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1993 GEOLOGICAL
REPORT
ON THE
MONSTER 1-40 CLAIMS

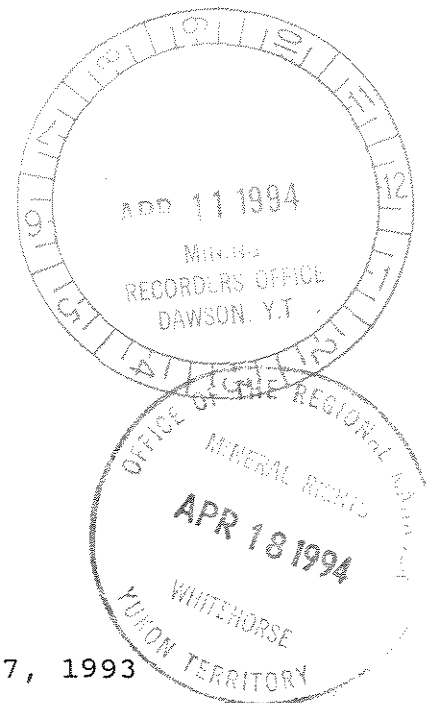
Located in the Ogilvie Mountains
Dawson Mining District
NTS 116B/13
64° 49' North Latitude
139° 50' West Longitude

-prepared for-
MONSTER JOINT VENTURE

-prepared by-
David A. Caulfield, P.Geo.

DATES OF WORK PERFORMED: July 14-17, 1993

DATE OF REPORT: January, 1994



1993 GEOLOGICAL REPORT ON THE MONSTER 1-40 CLAIMS

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1.0 INTRODUCTION

The Monster 1-40 claims ("Monster West property") are located in the southern Ogilvie Mountains, approximately 85 kilometres north-northwest of Dawson in west central Yukon (Figure 1). This part of the Ogilvie Mountains is cored by the Coal Creek Inlier (Lane, 1992), an oval-shaped and east-trending window of Middle and Late Proterozoic clastic and carbonate rocks that have been penetrated by mineralized breccias and cut by mafic sills and dykes. The geological setting of the southern Ogilvie Mountains is excellent for hosting Olympic Dam copper-uranium-gold-silver breccia type deposits and the Monster West property was acquired on this basis.

Geological mapping, prospecting and soil geochemical sampling were carried out over the Monster West property during July 1993. This work program was conducted jointly by Pamicon Developments Ltd. and Equity Engineering Ltd. for the Monster Joint Venture. The same companies have been retained to report on the fieldwork.

2.0 LIST OF CLAIMS

The Monster West property comprises 40 contiguous quartz mineral claims, located in the Dawson Mining District (Figure 2). Government records indicate that the following claims are owned equally by Equity Engineering Ltd. and Pamicon Developments Ltd. of Vancouver, British Columbia. Separate documents indicate that they are held under option by the Monster Joint Venture.

