ASSESSMENT REPORT
GRID SOIL GEOCHEMICAL SURVEY

HORN PROPERTY
Fecal 1-12 Claims
FORT STEELE MINING DIVISION

N.T.S. MAPSHEET 82F/9E

Latitude 49° 35' **Longitude 116° 13'**

Work Performed from July 1st to 15th, 1998

OWNER
BLACK BULL RESOURCES (BC) LTD.
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August, 1998

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David L. Pighin **August, 1998**

1.00 SUMMARY
This report describes the results of a grid soil geochemical survey completed on the Horn property in July, 1997. The objective was to find the source of a number of sulphide-rich Aldridge fragmental boulders. The target in this area is a Sullivan-type massive sulphide orebody.

The Horn claims are located approximately 15 km SW of the Sullivan orebody at Kimberley, B.C. Access to the property is by fair to good all-weather forestry roads. The Horn property is owned by Black Bull Resources (BC) Ltd.

From 1979 to 1995, the property has been explored by Cominco Ltd. and others. All of this previous exploration was focused on a large fragmental unit at Sullivan Time, located in what is now the northwest corner of the Horn claim block. In 1996, the Horn geology was re-interpreted and this work suggested that thrust faulting should repeat the Sullivan Horizon fragmental unit on the southeast side of the property. Preliminary prospecting in the southeast area found a number of large boulders of sulphide-rich fragmental, associated with strongly limonitic soil.

In 1997, a soil geochemical grid was completed to cover part of the southeastern Horn claims. The soil survey located a number of strong zinc, lead and arsenic soil anomalies associated in part with the sulphide-rich fragmental boulders. The principal soil anomalies remain open north of the current grid.

The sulphide-rich fragmental occurrences associated with the zinc, lead and arsenic-rich 'B' Horizon soils represents a new and untested Sullivan target. Further exploration work in the southeastern Horn property is recommended.

2.00 INTRODUCTION
This report describes a soil geochemical survey completed on the Fecal-Horn claims located in the Hellroaring Creek. The work commenced July 1st and completed by July 15th, 1997.

2.10 Objective
The purpose of the Horn 1997 exploration program was to find the source of a number of mineralized Aldridge fragmental float boulders. The work consisted of grid soil geochemistry.

2.20 Location and Access

The Horn-Fecal claims are situated in the St. Mary's River and Hellroaring Creek drainages, approximately 15 km SW of Kimberley, B.C. The claims are located in the Fort Steele Mining Division on N.T.S. reference mapsheet 82F/9E, centered approximately at 49^0 33' latitude and 116^0 13' longitude (Plate 1).

2.30 Physiography and Climate

The Horn-Fecal claims cover steep and rugged mountainous terrain located between the valleys of the St. Mary River and Hellroaring Creeks. Elevations range from 950 m to 2,195 m. Forest cover is dominated by thick stands of mature lodgepole pine, fir and larch with mature spruce and balsum occupying the higher elevations.

2.40 Ownership and Claim Status

All the claims listed below are owned 100% by Black Bull Resources (BC) Ltd.

Claim	Units	Record #	Anniv. Date
Horn1	1	212445	May 21/99
2	1	212446	May 21/99
3	1	212447	May 22/99
4	1	212448	May 22/99
5	1	212449	May 22/99
6	1	212450	May 22/99
7	1	212451	May 20/99
8	1	212452	May 20/99
9	1	212453	May 20/99
10	1	212454	May 20/99
11	1	212455	May 20/99
12	1	212456	May 20/99
13	1	212457	May 21/99
14	1	212458	May 21/99
15	1	212459	May 21/99
16	12	212460	May 23/2000
17	20	212461	May 24/99
18	1	212462	May 22/99
19	1	212463	May 22/99
20	1	212464	May 22/99
21	5	212465	May 22/99
22	20	300326	June 3/99
23	18	300327	June 4/2000
24	12	300328	June 5/2004
25	20	300325	June 5/99
29	1	300182	June 6/99
30	1	300183	June 6/99
31	1	300185	June 6/99
Horn 32	1	300196	June 6/99

Claim	Units	Record #	Anniv. Date
Horn 33	1	300197	June 6/99
34	1	300206	June 6/99
35	1	300208	June 6/99
36	1	300277	June 6/99
37	1	302240	June 27/99
38	1	302241	June 27/99
39	1	302242	June 27/99
40	1	302243	June 27/99
41	1	302330	June 27/99
42	1	302245	June 27/99
43	1	302246	June 27/99
44	1	302247	June 27/99
45	1	302045	July 14/99
45(a)	1	309955	June 3/99
46	1	302046	July 14/99
46(a)	1	309956	June 3/99
47	1	302047	July 14/99
47(a)	1	309957	June 3/99
48	1	302048	July 14/99
48(a)	1	309958	June 3/99
49	1	302049	July 14/99
49(a)	1	309959	June 3/99
50	1	302050	July 14/99
50(a)	1	309960	June 3/99
51	1	302051	July 14/99
51(a)	1	309961	June 3/99
52	1	302052	July 14/99
52(a)	1	309962	June 3/99
53	1	302053	July 14/99
53(a)	1	309963	June 3/99
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56	1	302056	July 15/99
57	1	302057	July 15/99
58	1	302058	July 15/99
59	1	302059	July 15/99
60	1	302060	July 15/99
61	1	302061	July 15/99
62	1	302062	July 15/99
63	1	302063	July 15/99
64	1	302064	July 15/99
Horn 65	1	302065	July 15/99

Claim	Units	Record #	Anniv. Date
Horn 66	1	302066	July 15/99
67	1	302067	July 15/99
68	1	302068	July 15/99
69	1	302069	July 15/99
70	1	302070	July 15/99
71	1	302071	July 15/99
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80	1	302080	July 16/99
82	1	302082	July 16/99
83	1	302083	July 16/99
84	1	302084	July 16/99
85	1	302085	July 16/99
86	1	303015	Aug. 11/99
87	1	303016	Aug. 11/99
94	1	303023	Aug. 11/99
96	1	303025	Aug. 13/99
97	1	303026	Aug. 13/99
98	1	303027	Aug. 13/99
99	1	303028	Aug. 13/99
100	1	303029	Aug. 13/99
101	1	303030	Aug. 13/99
102	1	305610	Oct. 21/99
103	1	305611	Oct. 21/99
104	1	305612	Oct. 17/99
105	1	305613	Oct. 17/99
106	1	305614	Oct. 17/99
107	1	305615	Oct. 17/99
108	1	305616	Oct. 17/99
109	1	305617	Oct. 17/99
110	1	305618	Oct. 17/99
111	1	305619	Oct. 17/99
112	1	305620	Oct. 21/99
113	1	305621	Oct. 21/99
Horn 114	8	303932	Sept.10/2000
ZN0	16	324649	April 11/99
Zn-1	1	321266	Sept. 30/98
Zn-2	1	321267	Sept. 30/98
Zn-3	1	321268	Sept. 30/98
Zn-4	1	321269	Sept. 30/98
Zn-5	1	321270	Sept. 30/98
Zn-6	1	321271	Sept. 30/98
Zn-7	1	321272	Sept. 30/98
Zn-8	1	321273	Sept. 30/98
Zn-9	1	321274	Sept. 30/98
Zn-10	1	321275	Sept. 30/98
Zn-11	1	321276	Sept. 30/98

Claim	Units	Record #	Anniv. Date
Zn-12	1	321277	Sept. 30/98
Zn-13	1	321278	Oct. 1/98
Zn-14	1	321279	Oct. 1/98
Zn-15	1	321280	Oct. 1/98
Zn-16	1	321281	Oct. 1/98
Zn-17	1	321282	Oct. 1/98
Zn-18	1	321283	Oct. 1/98
Zn-19	1	321284	Oct. 1/98
Zn-20	1	321285	Oct. 1/98
Fecal 1	1	339840	Aug. 31/2001
Fecal 2	1	339841	Aug. 31/2001
Fecal 3	1	339842	Aug. 31/2001
Fecal 4	1	339843	Aug. 31/2001
Fecal 5	1	339844	Aug. 31/2001
Fecal 6	1	339845	Aug. 31/2001
Fecal 7	1	339846	Sept.8/2001
Fecal 8	1	339847	Sept.8/2001
Fecal 9	1	339848	Sept. 11/2001
Fecal 10	1	339849	Sept. 11/2001
Fecal 11	1	339850	Sept. 11/2001
Fecal 12	1	339851	Sept. 11/2001

2.50 History

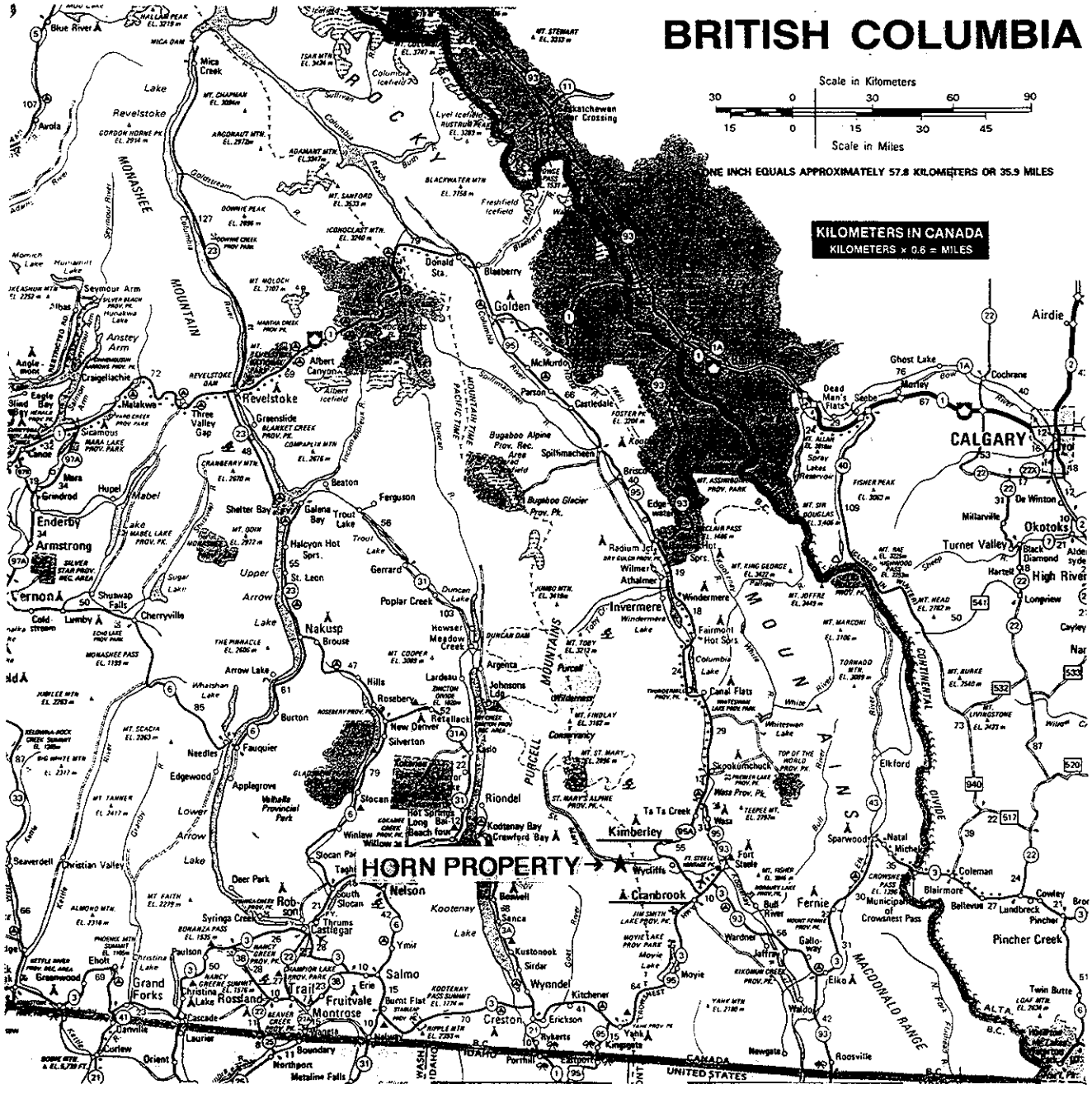
From 1978 to 1985 Cominco's Clair claims held the area covered the Horn 16,17,22,23, 24,114 and ZNO claims. Cominco completed a UTEM geophysical survey over the area and completed two diamond drill holes totaling 764 m. Both holes intersected an extensive fragmental unit but did not discover any sulphides of economic significance.

In 1986, Esso Minerals re-staked the area described above. Esso's exploration program focused on the fragmental horizon previously discovered by Cominco. Esso's work consisted of geological mapping, rock and stream silt geochemistry and a 3,000 m reconnaissance EM geophysical survey. Esso's conclusion was the Lower-Middle Aldridge contact marked by the large Sullivan-type fragmental unit held good potential for a large Sullivan massive sulphide-type deposit. However, Esso did not follow up on their optimistic conclusions.

In 1191, Kokanee Exploration Ltd., an ancestral company to Quest International Resources Corp., staked the Horn claims to cover the above described area and the large unexplored are tot he south. In the Fall of 1991, Kokanee Explorations optioned the property to Metall Mining Corp. Metall targeted the fragmental horizon and collared two drill holes, approximately 1 km southwest of Cominco's 1978 drill hole. These holes discovered uneconomic Pb-Zn mineralization within a thick fragmental complex.

In 1996, Quest International Resources Corp. conducted a prospecting program in the unexplored southeastern portion of the Horn property. This work discovered a number of pyrrhotite-arsenopyrite-rich fragmental boulders.

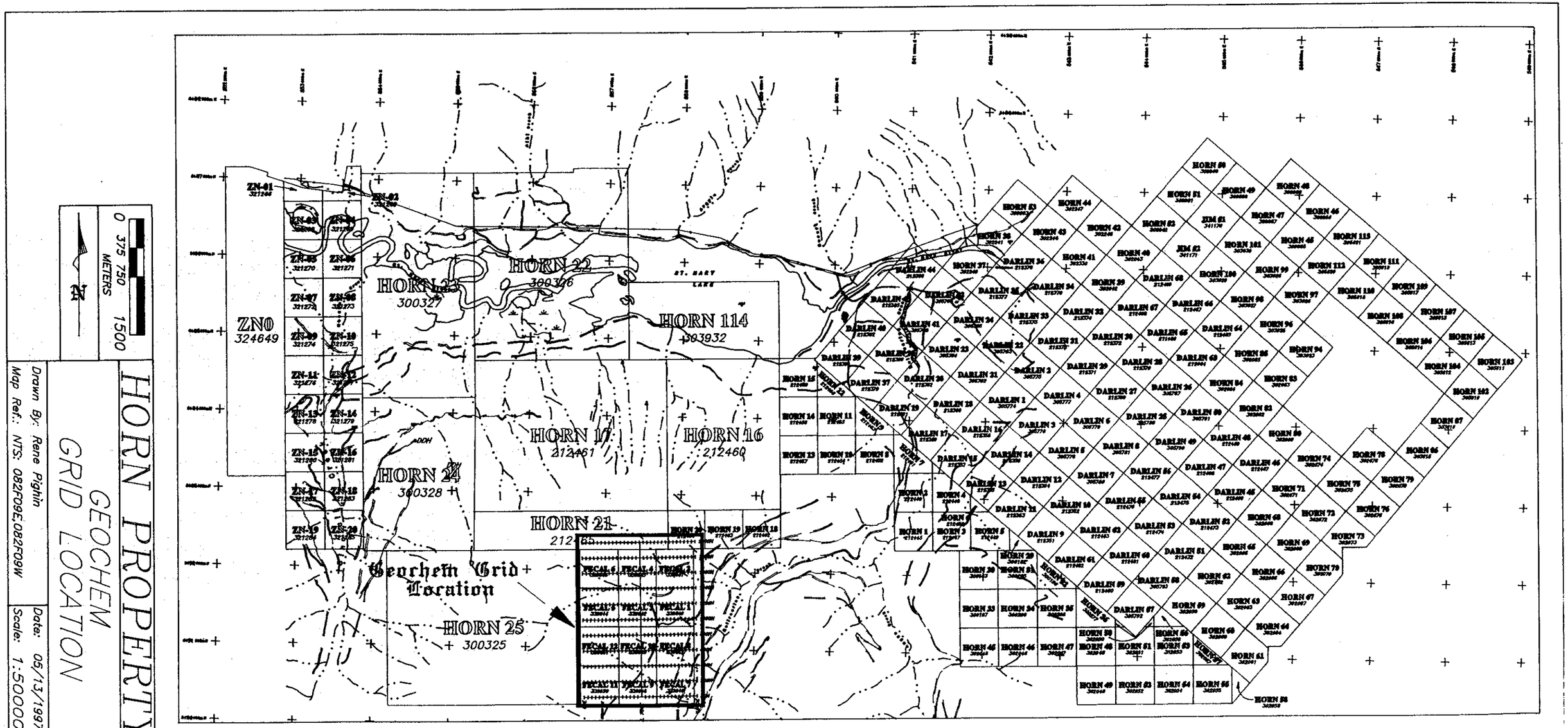
In 1997, Quest International Resources Corp. completed a preliminary soil geochem survey designed to find the source of the mineralized boulders.



