-7496N	0.13
96DR-U-8010E-7596N	0.16
96DR-U-8809E-7218N	0.15
96DR-U-8669E-7264N	0.14
96DR-U-8749E-7267N	0.15
96DR-U-8646E-7214N	0.14
96DR-U-8127E-7860N	0.17
96DR-U-8035E-7720N	0.14
96DR-U-8155E-7858N	0.18
96DR-U-8153E-7877N	0.19
96DR-U-8162E-7821N	0.18
96DR-U-8098E-7885N	0.22
96DR-U-8115E-7895N	0.17
96SQ-U-7358E-7040N	0.10
96SQ-U-7380E-6853N	0.11
96SQ-U-7354E-6817N	0.10
96SQ-U-7383E-7027N	0.11
96SQ-U-7393E-6900N	0.11
96SQ-U-7325E-7306N	0.29
96SQ-U-7431E-7144N	0.14
96SQ-U-7352E-7722N	0.14
96SQ-U-7823E-7258N	0.10
96SQ-U-7770E-7201N	0.10
96SQ-U-7919E-7379N	0.11
96SQ-U-8018E-7465N	0.11
96SQ-U-8075E-7492N	0.13
96SQ-U-7720E-7167N	0.10
96SQ-U-7663E-7136N	0.10
96SQ-U-7543E-7158N	0.10
96SQ-U-7424E-7109N	0.10
96SQ-U-7468E-7116N	0.08
Min Limit	0.01
Max Reported*	5.00
Method	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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2036 Columbia Street
Vancouver B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 96L1304