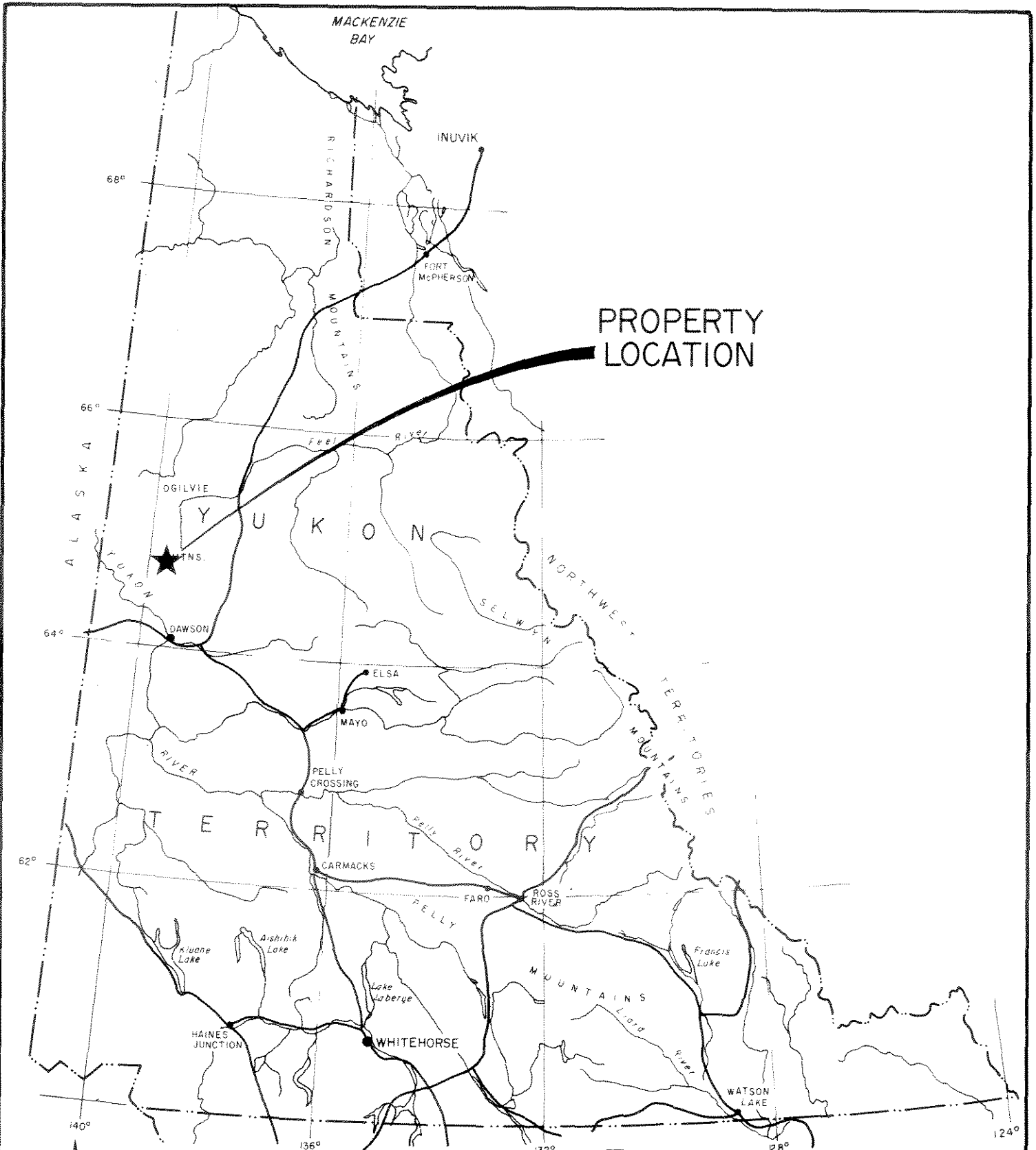
TABLE 2.0.1
CLAIM DATA

Claim Name	Record Numbers	Record Date	Expiry Date
Monster 1-40	YB42067-42106	June 8, 1993	Dec. 31, 1997*
* Subject to approval of assessment work covered by this report.			