HORN PROPERTY

PROPERTY LOCATION MAP

Scale: As Shown	Date: Jan/95	Plate:



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XREFS: C:\HORN PROPERTY\HN10.dwg

PLATE 2

3.00 GEOLOGY

3.10 Regional Geology

The Horn property is located in the north central part of the Belt Basin (Purcell Supergroup). The property is underlain by the Middle Aldridge and Lower Aldridge Formations.

3.20 Stratigraphy

Aldridge Formation

The Aldridge Formation has been sub-divided into three informal units, the lower, middle and upper Aldridge Formations. Regionally, the lower Aldridge Formation is comprised of grey weathering quartz wacke and siltstone interbedded with silty argillite. The middle Aldridge Formation is comprised of "... thick-bedded, massive to graded quartz arenite and wacke beds, thin-bedded siltstone and, minor argillite" (Höy 1993). In the Moyie area, the Middle Aldridge unit is in excess of 2800 meters thick.

The basal part of the middle Aldridge generally consists of grey weathering, interbedded siltstone and arenite with minor intervals of silty argillite. In the upper middle Aldridge succession, competent quartz arenite and siltstone intervals are thinner with a corresponding increase in the proportion of more recessive, interbedded siltstone and argillite. The upper part of the middle Aldridge "... comprises a number of distinct cycles of massive, grey quartz arenite beds that grade upward into an interlayered sequence of siltstone and argillite ... The contact with the Upper Aldridge is placed above the last bed of massive grey quartz arenite" (Höy 1993).

Intraformational conglomerates have also been described at varying stratigraphic levels in the Aldridge Formation, from the upper portion of the lower Aldridge, at the lower-middle contact and in the lower portion of the middle Aldridge. They range from conformable to crosscutting zones of intraformational conglomerate to massive zones of siltstone or wacke.

The intraformational conglomerates (fragmental) layers are generally massive to poorly bedded, occasionally with a crude fining upward texture. Clasts and/or fragments range from a few millimeters to many centimeters in diameter and are clast to matrix supported in a silty matrix. Both conglomerate clasts and the matrix are compositionally identical with the host Aldridge Formation.

"Crosscutting zones of conglomerate or massive sandstone are less common. A zone of massive sandstone several tens of meters wide and containing abundant lithic fragments is exposed ... just south of Moyie. It

is vertical, cutting across essentially flat-lying middle Aldridge turbidite beds. Its contact is irregular and a poorly developed vertical banding is apparent in the first few meters of the edge of the zone. The zone dies out upsection, and is overlain by flat-lying turbidite beds"

Other crosscutting zones occur beneath the Sullivan orebody, North Star Hill and at the St. Joe prospect. In contrast with the Moyie structures, these are associated with tourmaline alteration and sulphide mineralization. On North Star Hill, irregular crosscutting zones and concordant layers of conglomerate are conspicuous in the upper part of the lower Aldridge. Clasts of argillite, quartzite and tourmalinite up to 5 centimeters across occur in a dark grey quartzite or siltstone matrix. Both stratabound conglomerate and a large crosscutting conglomerate breccia occur in the footwall of the Sullivan deposit. At the St. Joe prospect, a crosscutting fragmental unit several meters thick is overlain by an intraformational conglomerate unit suggesting fragmentals were extruded onto the seafloor" (Höy 1993).

The upper Aldridge Formation consists mainly of rusty weathering, thin-bedded, dark to medium grey argillite, and thinly parallel-laminated light and dark grey siltite laminae. Strata of the Aldridge Formation "... grade into those of the overlying Creston Formation over a few hundred meters ... characterized by the increasing abundance of a very thin-bedded, medium-grained siltite ... The top of the Aldridge Formation was defined at the top of the last thick (greater than 10 meters) interval of grey argillite and thinly parallel-laminated siltite" (McMechan 1979). Alternatively, Höy (1993) described the contact between the upper Aldridge and Creston Formations as usually gradational and placed the contact where either green-tinged lenticular bedding or syneresis cracks become noticeable.

3.30 Moyie Intrusives

The following has been paraphrased from Höy (1993):

"Moyie sills are restricted to the lower Aldridge, the lower part of the middle Aldridge, and to correlative rocks in the northern Hughes Range. Moyie Intrusions generally form laterally extensive sills ... (and) commonly comprise up to 30 per cent of lower and middle Aldridge successions. Their abundance decreases up-section in the middle Aldridge, as the abundance of thick-bedded A-E turbidites decreases.

Moyie sills comprise dominantly gabbro and diorite. ... (consisting of)

dominantly hornblende and plagioclase phenocrysts, typically up to 5 millimeters in diameter, in a finer grained groundmass of plagioclase, quartz, hornblende, chlorite and epidote. Hornblende phenocrysts, commonly partially altered to chlorite and epidote, are generally subhedral to anhedral with irregular ragged terminations. Plagioclase ... is generally clouded by a fine mixture of epidote and albite (?), particularly in the more calcic cores of zoned crystals. Accessory minerals include leucoxene, commonly intergrown with magnetite, as well as tourmaline, apatite, calcite and zircon."

3.40 Structure

Rocks of the Belt Basin have been affected by several separate phases of deformation, ranging from Middle Proterozoic through to Paleocene. The North American craton underwent two phases of extension, a compressional orogeny and subsequently continental rifting followed by development of a miogeocline. Thrusting and folding associated with development of the Foreland Fold and Thrust belt took place from Cretaceous to Paleocene time and was followed by Eocene extension.

The earliest deformation was associated with extension in the Middle Proterozoic which resulted in block faulting along the margin of the Purcell Basin, coincident with deposition of the Fort Steele and Aldridge formations. Distinct changes in the character of lower Purcell strata of the Hughes Range indicate that the Boulder Creek fault and the segment of the Rocky Mountain Trench fault north of Boulder Creek represent the northern and eastern edge of the local Purcell Basin. Dramatic southward increases in coarse-grained sediments in the Northern Hughes Range suggest proximity to growth faults near the margin of the basin. Movement along these growth faults is interpreted to have ceased by upper middle to upper Aldridge time.

Voluminous extrusion of basaltic lava (Nicol Creek Formation) in the upper Purcell Supergroup has been interpreted to indicate renewed extension in the Purcell Basin. In addition, dramatic changes in the thickness of the Sheppard and Gateway formations were interpreted to reflect growth faults active during deposition of these strata. A tectonic high has been proposed in the Larchwood Lake area north of Skookumchuck. Variations in the thickness and character of the strata document facies changes which resulted "... from block faulting ..., with erosion and deposition of coarse conglomerates on and at margins of tectonic highs and shallow-water, turbulent carbonate facies deposited in adjacent small basins (Höy 1993).

A late Middle to early Upper Proterozoic (1300 to 1350 Ma) compressional event, the East Kootenay orogeny, has been interpreted based upon evidence

for deformation and metamorphism prior to deposition of lower Paleozoic miogeoclinal strata. This event was associated with folding with the development of a regional cleavage and granitic intrusions (i.e. 1305±52 Ma Hellroaring Creek stock). Localized high grade metamorphic areas (i.e. Mathew Creek) are related to this tectonic event which is interpreted to have terminated Belt Purcell sedimentation.

The extensional Goat River orogeny occurred during deposition of the Windermere Supergroup (800 to 900 Ma) and is characterized by large-scale block faulting during and perhaps immediately prior to deposition of strata. The Windermere Supergroup is comprised of a basal conglomerate (Toby Formation) overlain by immature clastic and carbonate sediments of the Horsethief Creek Group. The Toby Formation consists of "... predominantly conglomerates and breccias, interpreted to have been deposited in fan sequences adjacent to active fault scarps in large structural basins. Locally, up to 2000 meters of underlying Belt-Purcell rocks have been eroded from uplifted blocks, providing a sediment source ... in adjacent basins" (Höy 1993).

The earlier tectonic events may record incipient rifting, with development of block-faulted, intracratonic structural basins, whereas by early Paleozoic time continental separation had occurred as platformal and miogeoclinal sediments were deposited on a western continental margin. The Laramide orogeny (Late Jurassic to Paleocene) resulted in the horizontal, northeast directed compression of Proterozoic strata and the overlying Paleozoic miogeoclinal prism onto the North American craton. Easterly verging thrust faults and folds developed with normal faults and westerly verging back thrusts and normal faults, resulting in locally complex structural relationships. Two major faults, the Boulder Creek - St. Mary and Dibble Creek - Moyie faults, have had a significant role in the structural history and fabric of the region, controlling facies and thickness changes in Proterozoic and Paleozoic strata.

"The Boulder Creek fault, one of the more prominent structural features that crosses the generally north-trending structural grain, coincides approximately with a pronounced change in Purcell rocks. The St. Mary fault, the southwestern extension of the Boulder Creek fault, follows the southern edge of a late Proterozoic (Windermere) structural basin. To the south, the northeast-trending Moyie - Dibble Creek fault system coincides with the northwestern flank of Montania, a lower Paleozoic tectonic high" (Höy 1993).

A final episode of north-trending, west dipping normal faulting took place in the Late Tertiary. The Rocky Mountain Trench is the most prominent and is a listric normal fault having dip-slip separation of at least 5 to 10 kilometres. However,

strike slip separation is interpreted to be minimal due to stratigraphic correlations across the trench.

3.50 Mineralization

There are two main deposit types hosted by Purcell Supergroup strata in southern British Columbia, namely:

1) stratabound clastic-hosted deposits such as the Sullivan and Kootenay King, which are syngenetic or formed immediately following deposition of the host sediments, or

2) vein deposits, which have been sub-divided by Höy (1993) into three separate types:
   a) copper veins (i.e. Bull River and Dibble)
   b) lead - zinc veins (i.e. Estella and St. Eugene), and
   c) gold veins (Perry Creek and Midway).

Stratabound Clastic-hosted Deposits

Stratabound clastic-hosted deposits are "... concordant bodies of massive or laminated lead, zinc and iron sulphides in fine to, less commonly, medium-grained sedimentary rocks" (Höy 1993). Some deposits may have cross-cutting footwall stockworks, disseminated or vein mineralization interpreted as conduits for mineralized solutions which were subsequently deposited as the overlying stratiform deposit.

Many stratiform lead-zinc deposits have associated zoning, either vertically (commonly copper-lead-zinc-(barium)) or lateral (commonly copper-lead-zinc). Stratiform lead-zinc deposits in the Purcell Supergroup are restricted to deep water facies of the lower and middle Aldridge Formation.

Sullivan

The following has been taken from Höy (1993). :

"The Sullivan deposit is one of the largest base metal massive sulphide deposits in the world. ... The deposit has produced in excess of 125 million tonnes of ore from an original reserve of more than 160 million tonnes that contained 6 per cent lead, 6 per cent zinc, 28 per cent iron and 67 grams per tonne silver.

The western part of the orebody is approximately 1000 meters in diameter and up to 100 meters thick. It comprises massive

pyrrhotite with occasional wispy layers of galena, overlain by layered galena, pyrrhotite and sphalerite, which in turn is overlain by pyrrhotite, sphalerite, galena and minor pyrite that is intercalated with clastic layers. Its eastern part, separated from the more massive western part by an irregular transition zone, includes five distinct conformable layers of generally well-laminated sulphides separated by clastic rocks. The sulphide layers thin to the east away from the transition zone. Sub-ore-grade sulphide layers of pyrite and pyrrhotite with subordinate sphalerite and galena persist beyond the eastern limits of the ore-grade sulphides.

An extensive brecciated and altered zone underlies the massive western part of the orebody. Linear north-trending breccia zones, disseminated and vein sulphides, and extensive alteration to a dark, dense chert-like tourmaline-rich rock are conspicuous features of the altered footwall. Albite-chlorite-pyrite alteration is also restricted to the western part of the orebody, occurring in crosscutting zones in the footwall tourmalinite, in the orebody itself and up to 100 meters into the hangingwall.

The deposit is zoned, with lead, zinc and silver values decreasing toward the margin in the eastern part. Tin is concentrated in the western part. In general, metal distribution patterns are directly related to proximal chaotic breccia; higher absolute values and higher Pb/Zn and Ag/Pb ratios overlie the breccia zones.

Sullivan is interpreted to be a hydrothermal synsedimentary deposit (sedex deposit) that formed in a small submarine basin. The western part lies directly above the conduit zone, the brecciated and altered footwall of the deposit."

Kootenay King (from Höy 1993)

The Kootenay King mine is a stratiform clastic-hosted deposit which produced approximately 13 260 tonnes of ore with documented recovery of 715 grams of gold, 882 kilograms of silver, 710 866 kilograms of lead and 881 383 kilograms of zinc. The deposit was a small orebody comprised of a massive lead-zinc sulphide layer strata correlated to the lower middle Aldridge Formation. The deposit was contained within the "Kootenay King" quartzite, a prominent thick-bedded quartzite interval within dominantly buff-coloured dolomitic siltstone, dolomitic argillite and dark grey argillite. The quartzite interval is up to 250 meters thick and

consists of a sequence of interbedded wacke, arenite and minor argillite which becomes thicker and coarser grained to the south. An impure, fine-grained dolomitic facies near the top of the Kootenay King quartzite hosted the orebody. Mineralization included fine-grained, laminated pyrite, galena and an unusual pale grey to green sphalerite.

"The lack of either a footwall stringer zone or hangingwall alteration, and the finely laminated nature of the mineralization suggests either that the deposit is distal, well-removed from its vent source or that much of it is eroded, including evidence of a conduit in the footwall" (Höy 1993).

Vein Deposits and Occurrences

The Aldridge and Creston formations are important for vein type deposits in southern British Columbia. The Aldridge Formation is host to copper veins (adjacent to Moyie sills), lead-zinc veins (in late structures or adjacent to late felsic intrusions) and gold veins. Copper veins are most commonly hosted by the Creston Formation. Gold veins are also documented in sheared Creston Formation in Perry Creek. Metals recovered from vein deposits (primarily the Bull River, Estella, St. Eugene and Stemwinder mines) total approximately 219 400 grams gold, 198 418 kilograms silver, 7270 tonnes copper, 119 962 tonnes lead and 28 850 tonnes zinc. "Most veins carry pyrite, pyrrhotite, chalcopyrite, galena or sphalerite in a quartz-carbonate gangue. Veins hosted by Purcell Supergroup rocks are subdivided into three main types, those with copper, those with silver, lead and zinc, and those with gold as their primary commodities" (Höy 1993).

Lead-Zinc Veins

Lead-zinc veins carry lead and zinc with variable amounts of copper, silver and gold with galena, sphalerite, pyrite and pyrrhotite as the main sulphide minerals. Minor chalcopyrite, arsenopyrite and tetrahedrite may also be present. The gangue mineral is predominantly quartz, but may include quartz-calcite or less commonly quartz siderite.

"Nearly all lead-zinc vein occurrences are within the Aldridge Formation, most commonly in the middle Aldridge or in rocks correlative with the middle Aldridge rocks (Unit A1d) ... Middle Aldridge rocks are deep-water clastic facies with relatively high background metal values that provide a source for metals in the veins. They are commonly thick-bedded and competent, and hence fracture readily. In contrast with copper veins, only a few lead-zinc veins appear to be associated with the Moyie sills. ...