Client: Northern Analytical Laboratories iPL: 96L1304 Out: Dec 24, 1996 Page 2 of 3 Section 1 of 2
Project: WO-7185 87 Pulp In: Dec 19, 1996 [130415:31:57:69122496] Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %
96SQ-U-7394E-7002N	P	0.7	94	24	90	24	<	<	2	<	<	0.8	20	42	96	<	115	81	737	9	29	1	4	0.03	1.95	0.68	3.80	1.45	0.09	0.02
96DR-U-8480E-8300N	P	3.1	78	49	168	29	<	<	5	<	<	0.1	15	20	316	<	29	83	771	44	60	1	4	0.03	3.26	0.93	4.24	0.92	0.24	0.02
96DR-U-8538E-8393N	P	0.7	11	4	21	8	<	<	1	<	<	<	3	3	58	<	5	15	181	12	14	<	<	0.01	0.61	0.17	0.74	0.17	0.03	0.03
96DR-U-8175E-7845N	P	1.5	63	27	185	30	<	<	4	<	<	0.3	11	17	259	<	23	76	691	32	67	1	3	0.03	2.91	0.99	3.71	0.78	0.17	0.03
96DR-U-8450E-8292N	P	1.9	67	29	147	27	<	<	3	<	<	<	13	17	250	<	25	85	682	40	52	1	3	0.03	2.79	0.82	3.95	0.97	0.22	0.03
96DR-U-8254E-7892N	P	1.0	60	23	124	27	<	<	5	<	<	<	13	16	170	<	24	90	606	33	36	1	4	0.03	2.82	0.65	4.06	0.88	0.13	0.03
96DR-U-41	P	0.5	67	26	132	15	<	<	4	<	<	<	21	20	203	<	23	109	1014	34	44	1	3	0.04	2.58	0.81	4.75	1.02	0.27	0.02
96DR-U-8081E-7716N	P	0.2	40	20	83	5	<	<	3	<	<	0.3	14	16	112	<	36	83	589	21	33	1	2	0.02	1.48	0.58	3.27	0.89	0.07	0.02
96DR-U-7930E-8194N	P	0.2	44	22	87	10	<	<	3	<	<	0.3	15	15	132	<	27	83	789	25	39	1	3	0.04	1.63	0.69	3.53	0.89	0.13	0.02
96DR-U-7901E-7767N	P	0.2	40	22	83	6	<	<	3	<	<	0.4	13	14	125	<	25	77	698	32	47	1	2	0.03	1.49	0.78	3.31	0.80	0.12	0.02
96DR-U-7982E-7753N	P	0.5	46	19	93	12	<	<	2	<	<	0.5	12	15	153	<	27	69	637	34	59	1	2	0.03	1.69	0.84	3.21	0.87	0.12	0.02
96DR-U-7792E-8287N	P	0.3	38	21	86	7	<	<	3	<	<	0.4	12	14	129	<	25	78	686	28	46	1	3	0.04	1.53	0.73	3.38	0.81	0.12	0.02
96DR-U-7909E-8035N	P	0.2	31	18	78	<	<	<	2	<	<	0.2	13	12	115	<	24	92	573	28	39	1	3	0.04	1.44	0.73	3.85	0.80	0.10	0.02
96DR-U-7958E-8411N	P	0.3	31	31	80	11	<	<	2	<	<	0.2	11	12	109	<	20	65	651	26	42	1	2	0.03	1.67	0.59	3.03	0.74	0.10	0.02
96DR-U-7871E-7899N	P	0.2	35	16	82	<	<	<	2	<	<	0.4	13	13	133	<	27	95	612	33	52	1	3	0.04	1.51	0.83	3.88	0.78	0.12	0.02
96DR-U-7817E-8521N	P	0.2	25	25	79	11	<	<	2	<	<	0.5	10	11	123	<	18	57	730	16	33	<	1	0.02	1.54	0.38	2.70	0.64	0.10	0.02
96DR-U-7920E-8474N	P	0.2	29	26	81	10	<	<	2	<	<	0.9	10	10	136	<	17	54	747	22	38	1	1	0.02	1.62	0.51	2.67	0.70	0.10	0.02
96DR-U-8035E-7720N	P	0.1	32	39	111	21	<	<	2	<	<	0.9	12	11	159	<	20	60	1018	19	43	<	1	0.02	2.02	0.42	2.87	0.74	0.10	0.02
96DR-U-7800E-8320N	P	0.2	36	27	83	7	<	<	2	<	<	1.0	12	12	125	<	20	65	752	27	43	1	2	0.03	1.54	0.67	2.97	0.79	0.11	0.02
96DR-U-8585E-8510N	P	0.1	28	24	75	15	<	<	3	<	<	0.4	10	10	83	<	20	62	629	15	18	1	2	0.04	1.79	0.26	2.91	0.75	0.12	0.02
96DR-3500E	P	63.3	75	4052	8	<	5	<	5	<	3	2.7	2	5	3	<	161	3	29	<	4	<	<	<	0.04	0.05	0.52	0.04	0.02	0.02
96DH	P	7.9	2618	95	17	8	13	<	1	<	<	0.8	2	9	5	<	141	8	37	<	2	1	<	<	0.05	0.04	0.55	0.05	0.01	0.02
96DR-3390E-6845N	P	0.1m	65	2.4%	7	<	36	<	20	<	25	7.8	1	5	<	<	207	2	25	<	13	<	<	<	0.04	0.01	0.52	0.01	0.02	0.02
96SQ	P	0.1m	2240	2.6%	418	347	1.2%	232	8	<	<	0.9m	2	4	<	<	105	4	26	2	29	2	1	<	0.09	0.03	0.41	0.01	0.08	0.02
96SQ-U-7373E-6900N	P	63.1	1740	571	123	58	810	<	3	<	<	18.2	1	5	2	<	210	<	24	<	1	<	<	<	0.01	0.02	0.26	0.01	<	0.02
96SQ-U-7543E-7158N	P	33.0	915	506	14	5	147	<	2	<	<	9.9	3	9	2	<	261	3	45	<	1	<	<	<	0.01	0.03	0.53	0.02	0.01	0.02
96DR-U-7460E-7044N	P	2.9	171	138	6	<	41	<	2	<	<	2.2	1	4	3	<	174	3	138	<	12	<	<	<	0.08	1.57	0.37	0.09	<	0.02
96DR-U-7920E-8474N	P	0.1m	18	19781	2	<	50	<	8	<	42	1.9	1	4	<	<	156	2	68	<	4	<	<	<	0.03	0.02	0.45	0.01	<	0.01
96DR-U-7866E-8243N	P	61.6	14	4080	6	<	19	<	5	<	14	1.1	2	5	5	<	195	3	70	<	2	<	<	<	0.09	0.02	1.14	0.05	0.02	0.02
96DR-U-8028E-7708N	P	31.0	9	7004	1	<	13	<	2	<	11	1.7	1	3	<	<	150	<	22	<	1	<	<	<	0.01	0.01	0.25	<	<	0.02
96DR-26-FLT	P	7.5	16	175	28	<	7	<	4	<	3	0.7	12	3	118	<	90	11	318	7	7	1	1	<	0.54	0.12	2.90	0.30	0.15	0.02
96DR-U-7817E-7851N	P	9.3	8	107	2	<	9	<	4	<	3	0.4	2	3	13	<	141	3	28	2	1	1	<	<	0.04	0.01	1.08	0.01	0.02	0.01
96DR-U-8075E-7492N	P	3.0	31	51	3	<	8	<	3	<	<	0.1	1	4	16	<	163	3	31	<	1	<	<	<	0.02	0.01	0.38	0.01	0.02	0.01
96DR-U-8165E-7435N	P	0.6	259	39	47	16	6	<	2	<	<	0.5	5	3	61	<	81	34	295	10	38	1	3	0.05	0.94	0.37	1.53	0.50	0.07	0.08
96SQ-U-7380E-6853N	P	0.2	9	12	4	<	5	<	5	<	<	0.2	2	5	3	<	225	4	26	<	1	1	<	<	0.02	0.01	0.33	0.01	<	0.02
96SQ-U-7395E-7002N	P	1.7	549	7	7	<	9	<	2	<	<	0.7	2	5	5	<	192	3	53	<	8	<	<	<	0.02	0.57	0.29	0.03	<	0.02
96DR-U-8324E-8035N	P	0.1m	276	14607	3	<	8	<	3	<	16	8.9	1	3	<	<	160	2	23	<	3	<	<	<	0.01	0.01	0.30	<	<	0.02
96DR-U-7826E-7916N	P	2.4	11	227	3	<	17	<	1	<	<	0.3	1	4	4	<	165	2	26	<	1	<	<	<	0.01	0.01	0.34	<	0.01	0.01
96DR-U-8153E-7877N	P	1.6	10	197	7	<	<	<	3	<	<	0.1	1	3	2	<	171	3	53	<	1	<	<	<	0.06	0.01	0.39	0.05	<	0.02
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