3.0 LOCATION, ACCESS AND PHYSIOGRAPHY

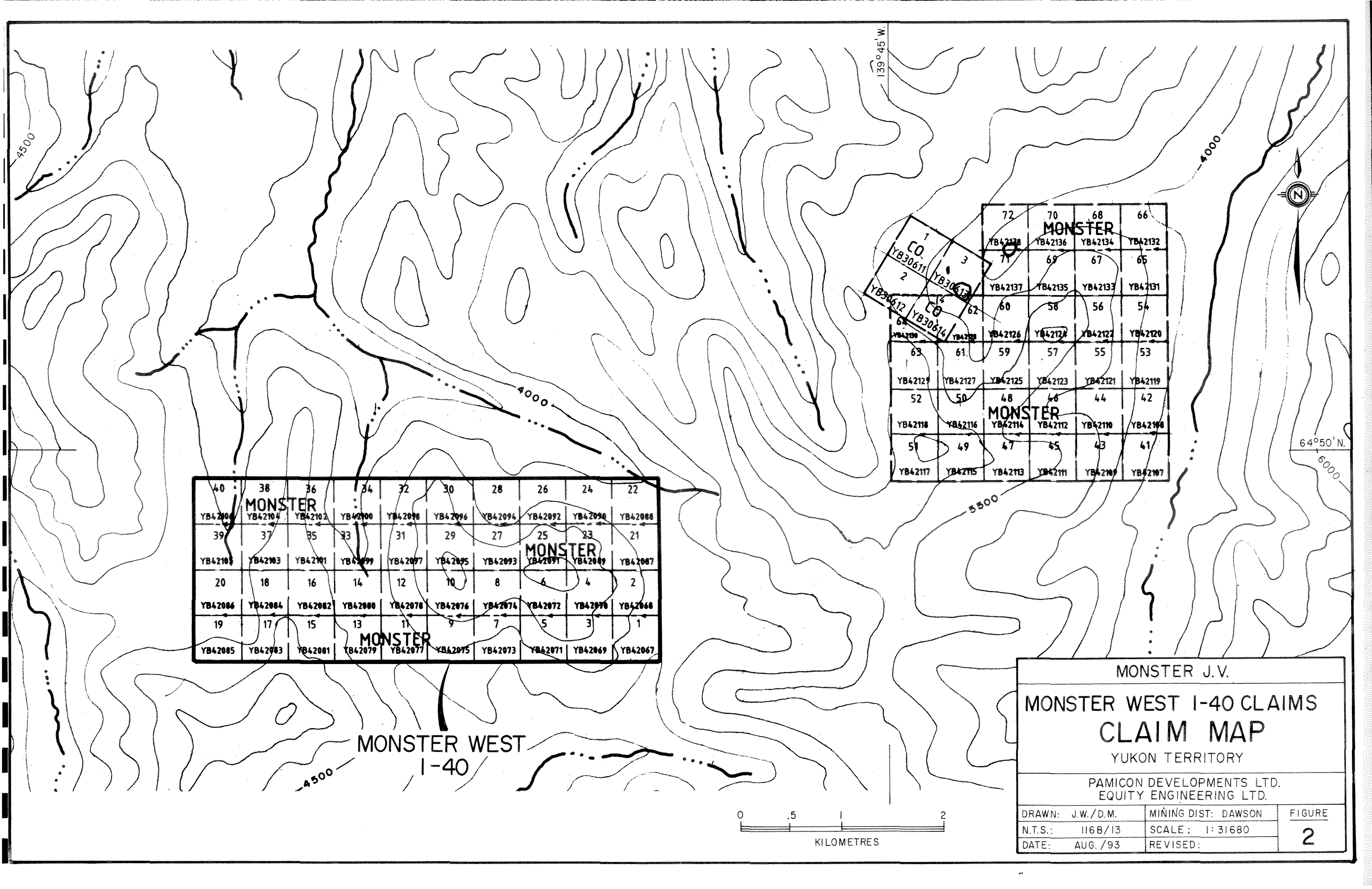
The Monster West property is located in the southern Ogilvie Mountains of west central Yukon, approximately 85 kilometres north-northwest of Dawson (Figure 1). The property is located at the headwaters of Coal Creek which enters the Yukon River 65 kilometres northwest of Dawson. The claims are situated in the Dawson Mining District, centered at 64° 49' north latitude and 139° 50' west longitude.

The Monster West property may be accessed by fixed wing aircraft from Dawson to an outfitter's gravel air strip on the south side of the Monster River (64° 55.7'N., 139° 52.3'W.). The



PROPERTY
LOCATION

MONSTER J.V.		
MONSTER WEST I-40 LOCATION MAP		
YUKON TERRITORY		
— PAMICON DEVELOPMENTS LTD. — — EQUITY ENGINEERING LTD. —		
DRAWN: J.W./D.M.	MINING DIST.: DAWSON	FIGURE 1
N.T.S.: 116 B / 13	SCALE: 1:500,000	
DATE: AUGUST, 1993	REVISED:	

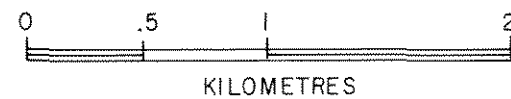


40	38	36	34	32	30	28	26	24	22
YB42104	YB42104	YB42102	YB42100	YB42098	YB42096	YB42094	YB42092	YB42090	YB42088
39	37	35	33	31	29	27	25	23	21
YB42103	YB42103	YB42101	YB42099	YB42097	YB42095	YB42093	YB42091	YB42089	YB42087
20	18	16	14	12	10	8	6	4	2
YB42086	YB42084	YB42082	YB42080	YB42078	YB42076	YB42074	YB42072	YB42070	YB42068
19	17	15	13	11	9	7	5	3	1
YB42085	YB42083	YB42081	YB42079	YB42077	YB42075	YB42073	YB42071	YB42069	YB42067