Despite the variety of lead-zinc deposits in Aldridge rocks, most have very similar lead isotopic ratios. These ratios are similar to those of stratiform deposits such as Sullivan and Kootenay King, indicating a common lead source, presumably the host Aldridge succession. Metals were initially deposited together with Aldridge sediments, remobilized during intrusive or later tectonic events and deposited as lead-zinc veins" (Höy 1993).

St Eugene (paraphrased from Höy (1993))

The St. Eugene deposit is typical of an Aldridge-hosted Pb, Zn, Ag massive sulphide vein. The St. Eugene deposit is located in a vein system which extended from the east side of Moyie Lake (St. Eugene deposit and Society Girl) to the west side (Guindon and Aurora). It is the largest vein deposit in the Purcell Supergroup, having produced approximately 78 846 grams gold, 182 692 kilograms silver, 113 034 tonnes lead and 14 483 tonnes zinc from 1.47 million tonnes of ore. Mineralization was controlled by a large east-west trending fracture system (3300 meters in strike length and over 1300 meters in vertical extent) oriented almost perpendicular to the axis of the Moyie Anticline. At deeper levels, the vein system crosscuts middle Aldridge strata whereas at higher levels it crosscuts strata of the Creston Formation.

The St. Eugene deposit was controlled by two bounding fractures, the North and South fractures. The North fracture, or Main vein, was the most productive of the orebodies. Mineralization in the North fracture decreased to the west with a corresponding increase in mineralization of the South fracture. The deposits occurred as tabular ore shoots up to 10 meters in thickness, with one or more bands of near massive galena up to 1.3 meters thick. A significant secondary control on mineralization was the host lithology. Thick-bedded, more competent quartzite produced steeper, clean fractures that favoured mineralization. Thin-bedded quartzite-siltite interbeds higher in the succession were less favourable with the argillites and siltites of the upper Aldridge generally devoid of mineralization. The more competent quartzite of the overlying Creston Formation hosted the Society Girl deposit. The dominant vein minerals were galena and sphalerite, associated with pyrite, pyrrhotite, and minor magnetite, chalcopyrite and tetrahedrite.

4.00 PROPERTY GEOLOGY

4.10 Stratigraphy

The Horn property is mainly underlain by the Aldridge Formation. The Aldridge Formation has the sedimentalogical characteristics of a flysch sequence. The Formation in general is a monotonous and repetitious sequence of alternating beds of fine to medium grained siltstone and argillite, with lessor very fine and coarse grained quartz arenite. Beds show sharply defined bottom surfaces which are commonly marked by abundant sole markings. Internal structures are generally indistinct and bed surface features such as ripple marks are rare. Graded bedding occurs throughout most of the stratigraphic sequence.

The Aldridge Formation is sub-divided into three map units; the Lower, Middle and Upper Aldridge. Sediments belonging to the Upper Aldridge sub-division are not found on the Horn claims.

The Lower Aldridge sediments are a rhythmic succession of thin to medium bedded siltstones, that are typically graded and very fine grained. Interbedded with the rhythmic sequences of graded siltstone are finely parallel laminated sequences of very thin bedded argillite. The argillite is generally pyrrhotiferous and characteristically weathers rusty. The Lower Aldridge unit is thought to be more than 7,000 ft. thick, however, the base of the unit has not been documented.

The base of the Middle Aldridge is marked by the abrupt appearance of medium to thick beds of graded arenaceous siltstone. The Middle Aldridge unit is approximately 10,000 ft. thick, consisting mainly of medium to thick bedded siltstone with scattered sequences of thin bedded, rusty weathering argillite. Internal texture and structure and bed forms are consistent with the A-E turbidite structure described by Bouma (1962).

On the property, an economically significant fragmental unit is developed at the contact between the Middle and Lower Aldridge Formations (this contact is commonly referred to as Sullivan Time or Sullivan Horizon). In drill holes the fragmental unit can be thick as 260 meters. The fragmental formation consists of interlayered coarse grained quartzite, grits and clast to matrix supported conglomerate. This unit resembles the fragmental rocks that are associated with the Sullivan Orebody located 14 km northwest of the Horn property.

4.20 Intrusive Rocks

4.21 Gabbro (Moyie Instrusives)

On the property, gabbro intrusions comprise 30% to 40% of the Lower Aldridge unit and form from approximately 10% to 15% of the Middle

Aldridge unit. The gabbro intrusions are mainly sills and slightly discordant sheets, gabbro dykes also occur but are rare. These sills can range from a few meters thick to several hundred meters thick. The sills are generally medium to coarsely grained with finer grained margins. The Moyie Intrusions have isotopic ages indistinguishable from the host Aldridge rocks (approximately 1,433 Ma, Zartment, 1982), it generally accepted that they are coeval with the deposition of the Upper Aldridge Formation.

4.22 Hellroaring Creek Stock

The Hellroaring Creek Stock is located near the southeast corner of the Horn claims. The Stock varies between a coarse grained granodiorite and a pegmatite. Aplite is locally common near the Stocks contacts. In general, the rock is composed of sodic plagioclase and microcline, quartz, muscovite and tourmaline with minor garnet, rare euhedral beryl and pyrite. The stock is dated at 1300 Ma and probably accompanied a major metamorphic event effecting the Aldridge sediments and Moyie Sills.

5.00 STRUCTURE

Aldridge sediments on the Horn property form the crest and west limb of a major north-trending anticline. Sediments on the western part of the claim block strike north and dip west between 20° and 40°. On the east side of the claims sediment strike easterly and dip north between 25° and 40°. Structure on the property is dominated by the two west dipping, Sin and Alki thrust faults. These faults successively move older stratigraphy from the west over younger stratigraphy on the east. This movement exposes the favourable Sullivan Horizon on the east and on the west sides of the Horn property.

6.00 METAMORPHISM

In general, the rocks on the Horn property are metamorphosed to biotite and garnet zone greenschist facies. The metamorphic grade on the property increases to the sillmanite facies in the area adjacent to Hellroaring Pegmatite-Granodiorite Stock.

7.00 MINERALIZATION and ALTERATION

Two types of mineralization occur on the property. Type one are fisser veins developed in shear zones. The Dan Howe prospect and the Boy Scout Mine are two examples of shear zone-hosted fisser veins. These deposits consist of rapidly pinching and swelling massive sulphide veins rarely more than 2 meters thick. The veins consist mainly of massive to semi-massive galena, sphalerite, pyrrhotite, pyrite and arsenopyrite with minor quartz-siderite gangue.

Type two is base metal mineralization hosted by Aldridge sediments. On the Horn property, base metal mineralization occurs in a thick laterally extensive Aldridge

fragmental unit, stratigraphically located at Sullivan Time. Galena, sphalerite, pyrrhotite and arsenopyrite occur within the fragmental unit as low grade disseminations, thin wispy layers and massive sulphide veinlets. This mineralization is commonly associated with muscovitization, albitization and some tourmalinization.

8.00 1997 SOIL GEOCHEMICAL GRID

The soil grid consists of 11 east-west lines each 1.5 km long, spaced 200 m apart along a north-south baseline. A total of 341 'B' Horizon soil samples were taken at 50 m intervals along east-west grid lines. All the soil samples were assayed 30 element ICP by Rossbacher Laboratories in Burnaby, B.C.

Lead, zinc and arsenic values were plotted and contoured on 1:10,000 scale maps (see Figures 1 to 3).

Threshold values for lead, zinc and arsenic in 'B' Horizon soils which overlie Aldridge Formation sediments, are 45 ppm lead, 145 ppm Zn and 11 ppm arsenic. These values were established by Cominco Ltd. using a regional data base of thousands of samples.

The soil grid located three significant zinc anomalies marked A, B and C (Figure 2). Anomaly 'B' strikes NW and is 1.2 km long. Anomaly 'B' appears to reflect discordant base metal mineralization.

Zinc anomaly 'A' located on Line 2000N is open to the north. Zinc anomaly 'C' located on Line 2000N is also open to the north and east. To fully evaluate the true economic significance of zinc anomalies A and C, further soil geochem must be completed to the north and east of Line 2000N (see Figure 1).

Lead soil anomaly 'D' occurs on Lines 1600N, 1800N and 2000N. Lead anomaly 'D' appears to link zinc anomalies B and A. The lead anomaly is open north of Line 2000N.

Three significant arsenic anomalies 'E', 'F' and 'G' (Figure 3) were found by the 1997 soil grid. Arsenic anomaly 'E' correlate with zinc anomaly 'A', lead anomaly 'D' and in part zinc anomaly 'B'.

9.00 CONCLUSIONS

Exploration work on the Horn claims has outlined an extensive fragmental unit stratigraphically located at Sullivan Time. The Horn fragmental is comparable in size to the fragmental complex associated with the Sullivan orebody some 14 km NE of the Horn claims. Both the Horn and Sullivan fragmental units host anomalous amounts of sphalerite, galena, pyrrhotite and arsenopyrite. Sullivan-type alteration such as

albitization, muscovitization and tourmalinization also occurs within the Horn fragmental unit. Therefore, the new sulphide-rich fragmental unit and corresponding lead-zinc-arsenic soil anomalies recently found on the east side of the Horn property is a new and unexplored, economically significant, target.

10.00 RECOMMENDATIONS

To develop a drill target the following work is proposed:

1) Expand the existing soil grid to the north, east and west.
2) Complete an EM and Magnetometer geophysical survey.
3) Do a program of detailed geological mapping and prospecting.

11.00 REFERENCES

Volcanism in the Middle Aldridge Formation, Purcell Supergroup, S.E.B.C., by T. Hoy, D.L. Pighin, P.W. Ransom

The Fors Prospects, A Proterozoic Sedimentary Exhalative Base Metal Deposit in Middle Aldridge Formation, S.E.B.C., by J.M. Britton & D.L. Pighin

Vine - A Middle Proterozoic Massive Sulphide Vein, Purcell Supergroup, S.E.B.C. by T. Hoy & D.L. Pighin

Geology of the Sullivan Orebody, Kimberley, B.C., Canada by J.M. Hamilton, D.T Bishop, H.C. Morris and O.E. Owens

Structural Setting, Mineral Deposits and Associated Alteration and Magmatism, Sullivan Camp, S.E.B.C., by T. Hoy

Geology of the Purcell Supergroup in the Fernie West-half Area, S.E.B.C., Bulletin 84, by T. Hoy

STATMENT OF EXPENDITURES

Horn Property
Grid Soil Geochemical Survey

Work performed from July 1 to 15, 1998

CONTRACT SERVICES

Bestech Services, Cranbrook, B.C.	
Permitting/Grid layout/Sample preparation	
4 days @ $225/day	$ 900.00
Soil Sampling	
12 days @ $190/day	2,280.00

LABORATORY CHARGES

Rossbacher Laboratory Ltd., Burnaby, B.C.	
341 samples @ $6/sample	2,046.00
TOTAL =	**$5,226.00**

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. L. PIGHIN
GEOSCIENTIST

David L. Pighin, P.Geo.
High-Grade Geological Consulting

AUTHOR'S QUALIFICATIONS

As author of this report I, David L. Pighin, certify that:

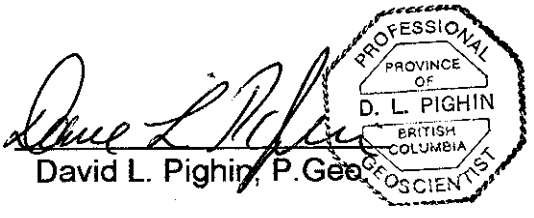
4. I am a self employed consulting geologist whose office is at Hidden Valley Road, Cranbrook, B.C., mailing address is P.O. Box 728, Cranbrook, B.C. V1C 4J5

5. I am a Member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

6. I have been actively involved in mining and exploration geology, primarily in the Province of British Columbia, for the past 32 years.

7. I was employed by Cominco Ltd. as a prospector, exploration technician and geologist for 24 years and later by numerous junior exploration companies.

Dated at Cranbrook, British Columbia, this 17th day of August, 1998.



David L. Pighin, P.Geo.

APPENDIX 1

Grid Soil Geochem Assays

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : Quest International Resource Corp.
PO BOX 728
CRANBROOK, B.C. V1C 4J5

Project: Horn
Type of Analysis: ICP

Certificate: 97105
Invoice: 50844
Date Entered: 97-08-07
File Name: RAM97105
Page No.: 1