INTERNATIONAL PLASMA LABORATORY LTD

[redacted]6 Col[redacted] Stre[redacted]
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 96L1304

Client: Northern Analytical Laboratories iPL: 96L1304 Out: Dec 24, 1996 Page 2 of 3 Section 2 of 2
Project: WO-7185 87 Pulp In: Dec 19, 1996 [130415:31:58:69122496] Certified BC Assayer: David Chiu

Sample Name	P %
96SQ-U-7394E-7002N	0.10
96DR-U-8480E-8300N	0.23
96DR-U-8538E-8393N	0.08
96DR-U-8175E-7845N	0.21
96DR-U-8450E-8292N	0.22
96DR-U-8254E-7892N	0.23
96DR-U-41	0.24
96DR-U-8081E-7716N	0.16
96DR-U-7930E-8194N	0.18
96DR-U-7901E-7767N	0.17
96DR-U-7982E-7753N	0.16
96DR-U-7792E-8287N	0.17
96DR-U-7909E-8035N	0.20
96DR-U-7958E-8411N	0.15
96DR-U-7871E-7899N	0.19
96DR-U-7817E-8521N	0.14
96DR-U-7920E-8474N	0.13
96DR-U-8035E-7720N	0.16
96DR-U-7800E-8320N	0.16
96DR-U-8585E-8510N	0.13
96DR-3500E	<
96DH	0.01
96DR-3390E-6845N	<
96SQ	0.04
96SQ-U-7373E-6900N	0.01
96SQ-U-7543E-7158N	<
96DR-U-7460E-7044N	0.01
96DR-U-7920E-8474N	<
96DR-U-7866E-8243N	<
96DR-U-8028E-7708N	<
96DR-26-FLT	0.08
96DR-U-7817E-7851N	<
96DR-U-8075E-7492N	<
96DR-U-8165E-7435N	0.06
96SQ-U-7380E-6853N	<
96SQ-U-7395E-7002N	<
96DR-U-8324E-8035N	<
96DR-U-7826E-7916N	<
96DR-U-8153E-7877N	<

Min Limit 0.01
Max Reported* 5.00
Method ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 96L1304