72	70	68	66
YB42138	YB42136	YB42134	YB42132
71	69	67	65
YB42137	YB42135	YB42133	YB42131
64	62	60	58
YB42128	YB42126	YB42124	YB42122
63	61	59	57
YB42129	YB42127	YB42125	YB42123
52	50	48	46
YB42118	YB42116	YB42114	YB42112
51	49	47	45
YB42117	YB42115	YB42113	YB42111
			43
			YB42109
			41
			YB42107

MONSTER WEST
I-40

MONSTER J.V.		
MONSTER WEST I-40 CLAIMS CLAIM MAP		
YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN: J.W./D.M.	MINING DIST: DAWSON	FIGURE
N.T.S.: 116B/13	SCALE: 1:31680	2
DATE: AUG./93	REVISED:	



strip is approximately 600 metres (1,980') in length at an elevation of 790 metres ASL (2,600'). From this strip, personnel and supplies would be shuttled by helicopter to the property located approximately 12 kilometres to the south. Dawson has scheduled air service from Whitehorse. During the 1993 field program, a fly camp was established in the north facing bowl in the north central part of the claim group. Future road access to the property would come northwest from Dawson or west, some 75 kilometres from the Dempster Highway (#11).

The area lies in the western portion of the southern Ogilvie Mountains 50 kilometres north of the Tintina Trench. This region was unaffected by continental glaciation during the Pleistocene (Lane, 1990) resulting in rounded mountainous terrain. Elevations on the Monster West property range from 1,090 metres (3,575') in the creek valley to over 1,970 metres (5,800') on an unnamed peak in the eastern part of the property. The entire area is above tree line covered by alpine grasses and shrubs. Thick stands of spruce are found only in the major river valleys.

4.0 REGIONAL AND AREA MINING HISTORY

4.1 Previous Work

The most concentrated exploration work in the area was carried out in the mid to late 70's by Hudson Bay, Dynasty, Cyprus Anvil and UMEX/Shell. That work was directed primarily at carbonate-hosted Pb-Zn targets in the Gillespie Lake Group. During that same period, UMEX/Shell conducted work on the breccia-hosted ID, DAS and Lala occurrences. The 1976 work by Umex consisted of mapping and soil geochemical surveys on both the Monster West (DAS claims) and East areas (ID claims). Results of the geochemical surveys were very encouraging, but the anomalies were never thoroughly followed up. There was no further exploration recorded in the area until the recent staking of the Monster claims and the staking by Placer Dome and Major General of the Lala occurrence some 23 km to the east.

4.2 1993 Exploration Program

During July 1993, a preliminary exploration program was carried out on the Monster West property, consisting of geological mapping, prospecting and soil geochemistry. The program was designed to determine the potential for an Olympic Dam copper-uranium-gold-silver breccia type deposit. Geological mapping was carried out on a scale of 1:10,000 (Figure 4). A total of 57 rock samples and 43 soil samples were taken (Figures 4, 5, 6). All rock samples are described in Appendix D, and analytical certificates are attached in Appendix E. Rock samples were analyzed geochemically for gold and uranium and by ICP for 24 other

elements. Samples exceeding 10,000 ppm copper and cobalt were assayed. In the field, sample locations were marked by a metal tag and a combination of pink and blue flagging.