PREFIX	SAMPLE NAME	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	00N 000E	0.1	2.65	24	86	1	1	0.07	0.1	10	16	32	2.84	0.12	5	0.35	264	2	0.02	16	550	13	1	1	0.06	8	0.12	32	1	81
S	00N 050E	0.1	3.45	19	71	1	1	0.07	0.6	9	19	56	2.60	0.10	10	0.34	527	2	0.02	16	1485	17	1	1	0.05	11	0.13	33	1	77
S	00N 100E	0.1	3.25	19	73	1	1	0.12	0.1	13	35	45	3.00	0.10	6	0.46	340	1	0.02	22	715	14	2	1	0.06	10	0.13	39	3	82
S	00N 150E	0.1	1.52	12	113	1	1	0.11	0.1	10	20	27	2.35	0.04	5	0.20	1007	1	0.02	10	369	7	1	1	0.06	9	0.10	36	8	61
S	00N 200E	0.1	2.99	23	86	1	1	0.32	1.4	27	33	55	3.66	0.12	20	0.44	2304	1	0.02	27	667	21	1	1	0.06	17	0.13	40	4	109
S	00N 250E	0.1	2.86	29	115	1	1	0.25	0.8	18	31	40	3.82	0.15	23	0.40	1746	2	0.02	24	533	25	1	1	0.05	13	0.14	41	9	108
S	00N 300E	0.1	2.32	56	94	1	1	0.25	0.5	8	28	34	3.23	0.15	21	0.37	379	3	0.02	15	475	12	1	1	0.05	13	0.11	40	10	70
S	00N 350E	0.1	2.61	86	92	1	1	0.14	0.8	8	35	36	3.31	0.17	32	0.43	282	1	0.02	18	191	12	1	1	0.05	10	0.11	40	3	57
S	00N 400E	0.1	1.80	23	84	1	1	0.08	0.1	5	13	20	2.45	0.11	10	0.30	211	1	0.02	9	1392	9	1	1	0.05	8	0.10	27	1	66
S	00N 450E	0.1	2.45	24	77	1	1	0.11	0.8	7	12	25	2.60	0.11	13	0.26	220	2	0.02	10	938	15	1	1	0.05	8	0.12	30	1	59
S	00N 500E	0.1	1.15	21	55	1	1	0.13	0.1	3	13	20	2.07	0.11	12	0.33	171	1	0.02	8	507	11	1	1	0.04	6	0.08	27	5	41
S	00N 550E	0.1	1.06	22	51	1	1	0.18	0.1	4	10	17	1.93	0.07	11	0.25	160	1	0.02	7	451	6	1	1	0.04	8	0.07	25	1	40
S	00N 600E	0.1	2.95	37	146	1	1	0.21	1.2	14	19	33	3.80	0.22	13	0.40	361	2	0.02	25	686	25	8	1	0.05	12	0.13	38	1	75
S	00N 650E	0.1	1.74	21	124	1	1	0.17	0.8	8	11	16	2.69	0.18	7	0.26	392	1	0.02	9	2407	16	1	1	0.04	9	0.11	28	3	61
S	00N 700E	0.1	3.40	30	139	1	1	0.33	0.9	18	17	36	4.09	0.27	35	0.45	1059	3	0.02	17	712	28	1	1	0.05	21	0.13	48	1	79
S	00N 750E	0.1	3.27	23	279	1	1	0.23	0.1	10	6	23	3.86	0.33	14	0.39	1382	1	0.03	10	2005	14	1	1	0.05	17	0.20	40	1	111
S	00N 800E	0.1	3.08	30	184	1	1	0.11	0.1	12	12	32	3.83	0.21	15	0.39	1322	3	0.02	13	2076	19	1	1	0.05	9	0.16	45	1	144
S	00N 850E	0.1	1.84	17	146	1	1	0.38	0.1	8	9	17	2.32	0.15	6	0.23	670	3	0.03	7	2285	11	1	1	0.06	24	0.11	24	1	108
S	00N 900E	0.1	2.25	18	173	1	1	0.28	0.1	10	5	22	3.73	0.29	10	0.42	545	1	0.03	7	2031	13	1	1	0.05	14	0.15	37	1	78
S	00N 1000E	0.1	2.73	22	164	1	1	0.20	0.7	14	9	23	3.57	0.22	9	0.40	314	3	0.04	12	1783	12	1	1	0.06	14	0.15	45	1	76
S	00N 1050E	0.1	0.96	6	234	1	1	0.29	0.7	4	5	13	1.49	0.09	5	0.13	946	1	0.02	3	1373	11	1	1	0.05	37	0.08	21	1	88
S	00N 1100E	0.1	2.24	15	128	1	1	0.12	0.1	6	9	17	2.25	0.10	4	0.23	979	1	0.02	9	2503	14	3	1	0.05	11	0.11	25	3	87
S	00N 1150E	0.1	3.52	35	107	1	1	0.47	0.8	17	1	19	7.17	0.84	10	1.69	474	3	0.02	12	2330	9	7	1	0.05	14	0.30	267	1	87
S	00N 1200E	0.1	3.13	15	262	1	1	0.32	0.1	5	4	17	2.23	0.10	5	0.17	1643	2	0.03	8	5944	10	1	1	0.05	36	0.14	27	1	126
S	00N 1250E	0.1	1.51	27	78	1	1	0.33	0.6	9	12	27	2.93	0.29	16	0.45	349	2	0.02	10	1595	12	3	1	0.04	11	0.11	30	1	57
S	00N 1300E	0.1	2.21	23	138	1	1	0.22	0.1	5	8	18	1.86	0.10	7	0.16	632	2	0.03	8	2106	11	1	1	0.05	22	0.12	22	1	64
S	00N 1350E	0.2	2.93	43	171	1	1	0.65	0.6	13	19	48	3.36	0.19	44	0.45	376	2	0.03	22	827	19	1	1	0.05	32	0.11	42	1	56
S	00N 1400E	0.1	1.82	22	84	1	1	0.35	0.1	12	12	38	2.53	0.17	18	0.50	298	2	0.03	14	831	9	1	1	0.05	15	0.10	34	1	49
S	00N 1450E	0.1	2.02	24	68	1	1	0.10	0.8	6	9	22	2.26	0.05	7	0.20	116	2	0.02	11	944	15	4	1	0.04	7	0.14	37	1	63
S	00N 1500E	0.1	1.08	27	39	1	1	0.19	0.1	5	12	20	2.23	0.08	11	0.46	191	1	0.02	10	357	9	1	1	0.05	9	0.06	23	1	45
S	200N 000E	0.1	2.26	22	66	1	1	0.05	1.1	29	37	29	3.22	0.19	11	0.47	605	1	0.01	92	597	13	1	1	0.05	8	0.14	31	6	225
S	200N 050E	0.1	2.07	21	137	3	1	0.59	3.6	169	12	70	2.75	0.15	37	0.37	6181	2	0.03	143	884	107	6	1	0.06	49	0.10	27	1	310
S	200N 100E	0.1	2.79	18	75	1	1	0.08	0.6	15	15	39	3.35	0.08	7	0.29	788	3	0.02	28	956	16	1	1	0.05	7	0.15	52	3	147
S	200N 150E	0.1	1.46	19	56	1	1	0.07	0.1	10	10	23	2.10	0.04	7	0.15	396	2	0.02	9	548	10	1	1	0.05	6	0.10	39	6	64
S	200N 200E	0.1	2.28	21	56	1	1	0.08	0.1	13	17	36	3.08	0.06	7	0.30	533	2	0.01	22	871	14	5	1	0.05	8	0.11	48	14	98
S	200N 250E	0.1	4.05	59	93	2	1	0.08	0.8	26	28	66	3.54	0.13	26	0.38	511	3	0.02	41	534	23	3	1	0.05	10	0.15	41	1	81
S	200N 300E	0.1	2.03	16	58	1	1	0.20	0.5	9	24	34	2.41	0.08	16	0.37	266	1	0.02	15	347	11	1	1	0.05	14	0.09	35	6	47
S	200N 350E	0.1	1.48	15	53	1	1	0.11	0.1	3	25	20	2.01	0.06	6	0.24	109	2	0.02	9	387	5	1	1	0.06	7	0.07	33	1	38
S	200N 400E	0.1	2.84	26	74	1	1	0.15	1.0	10	31	30	2.71	0.11	10	0.36	314	3	0.02	19	751	15	1	1	0.05	14	0.11	35	1	86
S	200N 450E	0.1	3.06	37	84	1	1	0.12	0.7	14	37	44	3.44	0.11	26	0.37	373	4	0.02	24	547	20	1	1	0.05	11	0.12	44	1	79

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : Quest International Resource Corp.
PO BOX 728
CRANBROOK, B.C. V1C 4J5

Project: Horn
Type of Analysis: ICP

Certificate: 97105
Invoice: 50844
Date Entered: 97-08-07
File Name: RAM97105
Page No.: 2

PRE FIX	SAMPLE NAME	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	200N 500E	0.1	1.09	22	39	1	1	0.12	0.1	4	14	19	1.87	0.09	7	0.23	151	2	0.01	9	534	11	1	1	0.05	8	0.06	24	1	41
S	200N 550E	0.1	1.18	19	61	1	1	0.21	0.1	4	9	17	2.19	0.12	11	0.27	191	2	0.03	6	598	8	1	1	0.05	6	0.10	36	1	36
S	200N 600E	0.1	1.15	23	42	1	1	0.08	0.1	5	11	11	1.86	0.06	10	0.16	104	2	0.01	7	751	13	1	1	0.04	5	0.07	26	1	49
S	200N 650E	0.1	1.46	27	75	1	1	0.10	0.1	5	9	14	2.01	0.07	10	0.17	293	2	0.02	7	1017	7	3	1	0.05	6	0.07	30	3	63
S	200N 700E	0.1	1.50	23	106	1	1	0.27	0.1	7	8	17	2.66	0.12	10	0.27	327	2	0.03	8	1205	9	1	1	0.05	15	0.11	48	3	48
S	200N 750E	0.1	1.53	16	110	1	1	0.18	0.9	8	10	17	2.36	0.16	8	0.24	488	3	0.02	8	1940	12	3	1	0.05	14	0.11	25	1	108
S	200N 800E	0.1	2.04	84	100	1	1	0.40	0.5	12	17	31	3.19	0.19	45	0.35	391	3	0.03	17	683	15	3	1	0.05	23	0.13	34	1	66
S	200N 850E	0.2	1.61	41	95	1	1	0.18	0.1	9	8	22	2.62	0.14	13	0.29	369	2	0.03	8	1154	9	6	1	0.05	8	0.11	39	1	66
S	200N 900E	0.1	2.12	185	249	1	1	0.35	0.9	13	11	21	3.25	0.28	14	0.34	2086	2	0.02	13	2809	15	6	1	0.05	22	0.13	29	23	119
S	200N 950E	0.1	1.97	24	165	1	1	0.28	0.9	11	6	21	3.12	0.22	10	0.41	438	2	0.02	7	2110	6	8	1	0.05	12	0.13	33	1	81
S	200N 1000E	0.1	1.14	14	80	1	1	0.30	0.1	8	5	21	2.46	0.16	14	0.35	204	2	0.02	7	1069	8	4	1	0.04	11	0.11	33	1	53
S	200N 1050E	0.1	0.98	21	88	1	1	0.26	0.1	8	7	19	1.64	0.09	6	0.24	666	3	0.02	7	968	5	1	1	0.05	17	0.07	21	9	47
S	200N 1100E	0.1	1.75	29	100	1	1	0.13	0.7	6	8	16	2.23	0.12	6	0.22	313	1	0.02	9	1717	8	7	1	0.05	9	0.12	28	1	71
S	200N 1150E	0.1	2.79	24	113	1	1	0.13	0.6	8	8	19	2.06	0.09	6	0.17	555	1	0.02	14	2163	16	5	1	0.04	11	0.12	22	1	79
S	200N 1200E	0.1	1.95	14	108	1	1	0.10	0.1	7	7	15	2.05	0.08	7	0.16	623	1	0.02	14	1961	14	2	1	0.05	7	0.10	22	13	73
S	200N 1300E	0.1	1.04	21	62	1	1	0.10	0.1	3	12	15	1.81	0.08	18	0.46	253	2	0.01	13	791	13	2	1	0.05	8	0.06	21	12	40
S	200N 1350E	0.1	0.77	16	47	1	1	0.29	0.1	6	8	20	1.95	0.10	15	0.36	255	1	0.02	10	1254	8	1	1	0.04	8	0.07	20	3	42
S	200N 1400E	0.1	0.81	15	48	1	1	0.22	0.7	6	11	16	1.97	0.11	14	0.46	290	1	0.01	12	748	11	1	1	0.03	6	0.06	18	1	46
S	400N 000E	0.1	4.80	15	65	1	1	0.05	0.1	4	6	36	2.40	0.06	12	0.17	300	3	0.02	8	1265	15	6	1	0.04	8	0.20	29	1	66
S	400N 050E	0.1	3.70	34	95	1	1	0.09	0.1	6	12	36	2.92	0.13	10	0.27	196	2	0.02	16	976	21	2	1	0.04	12	0.18	30	3	110
S	400N 100E	0.1	2.38	18	92	1	1	0.04	0.6	6	14	29	3.45	0.16	10	0.33	570	2	0.01	13	908	15	3	1	0.05	8	0.16	32	1	139
S	400N 150E	0.1	2.07	10	57	1	1	0.05	0.6	8	13	18	2.46	0.09	7	0.22	182	2	0.02	15	505	8	3	1	0.05	7	0.12	30	1	159
S	400N 200E	0.1	2.14	13	56	1	1	0.08	0.9	7	15	22	2.50	0.07	7	0.25	259	2	0.02	10	621	11	1	1	0.05	7	0.12	35	1	88
S	400N 250E	0.1	1.98	7	58	1	1	0.17	0.9	9	29	29	2.23	0.06	7	0.39	227	1	0.02	18	429	5	3	1	0.05	8	0.10	39	10	52
S	400N 300E	0.1	1.41	1	54	1	1	0.17	0.1	6	28	21	1.85	0.06	7	0.32	388	2	0.02	13	545	6	1	1	0.05	8	0.08	31	2	61
S	400N 350E	0.1	1.28	6	43	1	1	0.09	0.5	6	23	19	1.99	0.07	10	0.30	293	1	0.01	11	701	7	1	1	0.05	6	0.06	28	1	68
S	400N 400E	0.1	1.99	35	55	2	1	0.26	1.1	47	26	52	2.81	0.17	36	0.45	739	1	0.02	33	523	27	8	1	0.05	21	0.11	36	8	116
S	400N 450E	0.1	1.29	8	48	1	1	0.07	0.1	5	14	17	1.97	0.06	7	0.18	157	1	0.02	11	322	10	1	1	0.05	6	0.08	30	6	73
S	400N 500E	0.1	1.33	13	43	1	1	0.09	0.1	8	18	24	2.45	0.10	14	0.31	168	1	0.01	16	448	11	1	1	0.05	7	0.10	31	1	83
S	400N 550E	0.1	2.34	18	44	1	1	0.13	0.8	17	15	21	2.59	0.08	7	0.24	295	1	0.02	17	829	16	1	1	0.04	10	0.10	30	3	95
S	400N 600E	0.1	0.94	11	30	1	1	0.09	0.1	3	14	12	2.10	0.10	8	0.19	156	1	0.01	9	538	11	7	1	0.04	7	0.10	28	1	55
S	400N 650E	0.1	1.36	4	58	1	1	0.05	0.8	4	12	15	2.37	0.06	8	0.13	152	1	0.02	8	637	10	1	1	0.05	7	0.12	32	1	61
S	400N 700E	0.1	1.89	19	55	1	1	0.14	0.1	7	8	13	1.92	0.07	9	0.15	302	2	0.02	8	1534	12	1	1	0.03	8	0.09	21	1	63
S	400N 750E	0.1	1.11	20	46	1	1	0.20	0.5	5	9	14	2.14	0.11	10	0.30	178	2	0.02	6	457	7	1	1	0.05	8	0.09	36	1	40
S	400N 800E	0.1	1.20	16	76	1	1	0.18	1.0	7	7	14	2.27	0.10	9	0.22	203	1	0.02	6	1229	4	1	1	0.05	6	0.10	36	1	38
S	400N 850E	0.1	1.19	8	84	1	1	0.19	0.1	6	5	15	2.36	0.10	11	0.21	203	2	0.03	6	1320	9	1	1	0.05	7	0.10	31	1	51
S	400N 900E	0.1	2.51	38	175	1	1	0.44	0.6	21	10	30	3.88	0.28	29	0.34	1141	2	0.03	15	989	17	1	1	0.05	35	0.16	27	1	76
S	400N 950E	0.1	2.95	5	274	1	1	0.32	0.7	13	3	26	4.31	0.31	17	0.37	1072	3	0.03	7	2614	13	9	1	0.04	21	0.20	27	1	113
S	400N 1000E	0.1	2.95	18	356	1	1	0.48	1.5	13	9	29	4.01	0.39	30	0.39	1297	3	0.03	13	2620	37	9	1	0.05	40	0.19	29	1	173
S	400N 1050E	0.1	2.78	77	242	1	1	0.24	2.1	8	4	23	2.51	0.13	21	0.15	1027	2	0.04	8	2429	19	1	1	0.05	25	0.16	20	1	136

CERTIFIED BY: Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : Quest International Resource Corp.
PO BOX 728
CRANBROOK, B.C. V1C 4J5

Project: Horn
Type of Analysis: ICP

Certificate: 97105
Invoice: 50844
Date Entered: 97-08-07
File Name: RAM97105
Page No.: 3