Client: Northern Analytical Laboratories iPL: 96L1304 Out: Dec 24, 1996 Page 3 of 3 Section 1 of 2
Project: WO-7185 87 Pulp In: Dec 19, 1996 [130415:31:58:69122496] Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %
96DR-U-7792E-8257N	P	1.7	8	6	4	<	<	<	1	<	<	<	2	4	9	<	183	2	59	<	1	<	<	<	0.04	0.01	0.50	0.01	0.01	0.02
96DR-U-7962E-8182N	P	<	6	22	10	<	5	<	3	<	<	0.2	2	4	10	<	189	3	119	2	2	1	<	<	0.13	0.03	0.56	0.08	0.02	0.02
96DR-U-8007E-7757N	P	2.6	5	92	9	<	<	<	14	<	<	0.2	9	4	9	<	152	3	38	<	3	1	<	<	0.03	<	1.78	<	<	0.02
96SQ-U-7720E-7167N	P	8.9	5372	16	22	<	55	<	9	<	<	0.4	1	7	2	<	208	2	36	<	1	<	<	<	0.01	<	0.64	<	<	0.02
96DR-G-3500E-6440N	P	0.2	69	7	4	<	5	<	1	<	<	0.2	1	4	8	<	232	2	135	<	1	<	<	<	0.03	0.03	0.38	0.02	0.01	0.01
96DR-U-8115E-7895N	P	1.2	22	9	15	<	5	<	5	<	<	0.4	7	4	40	<	146	11	267	3	11	1	1	<	0.25	0.47	0.91	0.12	0.07	0.02
96DR-U-7942E-7780N	P	21.0	8	178	3	<	5	<	2	<	<	0.3	2	5	9	<	162	3	27	<	1	1	<	<	0.02	0.01	0.36	<	0.01	0.02
96DR-U-8102E-7725N	P	0.9	9	62	4	<	7	<	3	<	<	0.1	5	5	30	<	194	3	48	2	3	1	<	<	0.08	0.01	0.78	0.01	0.06	0.02
96SQ-U-7776E-7272N	P	5.6	3213	5	21	<	6	<	2	<	<	0.2	3	9	124	<	108	15	190	10	9	1	1	<	0.36	0.03	1.03	0.25	0.14	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported		99.9	20000	20000	30000	1000	1000	1000	1000	1000	1000	100	1000	1000	10000	1000	10000	1000	10000	1000	10000	1000	1000	1000	10.00	40.00	40.00	10.00	10.00	10.00	10.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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iPL 96L1304

Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client: Northern Analytical Laboratories iPL- 96L1304 Out: Dec 24, 1996 Page 3 of 3 Section 2 of 2
Project: WO-7185 87 Pulp In: Dec 19, 1996 [130415:31-58:69122496] Certified BC Assayer. David Chiu

Sample Name	P %
96DR-U-7792E-8257N	P <
96DR-U-7962E-8182N	P <
96DR-U-3500E-6440N	P <
96DR-U-8102E-7725N	P <
96SQ-U-7776E-7272N	P 0.01

--=No Test Ins-Insufficient Sample S-Soil R-Rock C=Core [illegible]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX 604-984-0218

To LEE, GARY **

P.O. BOX 5348
WHITEHORSE, YT
Y1A 4Z2

Project :
Comments ATTN GARY LEE

Page Number :1-A
Total Pages 1
Certificate Date 14-NOV-97
Invoice No .I9749796
P.O. Number :
Account :PLS

CERTIFICATE OF ANALYSIS A9749796

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
81410	205	226	< 5	< 0.2	0.04	2	10	< 0.5	< 2	13.65	< 0.5	< 1	23	1	0.28	< 10	< 1	< 0.01	< 10	6.04	150
81411	205	226	< 5	0.2	< 0.01	< 2	< 10	< 0.5	< 2	>15.00	1.0	< 1	6	1	0.11	< 10	< 1	< 0.01	< 10	9.12	85

CERTIFICATION Stewart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE 604-984-0221 FAX 604-984-0218

To LEE, GARY **

P.O BOX 5348
WHITEHORSE, YT
Y1A 4Z2

Project
Comments ATTN GARY LEE

Page Number 1-B
Total Pages 1
Certificate Date 14-NOV-97
Invoice No I9749796
P.O Number
Account PLS

CERTIFICATE OF ANALYSIS A9749796

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
81410	205	226	< 1	< 0.01	2	30	8	< 2	< 1	80	< 0.01	< 10	< 10	7	< 10	10
81411	205	226	1	< 0.01	1	10	20	< 2	< 1	166	< 0.01	< 10	< 10	3	< 10	20

CERTIFICATION Stan Bichler

Northern Analytical Laboratories ltd.