PRE FIX	SAMPLE NAME	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	400N 1100E	0.1	2.57	41	93	1	1	0.13	1.1	7	7	19	2.46	0.11	9	0.15	250	2	0.03	11	1088	9	3	1	0.05	11	0.18	28	1	131
S	400N 1150E	0.1	1.95	15	108	1	1	0.16	0.6	13	8	18	2.83	0.24	14	0.33	410	1	0.03	10	1416	11	1	1	0.05	10	0.15	38	5	92
S	400N 1200E	0.1	1.61	19	79	1	1	0.19	0.1	10	11	21	2.93	0.14	9	0.36	228	1	0.02	15	730	9	1	1	0.05	7	0.12	33	1	64
S	400N 1250E	0.1	1.42	20	51	1	1	0.30	0.8	11	11	28	3.23	0.15	16	0.43	291	1	0.03	13	1116	13	1	1	0.04	8	0.12	38	5	52
S	400N 1300E	0.1	1.90	18	82	1	1	0.20	1.3	11	9	26	2.52	0.14	12	0.32	645	2	0.03	12	1405	20	5	1	0.05	10	0.12	35	14	88
S	400N 1350E	0.1	2.27	19	113	1	1	0.24	0.6	13	18	44	3.25	0.18	18	0.44	310	2	0.02	25	776	27	6	1	0.05	12	0.13	37	1	65
S	400N 1400E	0.1	2.40	28	86	1	1	0.08	1.1	7	7	17	1.72	0.05	7	0.11	307	1	0.02	14	2615	21	3	1	0.05	8	0.13	20	1	174
S	400N 1450E	0.1	2.15	20	85	1	1	0.09	1.2	6	13	20	2.04	0.08	8	0.21	400	1	0.02	11	1615	9	1	1	0.05	7	0.11	28	1	90
S	400N 1500E	0.1	1.91	163	112	1	1	0.21	0.7	9	13	35	3.01	0.21	16	0.39	297	1	0.02	26	931	15	2	1	0.05	11	0.13	28	3	104
S	600N 000E	0.1	2.09	14	99	1	1	0.04	0.1	6	24	24	3.94	0.18	14	0.37	667	3	0.01	12	969	17	1	1	0.05	9	0.15	31	9	121
S	600N 050E	0.1	1.38	6	74	1	1	0.03	0.1	6	12	20	3.62	0.13	12	0.27	277	2	0.01	12	480	14	3	1	0.05	8	0.16	34	2	115
S	600N 100E	0.1	1.59	9	47	1	1	0.11	1.1	17	14	19	3.02	0.13	12	0.32	182	2	0.02	26	462	14	1	1	0.05	14	0.14	30	1	142
S	600N 150E	0.1	2.09	22	68	1	1	0.05	0.1	18	15	31	4.24	0.14	16	0.32	270	3	0.02	24	809	13	4	1	0.05	10	0.14	34	7	141
S	600N 200E	0.1	2.23	8	118	1	1	0.06	0.8	4	15	19	3.21	0.21	11	0.37	422	2	0.02	10	670	15	3	1	0.05	10	0.19	33	1	91
S	600N 250E	0.1	1.55	1	108	1	1	0.03	0.1	2	17	15	2.79	0.16	9	0.28	313	2	0.01	8	593	10	3	1	0.04	6	0.18	34	3	70
S	600N 300E	0.1	2.38	4	101	1	1	0.06	0.7	10	18	29	3.38	0.18	13	0.31	219	3	0.02	19	618	11	1	1	0.05	11	0.16	30	18	128
S	600N 350E	0.1	1.49	22	77	1	1	0.09	1.5	8	14	19	3.06	0.12	11	0.24	329	2	0.02	16	598	17	6	1	0.05	10	0.12	29	1	138
S	600N 400E	0.1	1.88	24	59	1	1	0.11	1.1	7	13	21	2.76	0.09	10	0.19	345	3	0.01	15	758	22	4	1	0.05	9	0.10	29	19	91
S	600N 450E	0.1	2.85	13	67	1	1	0.13	1.0	13	35	38	2.43	0.08	10	0.37	225	1	0.02	21	467	12	1	1	0.05	8	0.11	34	4	68
S	600N 500E	0.1	3.15	22	46	1	1	0.11	0.8	15	19	30	2.40	0.08	13	0.27	254	3	0.02	29	948	17	6	1	0.04	9	0.11	30	12	130
S	600N 550E	0.1	1.58	22	60	1	1	0.17	0.8	11	23	22	2.06	0.10	14	0.30	236	3	0.01	15	583	20	1	1	0.04	17	0.07	27	7	61
S	600N 600E	0.1	1.27	16	51	1	1	0.15	0.7	9	18	15	2.01	0.07	13	0.23	448	2	0.01	13	576	15	1	1	0.04	10	0.08	26	11	62
S	600N 650E	0.1	0.73	4	25	1	1	0.07	0.1	1	13	10	1.28	0.05	8	0.14	108	1	0.01	6	428	6	1	1	0.05	4	0.04	21	1	43
S	600N 700E	0.1	1.00	8	52	1	1	0.08	0.1	3	13	14	1.61	0.08	8	0.17	159	1	0.01	8	692	5	1	1	0.04	5	0.07	24	1	43
S	600N 750E	0.1	1.08	13	52	1	3	0.17	0.1	3	12	17	2.65	0.10	7	0.20	163	1	0.02	8	630	11	4	1	0.04	11	0.10	35	3	50
S	600N 800E	0.1	0.92	5	50	1	1	0.11	0.9	3	9	13	1.71	0.09	11	0.21	121	1	0.01	5	397	3	1	1	0.04	8	0.07	26	20	35
S	600N 850E	0.1	1.36	12	54	1	1	0.11	0.1	5	10	15	2.09	0.08	12	0.21	179	2	0.02	6	712	9	1	1	0.05	5	0.07	33	1	50
S	600N 900E	0.1	1.73	13	65	1	1	0.10	0.1	8	10	14	2.16	0.08	8	0.16	203	1	0.02	7	1245	11	1	1	0.05	6	0.09	33	1	63
S	600N 950E	0.1	1.61	20	72	1	1	0.11	1.5	11	10	17	2.87	0.14	11	0.29	312	1	0.02	10	1057	9	1	1	0.05	6	0.12	42	1	66
S	600N 1000E	0.1	1.67	17	125	1	4	0.11	0.1	10	12	18	2.25	0.14	11	0.25	554	3	0.02	13	1041	15	3	1	0.04	12	0.12	30	1	57
S	600N 1050E	0.1	2.24	24	92	1	5	0.12	1.1	15	36	34	3.40	0.23	17	0.60	668	1	0.01	31	782	23	4	1	0.04	9	0.15	38	10	148
S	600N 1150E	0.1	2.41	72	101	1	6	0.13	1.7	19	49	41	3.02	0.12	12	0.52	540	2	0.02	34	629	56	1	1	0.04	11	0.10	42	3	236
S	600N 1200E	0.1	2.69	20	227	1	1	0.32	2.0	30	64	44	2.65	0.13	12	0.64	1864	1	0.02	40	2090	18	6	1	0.05	36	0.10	40	4	229
S	600N 1250E	0.1	2.02	10	299	1	1	0.39	1.0	19	23	31	2.01	0.12	11	0.33	824	1	0.02	25	3714	16	1	1	0.04	32	0.10	23	1	131
S	600N 1300E	0.1	2.24	22	142	1	1	0.30	0.1	7	8	20	1.47	0.06	7	0.10	326	2	0.02	9	4734	10	6	1	0.04	21	0.12	18	1	122
S	600N 1350E	0.1	2.57	48	136	1	4	0.19	0.9	18	21	59	3.50	0.20	14	0.43	494	3	0.02	29	678	13	1	1	0.04	11	0.13	45	1	88
S	600N 1400E	0.1	1.51	16	79	1	1	0.14	0.9	11	11	15	2.19	0.11	11	0.25	331	2	0.02	16	1226	12	1	1	0.03	7	0.09	26	10	124
S	600N 1450E	0.1	1.67	50	67	1	1	0.29	0.7	16	12	42	3.88	0.17	24	0.64	618	3	0.02	25	951	29	4	1	0.05	11	0.09	40	1	63
S	600N 1500E	0.1	1.23	23	55	1	1	0.17	0.6	8	14	25	2.26	0.10	7	0.31	206	1	0.02	14	810	17	1	1	0.05	5	0.10	31	1	52
S	800N 000E	0.1	1.88	5	33	1	1	0.03	0.7	3	10	16	1.74	0.04	5	0.08	102	1	0.02	5	443	6	1	1	0.05	4	0.12	32	1	38

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

To : Quest International Resource Corp.
PO BOX 728
CRANBROOK, B.C. V1C 4J5

Project: Horn
Type of Analysis: ICP

Certificate: 97105
Invoice: 50844
Date Entered: 97-08-07
File Name: RAM97105
Page No.: 4

PRE FIX	SAMPLE NAME	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Sr	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	800N 050E	0.1	2.70	10	47	1	1	0.02	0.1	3	13	21	3.23	0.11	10	0.25	112	2	0.01	8	800	10	1	1	0.04	5	0.13	28	3	77
S	800N 100E	0.1	2.19	20	40	1	1	0.02	0.1	5	12	16	2.27	0.07	8	0.16	263	3	0.01	7	786	17	1	1	0.05	4	0.11	28	10	86
S	800N 150E	0.1	1.84	15	64	1	1	0.02	0.1	7	13	18	3.09	0.08	8	0.20	788	2	0.01	12	953	16	3	1	0.05	5	0.12	35	1	87
S	800N 200E	0.1	1.63	23	67	1	5	0.03	0.7	5	15	29	4.06	0.14	12	0.31	604	2	0.01	14	811	19	5	1	0.04	7	0.11	32	1	94
S	800N 250E	0.1	1.87	22	80	1	1	0.06	0.1	8	15	22	3.22	0.15	9	0.32	764	2	0.01	13	681	14	1	1	0.04	9	0.12	29	3	110
S	800N 300E	0.1	2.41	19	98	1	1	0.04	1.5	10	12	26	3.01	0.10	11	0.22	556	4	0.01	18	816	24	3	1	0.04	7	0.14	28	1	133
S	800N 350E	0.1	1.86	15	101	1	3	0.06	0.8	6	11	18	2.91	0.10	11	0.19	907	3	0.01	10	845	21	5	1	0.04	10	0.13	28	3	94
S	800N 400E	0.1	2.05	36	75	1	1	0.04	1.6	9	13	28	3.29	0.12	14	0.27	740	2	0.01	20	688	27	6	1	0.04	9	0.12	28	1	132
S	800N 450E	0.1	1.61	11	44	1	1	0.09	1.1	10	15	17	2.14	0.06	7	0.21	240	3	0.01	14	451	12	1	1	0.04	5	0.10	33	1	96
S	800N 500E	0.1	1.46	12	44	1	3	0.10	0.8	8	17	22	2.33	0.07	7	0.27	237	1	0.01	15	296	12	1	1	0.04	6	0.09	32	1	91
S	800N 550E	0.1	1.26	16	37	1	1	0.08	0.8	7	16	18	1.88	0.09	9	0.22	169	2	0.01	15	524	12	3	1	0.04	7	0.08	25	1	79
S	800N 600E	0.1	1.89	11	49	1	1	0.08	0.6	7	10	14	2.25	0.06	6	0.10	271	1	0.02	14	526	11	1	1	0.04	6	0.11	31	1	155
S	800N 650E	0.1	1.74	18	44	1	1	0.11	0.1	16	16	21	2.88	0.09	10	0.25	259	3	0.02	20	487	17	4	1	0.04	11	0.13	33	1	96
S	800N 700E	0.1	2.28	21	62	1	6	0.06	0.8	9	20	32	2.80	0.12	13	0.35	161	3	0.01	19	685	15	1	1	0.04	7	0.11	30	1	83
S	800N 750E	0.1	2.40	14	66	1	1	0.07	0.9	8	17	33	2.25	0.08	7	0.29	193	1	0.01	15	728	13	1	1	0.03	7	0.10	30	1	58
S	800N 800E	0.1	1.29	10	46	1	1	0.06	0.7	5	17	25	2.07	0.10	10	0.32	143	1	0.01	12	589	8	1	1	0.04	5	0.08	26	1	42
S	800N 850E	0.1	1.46	9	48	1	1	0.07	0.1	4	14	13	2.21	0.06	8	0.17	202	1	0.01	8	857	6	2	1	0.05	5	0.07	31	1	45
S	800N 900E	0.1	1.97	16	48	1	1	0.11	0.1	6	11	17	2.01	0.08	10	0.20	123	2	0.02	11	891	8	1	1	0.04	9	0.09	23	1	49
S	800N 950E	0.1	1.46	20	51	1	1	0.10	0.1	14	17	20	2.15	0.09	11	0.26	308	1	0.02	14	798	11	3	1	0.04	8	0.10	29	1	55
S	800N 1000E	0.1	1.85	15	58	1	1	0.13	0.1	8	13	19	2.38	0.11	12	0.27	196	1	0.02	12	968	13	1	1	0.04	9	0.10	33	1	53
S	800N 1050E	0.1	1.59	20	61	1	1	0.07	0.1	7	12	21	1.90	0.08	12	0.21	175	2	0.01	10	1197	14	3	1	0.05	5	0.10	30	6	52
S	800N 1100E	0.1	2.86	22	78	1	3	0.09	1.2	13	12	32	2.16	0.06	9	0.21	250	3	0.02	18	1146	10	1	1	0.03	8	0.12	30	4	60
S	800N 1150E	0.1	2.59	21	97	1	4	0.15	1.5	32	21	37	3.03	0.15	15	0.34	523	3	0.02	27	777	19	1	1	0.04	15	0.12	36	5	84
S	800N 1200E	0.1	1.92	21	92	1	1	0.07	0.7	10	8	17	2.20	0.06	6	0.18	600	1	0.01	12	926	7	5	1	0.04	6	0.11	33	1	65
S	800N 1250E	0.1	1.67	11	390	1	1	0.23	1.3	14	5	30	1.72	0.07	10	0.15	1996	2	0.02	11	2063	15	1	1	0.05	26	0.10	24	1	105
S	800N 1300E	0.1	0.72	15	38	1	1	0.12	0.1	5	8	9	1.60	0.07	6	0.16	145	1	0.01	8	571	11	1	1	0.03	4	0.05	22	7	43
S	800N 1350E	0.1	1.21	17	74	1	1	0.15	0.9	7	8	15	2.25	0.10	7	0.22	202	2	0.02	9	1267	9	1	1	0.04	6	0.08	26	1	54
S	800N 1400E	0.1	1.02	16	67	1	1	0.22	0.7	7	7	17	2.20	0.11	9	0.24	233	3	0.02	9	1347	8	1	1	0.04	6	0.08	25	1	43
S	800N 1450E	0.1	0.91	8	52	1	1	0.21	0.6	6	8	15	2.06	0.09	7	0.26	381	2	0.02	8	930	8	2	1	0.04	6	0.08	27	1	39
S	800N 1500E	0.1	1.05	16	50	1	1	0.29	1.2	9	10	22	2.47	0.15	17	0.35	284	2	0.02	10	1227	11	1	1	0.04	7	0.09	29	6	46
S	1000N 000E	0.1	0.21	1	18	1	1	0.05	0.1	1	7	10	0.27	0.03	1	0.03	25	1	0.01	2	394	1	1	1	0.04	5	0.04	12	1	17
S	1000N 050E	0.1	0.57	4	20	1	1	0.02	0.1	1	9	10	0.80	0.03	3	0.06	55	2	0.01	3	324	4	1	1	0.04	2	0.08	25	10	20
S	1000N 100E	0.1	0.35	1	23	1	1	0.04	0.1	1	7	10	0.42	0.04	4	0.04	41	1	0.01	3	362	4	1	1	0.05	4	0.09	18	1	16
S	1000N 150E	0.1	1.58	11	47	1	1	0.08	0.5	6	24	33	2.30	0.10	9	0.35	477	2	0.01	15	600	10	1	1	0.04	6	0.10	35	1	70
S	1000N 200E	0.2	0.71	1	22	1	1	0.04	0.5	1	14	11	0.92	0.03	5	0.07	57	3	0.01	5	425	3	1	1	0.04	6	0.08	27	1	22
S	1000N 250E	0.1	0.94	18	16	1	1	0.04	0.1	3	25	15	2.29	0.06	9	0.19	77	2	0.01	8	536	4	1	1	0.04	3	0.08	35	1	39
S	1000N 300E	0.1	2.39	16	56	1	1	0.03	0.1	5	15	26	2.27	0.12	8	0.27	124	2	0.02	6	695	15	1	1	0.05	6	0.10	22	1	79
S	1000N 350E	0.1	3.02	16	44	1	4	0.02	0.1	3	12	21	2.22	0.08	4	0.17	170	2	0.03	5	684	13	1	1	0.04	4	0.09	22	1	62
S	1000N 400E	0.1	1.70	7	27	1	1	0.02	0.1	1	12	14	2.52	0.04	2	0.09	53	1	0.02	1	502	8	1	1	0.05	3	0.09	27	6	35
S	1000N 450E	0.1	1.90	6	36	1	1	0.02	0.1	2	10	16	2.13	0.06	4	0.14	73	3	0.03	4	367	10	1	1	0.05	3	0.09	27	5	42

CERTIFIED BY : _____

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : Quest International Resource Corp.
PO BOX 728
CRANBROOK, B.C. V1C 4J5

Project: Horn
Type of Analysis: ICP

Certificate: 97105
Invoice: 50844
Date Entered: 97-08-07
File Name: RAM97105
Page No.: 5

PRE FIX	SAMPLE NAME	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	1000N 500E	0.1	1.77	9	48	1	1	0.02	0.1	4	15	24	2.90	0.15	9	0.31	130	1	0.02	8	444	11	1	1	0.05	5	0.09	22	5	67
S	1000N 550E	0.1	1.29	5	34	1	1	0.04	0.1	1	20	23	2.80	0.11	9	0.35	134	2	0.02	7	351	13	1	1	0.05	6	0.09	27	1	42
S	1000N 600E	0.1	1.84	12	50	1	1	0.12	0.9	8	21	33	2.80	0.10	7	0.47	189	3	0.03	11	398	15	1	1	0.05	7	0.10	37	3	57
S	1000N 650E	0.1	1.53	1	44	1	1	0.20	0.9	11	19	34	2.31	0.09	4	0.45	221	1	0.04	13	537	10	1	1	0.05	9	0.09	41	1	46
S	1000N 700E	0.1	1.44	4	35	1	1	0.26	1.0	8	14	22	2.27	0.06	4	0.41	202	3	0.04	10	410	8	1	1	0.05	8	0.09	47	6	49
S	1000N 750E	0.1	2.19	13	36	1	1	0.25	0.6	12	31	38	2.39	0.08	5	0.53	229	2	0.04	17	371	11	1	1	0.05	10	0.09	44	10	53
S	1000N 800E	0.1	0.60	1	30	1	1	0.05	0.1	1	9	9	0.98	0.03	5	0.12	54	1	0.02	3	132	8	1	1	0.05	3	0.05	22	3	19
S	1000N 850E	0.1	1.67	13	49	1	1	0.11	1.0	5	24	21	2.39	0.09	9	0.38	135	1	0.03	10	394	16	1	1	0.05	7	0.07	36	1	45
S	1000N 900E	0.1	2.05	12	65	1	1	0.11	0.1	9	22	24	1.96	0.10	10	0.34	158	1	0.03	12	650	13	1	1	0.05	6	0.08	27	1	63
S	1000N 950E	0.1	1.70	15	51	1	1	0.07	1.1	8	19	26	2.04	0.09	9	0.31	173	1	0.02	15	441	16	1	1	0.04	4	0.07	25	1	44
S	1000N 1000E	0.1	1.60	13	68	1	1	0.15	0.1	6	12	18	2.19	0.10	4	0.25	216	1	0.03	8	372	13	1	1	0.05	10	0.08	31	1	56
S	1000N 1050E	0.1	1.66	1	64	1	1	0.09	0.7	4	9	15	2.17	0.09	6	0.23	120	1	0.03	5	690	12	1	1	0.05	5	0.08	32	1	70
S	1000N 1100E	0.1	1.70	10	85	1	1	0.09	0.7	6	9	14	2.12	0.09	7	0.23	172	2	0.03	7	1695	11	1	1	0.05	5	0.08	31	1	65
S	1000N 1150E	0.1	2.57	24	123	1	1	0.13	0.9	16	17	33	2.91	0.14	8	0.33	280	3	0.03	24	1052	106	1	1	0.05	10	0.12	40	5	225
S	1000N 1250E	0.1	1.65	16	68	1	1	0.11	0.1	11	10	20	2.61	0.14	8	0.32	263	2	0.03	12	623	21	1	1	0.05	8	0.10	34	1	86
S	1000N 1300E	0.1	3.94	19	96	1	1	0.08	1.0	24	11	54	4.06	0.19	10	0.34	364	2	0.03	23	1792	31	1	1	0.05	11	0.17	32	6	193
S	1000N 1350E	0.1	1.18	22	61	1	1	0.12	0.8	7	18	25	2.06	0.20	8	0.37	443	1	0.03	10	489	21	1	1	0.04	9	0.08	22	1	81
S	1000N 1400E	0.1	1.69	7	63	1	1	0.07	1.1	9	18	43	2.82	0.33	13	0.49	240	1	0.02	12	383	18	1	1	0.05	9	0.13	32	1	64
S	1000N 1450E	0.1	2.82	28	133	1	1	0.16	0.1	11	7	31	2.45	0.15	8	0.24	553	1	0.04	12	2441	13	5	1	0.05	13	0.14	25	1	91
S	1000N 1500E	0.1	2.80	14	96	1	1	0.08	0.1	9	9	20	2.06	0.10	7	0.20	363	3	0.03	21	1107	15	1	1	0.05	8	0.13	24	1	114
S	1200N 000E	0.1	2.27	16	50	1	1	0.04	0.1	3	16	24	2.05	0.13	8	0.27	128	1	0.03	8	401	15	1	1	0.04	3	0.10	24	1	53
S	1200N 050E	0.1	1.02	56	28	1	1	0.02	0.1	3	14	21	2.24	0.14	12	0.26	101	2	0.02	8	555	11	1	1	0.04	5	0.09	27	1	49
S	1200N 100E	0.1	1.46	38	48	1	1	0.07	0.1	9	22	25	2.05	0.12	9	0.42	377	2	0.02	18	210	19	1	1	0.05	7	0.10	26	9	99
S	1200N 150E	0.1	0.51	13	36	1	1	0.07	0.1	1	11	17	1.23	0.12	7	0.15	75	1	0.02	5	257	10	1	1	0.04	5	0.07	28	1	33
S	1200N 200E	0.1	1.25	8	48	1	1	0.09	0.1	4	18	12	1.43	0.07	8	0.30	94	1	0.02	8	246	17	1	1	0.04	8	0.10	16	1	48
S	1200N 250E	0.1	0.99	3	43	1	1	0.03	0.1	1	8	12	2.06	0.05	5	0.07	32	3	0.02	2	183	14	1	1	0.05	3	0.15	35	1	22
S	1200N 300E	0.1	2.53	17	47	1	1	0.03	0.7	4	23	24	3.42	0.13	5	0.27	120	1	0.02	7	481	15	1	1	0.05	4	0.12	36	1	84
S	1200N 350E	0.1	1.17	8	26	1	1	0.03	0.1	1	19	15	2.33	0.06	3	0.13	65	1	0.02	4	307	13	1	1	0.05	3	0.13	44	1	32
S	1200N 400E	0.1	0.56	1	20	1	1	0.04	0.1	1	9	12	0.77	0.03	3	0.05	31	1	0.02	2	201	7	1	1	0.05	2	0.05	21	1	13
S	1200N 450E	0.1	1.89	21	53	1	1	0.05	0.1	6	24	27	2.18	0.12	8	0.33	134	1	0.02	9	334	14	1	1	0.05	4	0.09	29	1	68
S	1200N 500E	0.1	1.82	5	37	1	1	0.04	0.1	3	16	22	2.21	0.08	4	0.18	102	2	0.02	5	420	11	1	1	0.05	4	0.09	29	1	58
S	1200N 550E	0.1	1.21	258	34	1	1	0.03	1.0	2	14	15	1.90	0.10	6	0.19	77	2	0.02	5	385	15	1	1	0.05	4	0.09	28	1	39
S	1200N 600E	0.1	1.20	12	33	1	1	0.03	0.1	4	13	16	1.82	0.10	6	0.18	77	1	0.02	6	354	13	1	1	0.05	3	0.07	24	1	38
S	1200N 650E	0.1	0.92	3	56	1	1	0.06	0.1	2	10	17	1.74	0.15	6	0.21	100	1	0.02	5	267	8	1	1	0.05	11	0.07	22	1	38
S	1200N 700E	0.1	1.35	4	40	1	1	0.02	0.7	4	12	18	2.10	0.14	9	0.26	111	1	0.02	8	380	15	1	1	0.05	4	0.07	22	1	48
S	1200N 750E	0.1	1.46	25	51	1	1	0.06	0.1	7	19	21	2.34	0.18	10	0.31	128	2	0.02	11	316	14	1	1	0.05	7	0.10	27	1	61
S	1200N 800E	0.1	1.75	27	43	1	1	0.07	0.6	7	22	25	3.04	0.18	14	0.49	164	2	0.02	12	352	16	3	1	0.05	5	0.11	31	1	59
S	1200N 850E	0.1	1.42	12	43	1	1	0.15	0.7	9	25	41	3.01	0.13	10	0.41	206	3	0.02	16	421	14	3	1	0.05	10	0.09	37	1	59
S	1200N 900E	0.1	1.80	13	50	1	1	0.12	0.6	14	23	39	2.49	0.11	8	0.38	233	2	0.02	21	393	18	1	1	0.04	9	0.09	33	4	63
S	1200N 950E	0.1	1.41	12	55	1	1	0.06	0.6	4	17	17	2.13	0.10	10	0.24	109	1	0.02	8	485	18	1	1	0.05	4	0.09	27	1	57

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
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To : Quest International Resource Corp.
PO BOX 728
CRANBROOK, B.C. V1C 4J5

Project: Horn
Type of Analysis: ICP

Certificate: 97105
Invoice: 50844
Date Entered: 97-08-07
File Name: RAM97105
Page No.: 6

PRE FIX	SAMPLE NAME	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	1200N 1000E	0.1	2.78	62	81	1	1	0.11	1.1	31	39	227	3.48	0.14	13	0.51	508	3	0.03	40	804	29	1	1	0.05	10	0.13	41	1	309
S	1200N 1100E	0.1	1.66	11	92	1	1	0.17	0.7	8	17	27	2.28	0.21	6	0.34	460	1	0.02	11	793	14	1	1	0.05	14	0.09	31	1	94
S	1200N 1150E	0.1	1.34	11	45	1	1	0.10	0.1	7	17	28	1.98	0.16	8	0.34	168	2	0.02	11	338	10	1	1	0.04	9	0.07	25	1	52
S	1200N 1200E	0.1	1.59	5	71	1	1	0.09	1.0	9	15	21	2.21	0.17	6	0.32	218	1	0.03	15	563	13	1	1	0.04	8	0.10	26	1	73
S	1200N 1250E	0.1	2.33	11	92	1	1	0.12	1.0	10	9	18	2.11	0.10	6	0.24	237	1	0.03	13	959	12	1	1	0.05	10	0.11	29	6	86
S	1200N 1300E	0.1	2.61	13	190	1	1	0.14	1.3	11	11	19	1.92	0.12	8	0.19	1064	1	0.04	12	2915	13	1	1	0.06	19	0.12	25	4	96
S	1200N 1350E	0.1	3.80	10	124	1	1	0.09	0.1	16	10	37	2.38	0.10	7	0.27	271	1	0.04	16	1281	12	1	1	0.06	11	0.15	34	5	82
S	1200N 1400E	0.1	2.43	30	108	1	1	0.09	0.6	12	9	17	2.01	0.10	5	0.17	505	1	0.03	16	974	19	1	1	0.06	9	0.12	30	10	110
S	1200N 1450E	0.2	2.49	36	131	1	1	0.10	1.2	11	11	31	3.59	0.19	14	0.32	750	2	0.03	20	1045	17	1	1	0.05	14	0.13	29	16	131
S	1200N 1500E	0.1	2.11	31	91	1	1	0.11	0.7	15	14	37	2.74	0.14	15	0.40	303	3	0.03	20	803	18	1	1	0.05	11	0.10	27	1	102
S	1400N 000E	0.1	1.41	1	66	1	4	0.11	0.9	3	19	17	1.89	0.14	10	0.34	169	2	0.02	9	183	13	1	1	0.05	11	0.10	30	7	47
S	1400N 050E	0.1	1.64	1	65	1	1	0.09	0.5	6	21	18	1.60	0.10	10	0.28	189	2	0.03	9	386	16	1	1	0.04	9	0.11	28	5	40
S	1400N 100E	0.1	1.88	23	103	1	1	0.11	0.7	3	29	22	2.44	0.11	12	0.21	93	4	0.02	12	409	17	2	1	0.06	20	0.10	36	3	52
S	1400N 150E	0.1	0.98	3	25	1	5	0.04	0.6	3	16	14	1.66	0.12	7	0.20	66	1	0.02	6	262	16	1	1	0.04	4	0.09	24	5	33
S	1400N 200E	0.1	0.70	6	37	1	1	0.07	0.1	1	9	11	0.93	0.06	6	0.10	100	1	0.02	3	324	7	1	1	0.05	5	0.09	25	16	25
S	1400N 250E	0.1	2.53	7	47	1	1	0.07	0.1	7	22	26	2.34	0.09	7	0.22	256	2	0.03	9	1138	12	1	1	0.05	4	0.11	36	2	76
S	1400N 300E	0.2	1.11	9	89	1	8	1.07	1.0	11	12	28	0.97	0.08	25	0.28	1509	2	0.03	8	1058	54	1	1	0.05	92	0.03	17	1	33
S	1400N 350E	0.1	1.83	9	75	1	1	0.12	0.7	6	18	26	2.55	0.13	11	0.31	179	1	0.03	11	412	17	1	1	0.05	12	0.16	41	7	69
S	1400N 400E	0.1	1.39	1	73	1	1	0.10	1.0	4	9	21	2.38	0.07	10	0.10	291	1	0.03	4	401	15	1	1	0.05	9	0.17	40	1	46
S	1400N 450E	0.1	1.67	51	63	1	4	0.15	1.0	13	24	37	2.83	0.27	17	0.47	654	1	0.02	18	542	23	2	1	0.05	13	0.09	25	4	119
S	1400N 500E	0.1	0.89	6	40	1	1	0.12	0.1	4	11	17	1.10	0.09	16	0.21	438	2	0.02	5	207	10	1	1	0.04	10	0.07	18	1	34
S	1400N 550E	0.1	1.98	17	58	1	1	0.13	1.5	10	31	24	2.40	0.20	11	0.42	359	1	0.02	21	486	24	1	1	0.04	11	0.12	30	1	65
S	1400N 650E	0.1	1.11	10	47	1	1	0.07	0.6	3	14	15	2.09	0.09	8	0.16	150	1	0.02	4	420	13	1	1	0.05	6	0.08	26	1	49
S	1400N 700E	0.1	0.75	3	23	1	1	0.06	0.8	3	18	19	1.50	0.12	10	0.18	76	4	0.02	6	326	9	1	1	0.04	5	0.07	27	1	28
S	1400N 750E	0.1	1.18	9	26	1	1	0.06	0.6	4	24	23	2.32	0.15	11	0.29	103	2	0.02	11	266	15	1	1	0.04	4	0.08	26	1	40
S	1400N 800E	0.1	1.64	11	30	1	1	0.11	0.1	6	24	21	2.06	0.12	7	0.26	130	4	0.02	11	245	16	1	1	0.04	6	0.10	35	7	175
S	1400N 850E	0.1	2.76	16	76	1	1	0.10	0.8	10	9	22	2.04	0.09	4	0.14	480	3	0.03	13	781	21	5	1	0.05	13	0.15	29	1	173
S	1400N 900E	0.1	1.98	9	53	1	1	0.07	0.8	9	16	21	1.95	0.11	4	0.23	241	3	0.02	14	477	19	1	1	0.05	7	0.11	29	1	121
S	1400N 950E	0.1	3.06	22	174	1	8	0.19	0.8	15	9	27	4.98	0.52	14	0.58	433	4	0.02	11	1324	29	1	1	0.04	10	0.22	33	3	106
S	1400N 1000E	0.1	2.08	19	105	1	1	0.09	0.5	8	13	18	2.67	0.14	7	0.29	793	3	0.03	10	777	14	1	1	0.05	10	0.12	31	1	82
S	1400N 1050E	0.1	2.66	13	126	1	1	0.11	0.1	10	12	24	2.52	0.12	8	0.22	377	1	0.03	14	1143	15	1	1	0.05	15	0.15	31	4	95
S	1400N 1100E	0.1	1.97	8	94	1	1	0.09	0.1	10	15	23	2.27	0.12	7	0.27	359	2	0.03	12	432	11	1	1	0.04	14	0.11	30	1	60
S	1400N 1150E	0.1	2.01	10	67	1	1	0.06	0.6	8	15	21	2.14	0.10	5	0.22	314	2	0.03	9	708	14	1	1	0.05	6	0.09	29	1	62
S	1400N 1200E	0.1	1.59	18	56	1	1	0.06	0.6	7	17	29	2.49	0.17	14	0.39	186	3	0.02	11	368	12	1	1	0.04	6	0.09	24	1	55
S	1400N 1250E	0.1	2.82	1	108	1	1	0.07	0.1	19	9	20	2.20	0.08	5	0.15	516	2	0.03	14	957	17	1	1	0.05	10	0.14	31	7	119
S	1400N 1300E	0.1	2.08	11	69	1	1	0.07	0.1	10	15	22	2.44	0.10	10	0.31	219	3	0.02	11	642	21	1	1	0.06	7	0.10	32	1	72
S	1400N 1350E	0.1	1.08	7	46	1	1	0.05	0.1	5	7	13	1.27	0.07	2	0.12	421	1	0.02	5	1013	11	1	1	0.05	4	0.05	19	1	51
S	1400N 1400E	0.1	2.32	3	109	1	5	0.08	0.6	11	12	21	2.08	0.11	13	0.27	491	3	0.03	11	755	17	3	1	0.05	9	0.10	27	1	70
S	1400N 1450E	0.1	1.63	14	66	1	1	0.08	0.5	8	16	19	2.61	0.12	12	0.32	213	2	0.02	11	819	19	1	1	0.05	7	0.08	32	1	79
S	1400N 1500E	0.1	1.39	10	63	1	1	0.07	0.6	8	13	16	1.92	0.09	8	0.25	273	4	0.02	8	590	14	1	1	0.05	5	0.08	27	1	48