13/11/97 Assay Certificate Page 1

Amerok Geosciences Ltd. WO# 07963

Certified by

Sample #	Au ppb	AU oz/ton	
81401	18		
81402	57		
81403	41		
81404	47		
81405	15		
81406	36		
81407	<5		
81408	10		
81409	12		
81412	7		
BBS-01	15		
CAM-182	<5		
S-1	18		
S-2-BBS2	15		
SHAZA SILY 1	10		
81338		0.272 original WO.	7932

105 Copper Road Whitehorse, YT, Y1A 2Z7 Ph. (403) 668-4968 Fax (403) 668-4890

iPL 97K1135

Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories — 15 Samples — Out: Nov 14, 1997 — Page 1 of 1
Project: NOW 7963 — 15-Pulp — [113515:28:07:79111497] — In : Nov 12, 1997 — Section 1 of 1

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	Y ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
81401	P	0.3	32	23	127	<	<	<	4	<	<	0.6	12	5	174	<	37	81	802	24	45	2	8	0.06	1.52	0.86	3.93	0.80	0.17	0.07	0.18
81402	P	1.1	15	152	156	60	<	<	39	<	<	1.5	9	3	33	<	26	39	705	30	78	1	3	<	1.35	0.50	3.46	0.90	0.17	0.04	0.15
81403	P	3.9	35	1385	1696	8	7	<	4	<	<	32.7	1	3	31	<	162	3	422	<	17	<	<	<	0.08	0.53	0.97	0.04	0.02	0.02	0.01
81404	P	4.6	8	631	38	<	<	<	1	<	<	0.5	<	1	127	<	19	3	25	9	43	4	<	<	0.32	0.04	1.89	0.03	0.31	0.21	0.02
81405	P	5.2	18	297	24	<	6	<	2	<	<	0.7	1	4	12	<	155	<	35	<	2	1	<	<	0.02	0.01	0.51	<	0.02	0.02	<
81406	P	1.4	7	24	33	<	5	<	3	<	<	0.6	2	3	40	<	137	2	55	2	3	1	<	<	0.06	0.03	0.54	0.01	0.04	0.02	0.01
81407	P	8.4	42	18	92	8	<	<	4	<	<	1.0	15	4	89	<	27	49	1133	17	24	1	3	0.01	1.57	0.60	2.99	1.11	0.19	0.03	0.19
81408	P	0.5	43	18	77	<	<	<	2	<	<	0.1	20	4	177	<	31	69	474	13	27	2	3	0.11	1.42	0.53	3.11	1.01	0.83	0.06	0.16
81409	P	0.9	101	7	98	<	<	<	3	<	<	0.1	14	4	210	<	29	72	833	19	30	1	4	0.06	1.85	1.13	3.44	1.22	0.72	0.06	0.17
81412	P	0.3	14	7	83	<	<	<	2	<	<	0.3	13	4	119	<	25	35	806	22	19	1	2	0.02	1.55	0.56	3.12	1.13	0.19	0.04	0.17
BBS-01	P	0.4	80	33	123	48	<	<	1	<	<	<	20	46	94	<	59	81	1030	16	45	2	8	0.04	1.79	0.65	4.12	1.28	0.06	0.02	0.11
CAM-182	P	<	3	24	70	71	<	<	3	<	<	0.4	4	2	86	<	2	12	1089	23	19	4	2	0.01	0.60	0.27	1.85	0.27	0.06	0.03	0.07
S-1	P	0.6	110	50	151	49	7	<	3	<	<	<	21	57	90	<	68	85	1036	14	44	2	8	0.01	2.03	0.54	4.82	1.78	0.07	0.02	0.12
S-2 - BS2	P	0.3	73	19	108	18	5	<	2	<	<	<	16	48	79	<	72	81	773	11	30	1	8	0.02	1.71	0.41	4.32	1.36	0.06	0.02	0.10
SHAZA SILY 1	P	0.6	92	38	104	37	10	<	5	<	<	0.2	38	270	32	<	246	86	1060	4	104	2	6	0.05	2.85	2.52	4.78	4.96	0.07	0.02	0.06
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported		99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00

Northern
Analytical
Laboratories ltd.

Gary Lee

WO# 07932

Certified by

Sample #	Au ppb	Au oz/ton
81346	64	
81302		0.266
81327		0.271

Note: Sample number 81302 was originally from WO#07903.
Sample number 81327 was originally from WO#07908.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph. (403) 668-4968 Fax: (403) 668-4890