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
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Ph:(604)299-6910 Fax:299-6252

To : Quest International Resource Corp.
PO BOX 728
CRANBROOK, B.C. V1C 4J5

Project: Horn
Type of Analysis: ICP

Certificate: 97105
Invoice: 50844
Date Entered: 97-08-07
File Name: RAM97105
Page No.: 7

PREFIX	SAMPLE NAME	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Sr	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	1600N 000E	0.1	2.32	6	74	1	1	0.06	0.6	7	17	34	2.30	0.14	8	0.33	261	3	0.02	12	632	17	2	1	0.05	5	0.13	31	1	67
S	1600N 050E	0.1	2.31	14	46	1	1	0.07	0.1	9	21	24	2.53	0.14	6	0.31	158	3	0.02	11	676	11	1	1	0.05	4	0.11	39	1	62
S	1600N 100E	0.1	1.14	1	34	1	1	0.04	0.6	3	13	16	2.08	0.15	12	0.24	94	2	0.02	5	495	10	1	1	0.05	4	0.10	34	1	50
S	1600N 150E	0.1	1.51	1	37	1	1	0.03	0.1	3	11	16	1.79	0.10	12	0.16	109	1	0.02	4	831	11	1	1	0.05	3	0.10	29	1	50
S	1600N 200E	0.1	2.10	29	38	1	1	0.10	0.1	7	31	26	2.87	0.12	10	0.44	144	1	0.02	14	792	14	2	1	0.05	9	0.13	45	5	80
S	1600N 250E	0.1	2.52	1	52	1	3	0.15	0.7	6	18	25	2.26	0.10	8	0.29	214	1	0.03	9	1883	13	1	1	0.06	12	0.12	34	1	87
S	1600N 300E	0.1	1.70	1	74	1	1	0.08	0.6	5	10	24	1.50	0.08	6	0.14	192	2	0.03	7	610	9	1	1	0.06	8	0.11	28	11	78
S	1600N 350E	0.1	2.12	1	91	1	1	0.10	0.8	8	8	23	1.61	0.07	10	0.11	1066	2	0.03	6	1132	8	1	1	0.05	11	0.13	29	1	85
S	1600N 400E	0.1	2.73	7	67	1	1	0.06	0.1	8	6	23	1.56	0.06	3	0.08	986	3	0.03	7	2289	12	1	1	0.05	7	0.13	26	1	88
S	1600N 450E	0.1	1.05	5	59	1	1	0.06	0.1	1	15	16	1.27	0.07	4	0.14	301	2	0.02	5	373	8	1	1	0.05	6	0.09	29	3	33
S	1600N 500E	0.1	2.92	16	126	1	1	0.15	0.6	9	10	19	1.97	0.08	6	0.14	994	2	0.03	7	2778	16	1	1	0.05	17	0.15	28	1	154
S	1600N 550E	0.1	1.86	120	65	1	3	0.16	0.7	12	34	33	2.15	0.13	9	0.48	472	4	0.02	17	258	14	1	1	0.05	11	0.09	32	1	61
S	1600N 600E	0.1	1.90	19	61	1	6	0.07	0.8	9	18	26	2.28	0.18	11	0.35	145	3	0.02	15	1254	10	1	1	0.05	8	0.11	30	4	262
S	1600N 650E	0.1	3.97	7	44	1	1	0.06	0.1	12	6	47	2.01	0.06	8	0.08	269	1	0.03	8	1848	20	1	1	0.04	8	0.15	28	1	86
S	1600N 700E	0.1	2.83	39	227	1	7	0.22	1.7	68	8	145	6.21	0.14	17	0.47	2968	5	0.03	34	1193	81	10	1	0.05	21	0.16	95	1	432
S	1600N 750E	0.1	3.49	51	94	1	4	0.13	1.2	39	22	72	3.28	0.14	17	0.53	547	3	0.02	40	835	116	1	1	0.05	11	0.16	38	12	174
S	1600N 800E	0.1	2.65	50	160	1	1	0.14	0.7	13	13	47	4.83	0.15	12	0.31	1016	4	0.03	20	1051	27	2	1	0.06	16	0.15	38	3	135
S	1600N 850E	0.1	2.99	62	105	1	1	0.07	0.1	8	17	46	5.94	0.13	16	0.32	276	2	0.02	17	912	21	5	1	0.05	10	0.16	37	1	106
S	1600N 900E	0.1	2.31	45	70	1	1	0.07	0.6	8	15	31	4.04	0.12	12	0.26	176	3	0.02	12	806	22	1	1	0.05	6	0.13	40	2	89
S	1600N 950E	0.1	2.01	140	54	1	1	0.04	0.8	11	21	41	4.21	0.19	14	0.39	180	3	0.02	18	615	18	1	1	0.05	5	0.11	33	1	66
S	1600N 1000E	0.1	1.76	41	75	1	1	0.05	0.7	13	20	22	2.66	0.13	10	0.27	352	3	0.02	10	414	14	1	1	0.05	6	0.11	33	1	99
S	1600N 1050E	0.1	2.38	47	133	1	1	0.08	0.1	12	13	26	2.27	0.09	9	0.13	508	4	0.03	9	783	15	1	1	0.04	11	0.15	33	4	120
S	1600N 1100E	0.1	1.97	19	44	1	1	0.03	0.1	6	15	21	2.37	0.10	10	0.19	130	4	0.02	8	454	12	1	1	0.05	4	0.08	26	1	73
S	1600N 1150E	0.1	2.15	24	42	1	1	0.04	0.5	7	19	23	2.29	0.10	15	0.23	190	3	0.02	9	669	11	1	1	0.04	5	0.09	28	21	63
S	1600N 1200E	0.1	2.35	24	56	1	1	0.07	0.1	7	17	16	2.33	0.09	8	0.15	162	4	0.02	8	831	15	1	1	0.05	6	0.11	31	8	81
S	1600N 1250E	0.1	5.71	22	58	1	1	0.06	0.1	11	9	29	2.30	0.06	9	0.13	143	3	0.03	11	1268	19	5	1	0.04	8	0.17	29	2	53
S	1600N 1300E	0.1	1.37	4	42	1	1	0.10	0.1	8	23	34	1.96	0.12	14	0.39	153	2	0.02	13	443	12	1	1	0.04	7	0.08	28	1	45
S	1600N 1350E	0.1	1.28	15	44	1	1	0.13	0.7	8	17	26	1.95	0.11	14	0.26	401	2	0.02	12	460	15	2	1	0.05	8	0.07	29	1	83
S	1600N 1400E	0.1	2.42	24	56	1	1	0.07	0.1	10	19	29	2.28	0.11	14	0.25	244	3	0.02	13	921	16	1	1	0.05	6	0.12	33	4	81
S	1600N 1450E	0.1	1.48	20	50	1	1	0.16	1.1	9	20	29	2.09	0.11	18	0.34	428	2	0.02	12	540	13	1	1	0.04	9	0.08	24	1	62
S	1600N 1500E	0.1	1.60	26	56	1	1	0.14	0.8	11	24	39	2.23	0.11	20	0.38	318	2	0.02	18	437	23	1	1	0.04	8	0.08	28	7	109
S	1800N 000E	0.1	3.46	11	60	1	1	0.06	1.4	10	10	34	2.08	0.09	9	0.17	186	2	0.03	12	724	13	1	1	0.04	6	0.16	33	9	67
S	1800N 050E	0.1	1.59	10	78	1	1	0.04	0.9	6	22	24	2.35	0.38	17	0.52	272	1	0.02	11	304	9	1	1	0.04	5	0.12	28	7	82
S	1800N 100E	0.1	2.24	13	92	1	3	0.06	0.8	9	19	25	2.68	0.20	14	0.39	389	1	0.03	16	913	15	1	1	0.05	6	0.13	36	1	124
S	1800N 150E	0.1	1.39	20	111	1	1	0.10	0.9	7	14	18	2.27	0.19	13	0.28	469	1	0.02	10	377	19	1	1	0.05	13	0.11	33	1	116
S	1800N 250E	0.1	1.85	182	68	1	1	0.06	0.8	9	12	25	3.11	0.15	18	0.30	209	2	0.02	17	463	42	1	1	0.05	8	0.11	31	1	241
S	1800N 300E	0.1	2.76	27	104	1	1	0.12	0.1	5	6	18	2.32	0.08	6	0.12	447	2	0.03	7	3909	24	1	1	0.05	15	0.17	30	1	151
S	1800N 350E	0.1	3.48	28	77	1	1	0.09	0.1	17	57	30	2.97	0.09	9	0.63	961	2	0.03	32	1533	15	1	1	0.05	10	0.15	49	1	94
S	1800N 400E	0.1	3.95	45	70	1	1	0.20	0.7	13	16	46	2.53	0.09	11	0.32	367	2	0.03	30	2340	20	1	1	0.04	17	0.15	32	12	126
S	1800N 450E	0.1	2.41	47	113	1	1	0.08	0.1	11	22	23	2.83	0.11	13	0.34	350	3	0.03	21	683	38	1	1	0.04	10	0.13	41	1	183

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CERTIFICATE OF ANALYSIS

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To : Quest International Resource Corp.
PO BOX 728
CRANBROOK, B.C. V1C 4J5

Project: Horn
Type of Analysis: ICP

Certificate: 97105
Invoice: 50844
Date Entered: 97-08-07
File Name: RAM97105
Page No.: 8

PRE FIX	SAMPLE NAME	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	1800N 500E	0.1	3.33	19	147	1	3	0.23	1.2	13	10	26	2.25	0.09	10	0.15	1915	1	0.04	28	1139	29	1	1	0.04	23	0.17	38	1	189
S	1800N 550E	0.1	2.92	8	116	1	1	0.08	1.6	11	9	20	2.29	0.10	6	0.19	672	2	0.03	14	867	36	1	1	0.05	10	0.16	35	3	326
S	1800N 600E	0.1	2.32	7	101	1	6	0.06	0.1	10	10	17	2.07	0.08	8	0.17	251	2	0.03	11	831	33	3	1	0.04	9	0.13	33	10	178
S	1800N 650E	0.1	2.62	9	126	1	1	0.07	1.1	10	13	24	2.33	0.10	11	0.26	302	3	0.03	12	1231	36	1	1	0.04	9	0.13	34	7	181
S	1800N 700E	0.1	3.34	12	85	1	1	0.09	0.9	13	10	23	2.10	0.07	6	0.14	735	3	0.03	10	925	30	3	1	0.04	10	0.15	34	3	120
S	1800N 750E	0.1	1.59	17	56	1	5	0.09	1.3	13	27	46	2.64	0.24	14	0.59	233	2	0.02	16	341	33	1	1	0.04	6	0.13	36	5	63
S	1800N 800E	0.1	1.24	15	42	1	1	0.08	0.8	13	14	20	2.19	0.10	9	0.21	199	2	0.02	10	376	20	1	1	0.04	4	0.11	41	3	88
S	1800N 850E	0.1	2.71	5	70	1	1	0.11	0.1	14	14	33	2.69	0.11	14	0.23	216	4	0.03	16	607	19	1	1	0.05	8	0.16	37	8	81
S	1800N 900E	0.1	1.88	21	42	1	1	0.08	0.8	12	19	41	2.51	0.12	11	0.37	249	2	0.02	15	742	19	1	1	0.04	6	0.09	35	1	88
S	1800N 950E	0.1	1.99	25	68	1	1	0.09	0.7	11	15	41	2.44	0.09	12	0.31	385	2	0.03	18	1019	26	1	1	0.05	7	0.11	36	1	116
S	1800N 1000E	0.1	3.32	18	93	1	1	0.13	1.1	12	9	34	2.02	0.09	12	0.17	505	2	0.03	15	1703	16	1	1	0.04	15	0.15	29	21	113
S	1800N 1150E	0.1	2.95	16	200	1	1	0.19	0.1	14	6	29	1.59	0.10	12	0.17	679	3	0.04	25	1813	16	1	1	0.04	31	0.15	24	4	130
S	1800N 1200E	0.1	2.50	22	195	2	1	0.22	0.9	24	11	49	4.00	0.20	17	0.33	906	2	0.03	17	1592	25	3	1	0.05	27	0.15	32	4	156
S	1800N 1250E	0.1	2.30	39	152	2	4	0.14	1.1	20	11	87	6.75	0.15	20	0.35	924	4	0.03	14	2315	24	1	1	0.05	19	0.17	37	8	96
S	1800N 1350E	0.1	2.74	38	269	1	3	0.41	1.5	40	18	77	3.29	0.24	11	0.43	1659	3	0.03	42	2723	21	1	1	0.05	41	0.14	49	1	128
S	1800N 1400E	0.1	1.74	15	86	1	5	0.26	0.9	21	16	62	3.26	0.17	15	0.56	379	3	0.03	22	1092	13	3	1	0.04	16	0.12	59	2	75
S	1800N 1450E	0.1	2.59	12	177	1	1	0.22	0.5	16	9	31	2.41	0.16	11	0.26	834	3	0.04	18	3939	21	1	1	0.04	23	0.14	34	4	97
S	1800N 1500E	0.1	2.30	27	124	1	3	0.14	0.7	14	8	24	2.55	0.13	14	0.21	557	3	0.03	12	2347	23	1	1	0.04	11	0.14	33	6	109
S	2000N 000E	0.1	2.53	3	55	1	5	0.05	1.3	8	18	30	2.16	0.11	11	0.30	223	3	0.02	12	791	15	1	1	0.04	5	0.12	31	1	75
S	2000N 050E	0.1	2.88	5	53	1	8	0.05	0.1	7	15	24	2.06	0.08	10	0.21	201	3	0.03	9	827	21	1	1	0.04	6	0.14	34	6	53
S	2000N 100E	0.1	0.97	13	49	1	1	0.06	0.6	4	16	13	1.22	0.11	14	0.16	191	3	0.02	9	303	13	1	1	0.04	5	0.07	23	1	38
S	2000N 150E	0.1	2.92	59	44	1	1	0.04	1.2	9	12	22	2.06	0.07	12	0.16	405	3	0.02	12	632	17	3	1	0.04	4	0.11	25	1	67
S	2000N 200E	0.1	1.99	7	47	1	1	0.05	0.1	5	12	15	1.59	0.07	8	0.11	153	3	0.03	8	380	14	1	1	0.05	4	0.11	32	1	80
S	2000N 300E	0.1	1.64	4	59	1	1	0.06	0.1	7	20	20	2.00	0.08	11	0.23	347	2	0.02	9	999	15	1	1	0.05	5	0.10	38	2	79
S	2000N 350E	0.1	3.98	10	75	1	1	0.05	0.7	7	7	21	1.86	0.06	4	0.10	769	2	0.03	7	1268	15	1	1	0.04	6	0.16	31	1	62
S	2000N 400E	0.1	3.87	15	78	1	1	0.08	1.0	7	20	28	2.12	0.07	6	0.21	438	3	0.03	12	1225	18	4	1	0.04	9	0.15	33	5	73
S	2000N 450E	0.1	4.93	18	69	1	1	0.04	0.6	11	7	29	2.03	0.06	5	0.10	225	2	0.03	8	2159	14	1	1	0.04	6	0.16	30	7	87
S	2000N 500E	0.1	2.47	18	70	1	1	0.08	0.9	11	22	26	2.48	0.07	11	0.27	244	1	0.03	17	624	13	2	1	0.05	6	0.10	43	11	71
S	2000N 550E	0.1	3.13	9	76	1	1	0.06	0.8	9	11	32	1.89	0.07	6	0.13	469	1	0.04	12	1432	13	1	1	0.04	8	0.14	32	3	78
S	2000N 600E	0.1	2.10	27	49	1	10	0.09	1.6	12	27	47	3.22	0.08	11	0.40	197	4	0.02	26	750	19	1	1	0.05	5	0.10	55	10	82
S	2000N 650E	0.1	1.70	28	53	1	1	0.11	1.2	14	35	70	2.91	0.09	15	0.61	236	3	0.02	31	538	18	1	1	0.04	6	0.06	43	4	65
S	2000N 750E	0.1	3.79	14	69	1	1	0.05	1.3	10	8	32	2.01	0.07	7	0.10	487	2	0.03	11	1962	16	1	1	0.04	7	0.14	31	1	89
S	2000N 800E	0.1	3.69	26	58	1	1	0.06	0.9	11	11	27	2.35	0.07	9	0.15	306	3	0.03	16	1521	23	1	1	0.04	6	0.13	37	11	84
S	2000N 850E	0.1	2.96	26	102	1	3	0.09	1.1	14	11	27	2.33	0.09	15	0.18	1773	3	0.03	17	2022	38	1	1	0.05	12	0.13	28	1	199
S	2000N 900E	0.1	3.12	39	113	1	1	0.10	1.8	44	14	34	3.33	0.15	16	0.33	596	5	0.03	45	961	61	3	1	0.05	13	0.16	36	10	579
S	2000N 950E	0.1	2.46	61	129	1	1	0.10	1.4	22	17	35	3.45	0.16	17	0.39	713	4	0.03	26	751	62	1	1	0.05	12	0.13	37	1	233
S	2000N 1000E	0.1	2.70	25	82	1	6	0.10	0.8	17	12	24	2.68	0.12	11	0.26	432	4	0.03	23	708	38	6	1	0.05	10	0.16	36	3	229
S	2000N 1050E	0.1	2.74	67	87	1	9	0.10	0.8	25	15	86	3.65	0.11	12	0.52	432	4	0.03	26	759	26	1	1	0.05	8	0.11	53	4	139
S	2000N 1150E	0.1	2.59	25	149	1	1	0.18	1.2	14	7	32	1.94	0.10	11	0.17	1239	2	0.04	19	1340	20	1	1	0.05	17	0.14	30	4	116
S	2000N 1200E	0.1	2.48	14	109	1	1	0.09	0.1	15	13	37	2.35	0.10	10	0.33	395	2	0.03	23	896	20	1	1	0.05	9	0.13	34	1	131

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

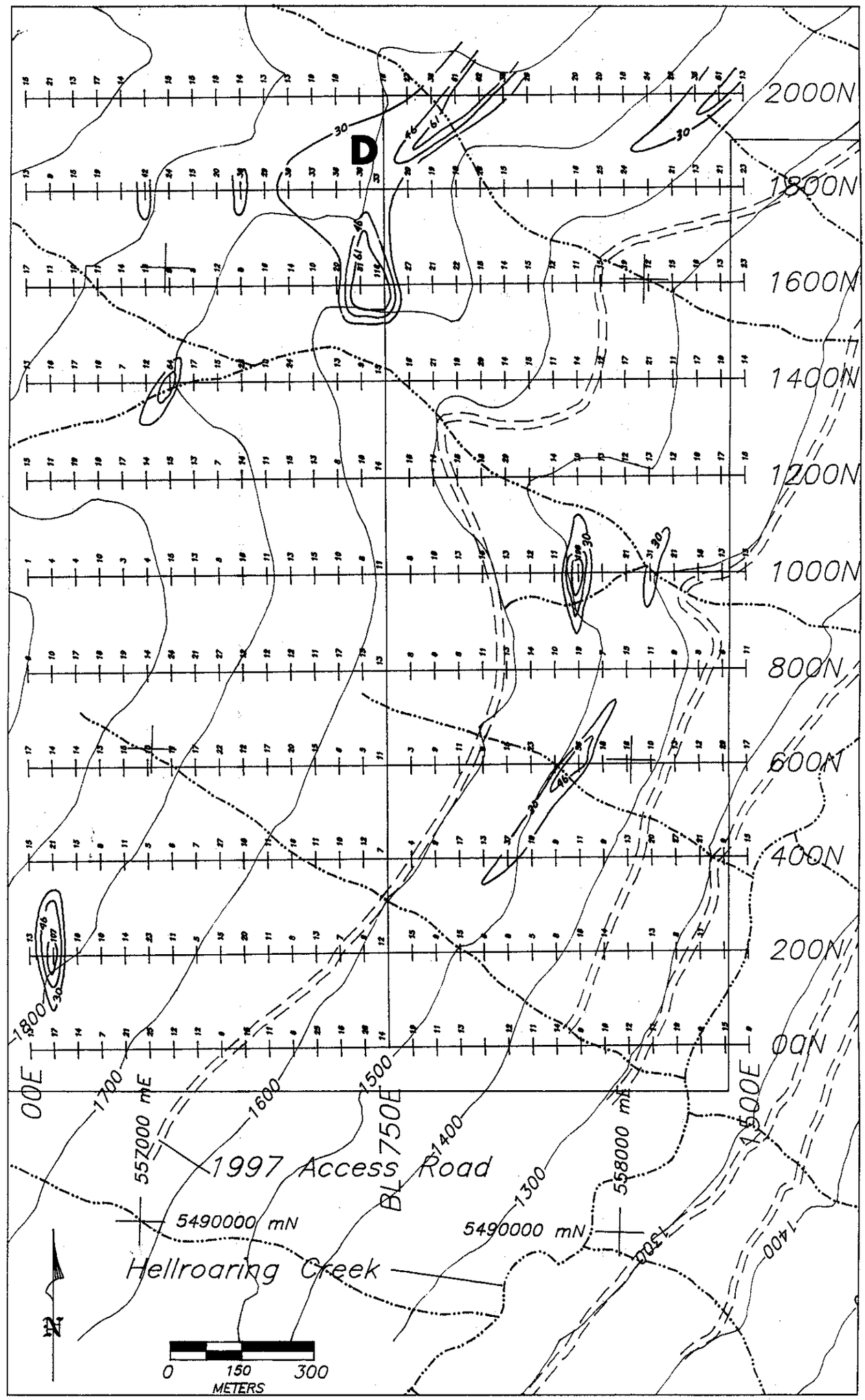
To : Quest International Resource Corp.
PO BOX 728
CRANBROOK, B.C. V1C 4J5

Project: Horn
Type of Analysis: ICP

Certificate: 97105
Invoice: 50844
Date Entered: 97-08-07
File Name: RAM97105
Page No.: 9

PRE FIX	SAMPLE NAME	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	2000N 1250E	0.1	3.82	18	93	1	4	0.22	0.7	12	6	26	1.87	0.08	8	0.12	1326	3	0.04	18	1745	18	1	1	0.03	19	0.18	29	1	118
S	2000N 1300E	0.1	4.23	13	74	1	1	0.06	1.1	12	6	22	2.01	0.08	7	0.13	762	4	0.03	18	1750	24	4	1	0.03	7	0.17	30	1	131
S	2000N 1350E	0.1	3.52	16	110	1	4	0.10	1.4	13	14	33	2.81	0.10	9	0.25	209	2	0.03	54	904	35	1	1	0.05	10	0.15	35	1	186
S	2000N 1400E	0.1	3.21	44	124	1	8	0.35	1.3	34	33	63	3.35	0.17	12	0.58	1036	3	0.03	57	1133	51	3	1	0.05	23	0.12	50	2	164
S	2000N 1500E	0.1	1.45	15	113	1	1	0.17	0.9	15	12	22	1.36	0.13	8	0.17	472	2	0.04	19	1401	13	1	1	0.05	18	0.11	25	1	180

CERTIFIED BY :



PPM Pb

- 30 to 45
- 46 to 61
- Plus 61

HORN PROPERTY

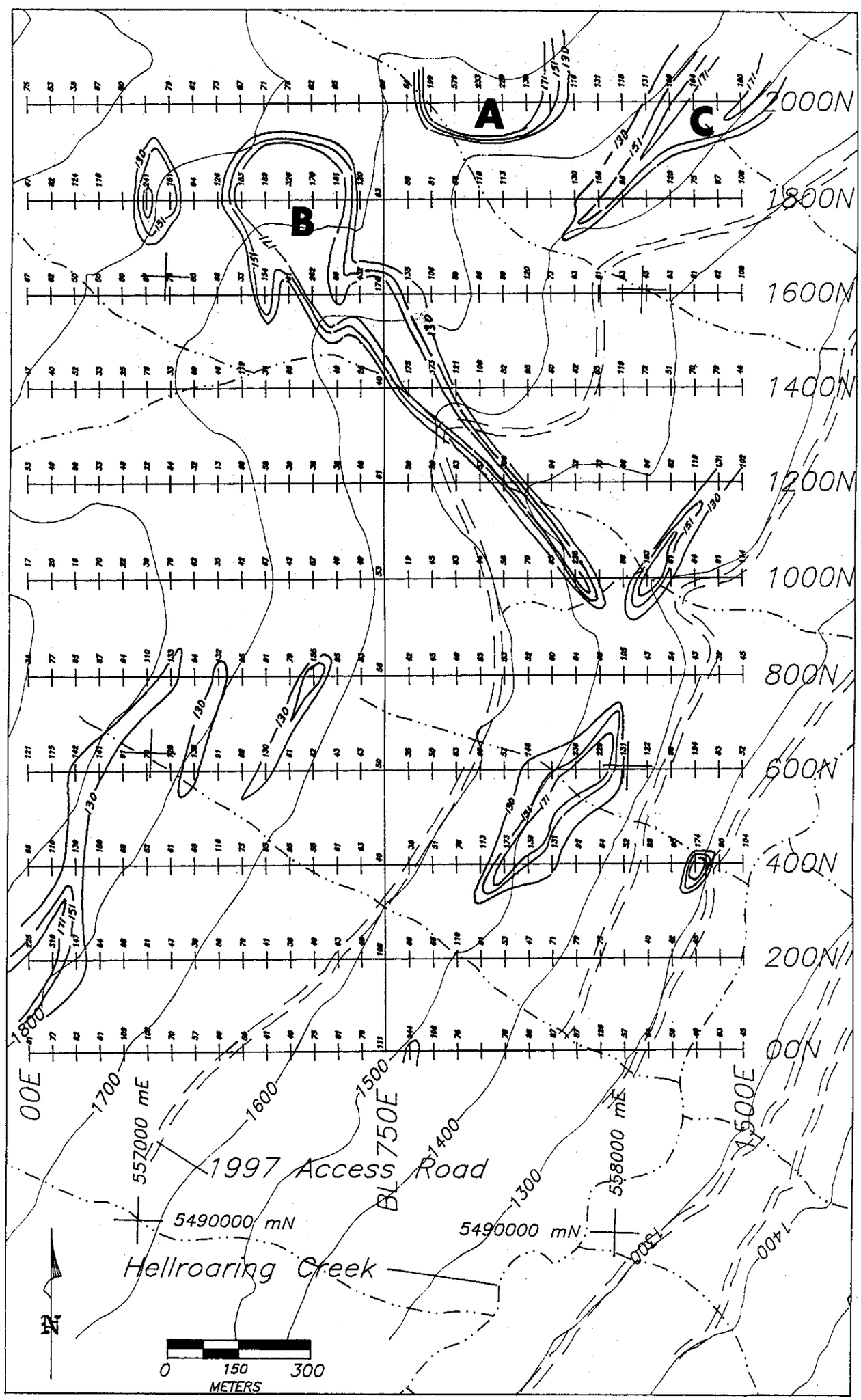
Soil Geochemistry
Lead (PPM)

Drawn By: Rene Pighin	Date: 08/12/1997
Map Reference:	Scale: 1:10000

XREFS: C:\HORN PROPERTY\HN10.dwg

CAD Filename: C:\HORN PROPERTY\HN1-8M2.DWG

FIGURE 1



PPM Zn

- 130 - 150
- 151 - 171
- Plus 171

HORN PROPERTY

Soil Geochemistry
Zinc (PPM)

Drawn By: Rene Pighin	Date: 08/12/1997
Map Reference:	Scale: 1:10000

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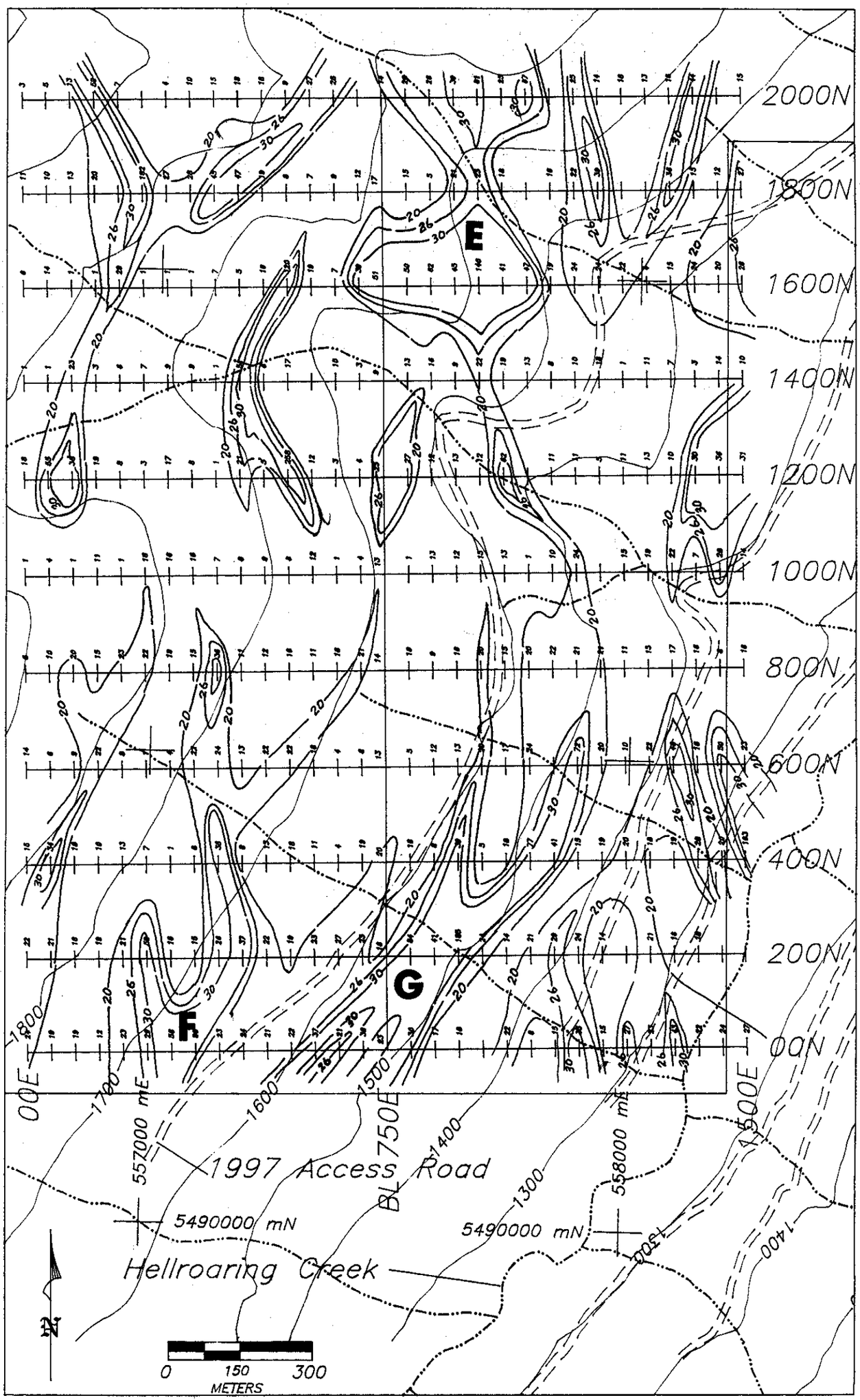
CAD Filename: C:\HORN PROPERTY\HN-BASE.DWG

FIGURE 2



PPM As

- 18 to 25
- 26 to 30
- Plus 30

HORN PROPERTY

Soil Geochemistry
Arsenic (PPM)

Drawn By: Rene Pighin	Date: 08/12/1997
Map Reference:	Scale: 1:10000

XREFS: C:\HORN PROPERTY\HN10.dwg

CAD Filename: C:\HORN PROPERTY\HN-BM2.DWG

FIGURE 3