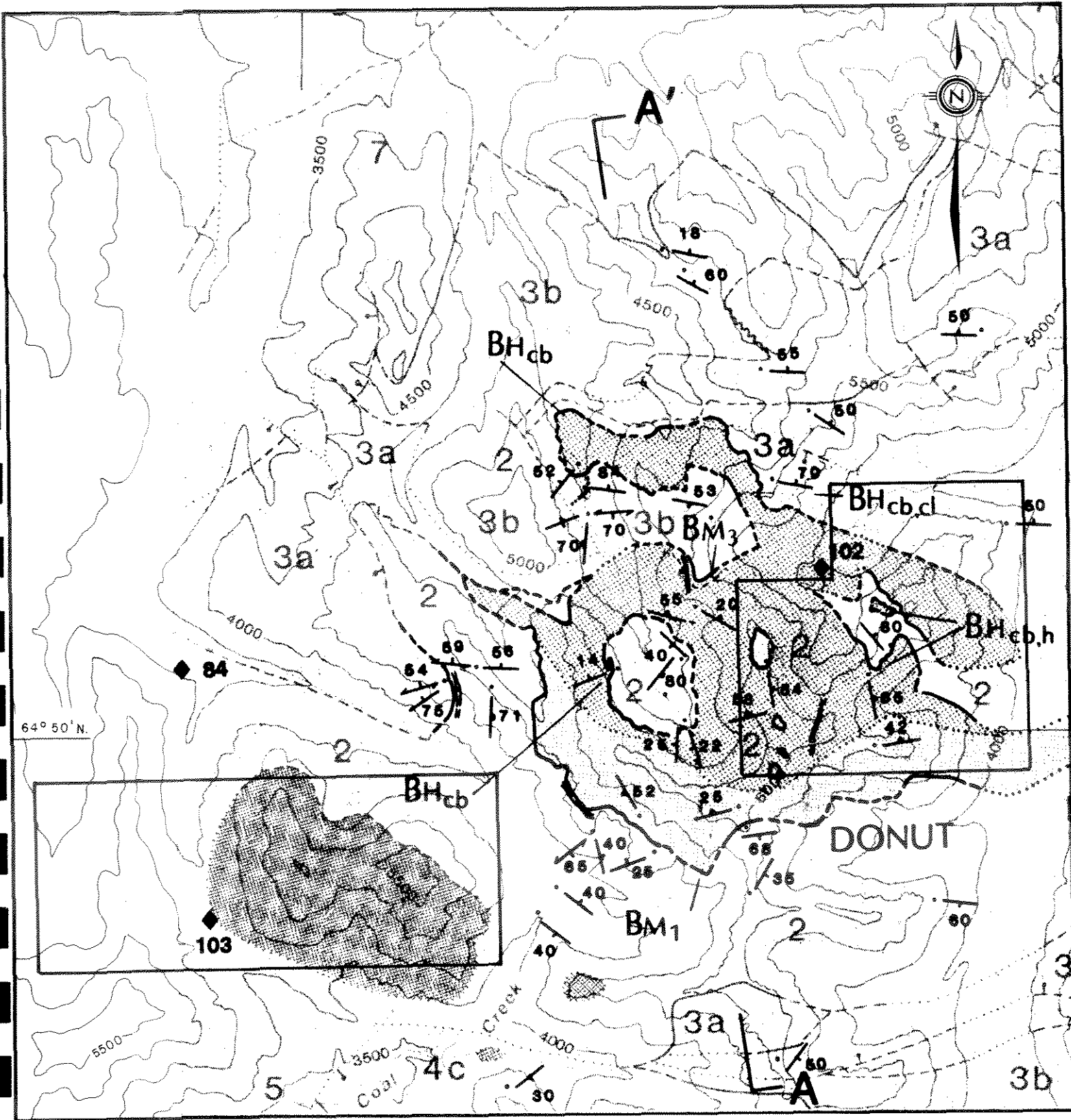
Soil samples were collected along two soil lines on the 4900' and 5200' contours (Figures 5 and 6). Soil samples were collected, where possible, from "B" horizon material at depths ranging from 10 to 40 cm and placed in numbered kraft envelopes. The sample site was marked in the field with plastic flagging and the sampler recorded notes pertaining to sample horizon, colour, texture, vegetation, and local physiography. Samples were partially dried in camp and then shipped to Chemex Labs of North Vancouver, B.C. for sample preparation and analysis. Analytical procedures and a complete set of results for gold and uranium and 24-elements by ICP geochemistry may be found in the appendices.

5.0 REGIONAL GEOLOGY

The Dawson 1:250,000 map sheet (116B) was reconnaissance mapped by the Geological Survey of Canada in 1961 by Roddick and Green (1962). More recently, the eastern half of the property was mapped at 1:50,000 by R. Lane as part of a graduate thesis (Lane, 1990) and later as a government map release (Lane and Godwin, 1992). The Geological Survey of Canada has re-mapped the Dawson map area at a scale of 1:50,000 and this work is scheduled for release soon.

The Middle Proterozoic stratigraphy of the Coal Creek Inlier has been correlated by Lane (1990) to that of the Wernecke Supergroup as defined by Delaney (1985) in the Wernecke Mountains, some 250 kilometres to the east. The Wernecke Supergroup is a thick succession of generally fine-grained terrigenous and carbonate rocks of Helikian age that have been penetrated by mineralized breccias and cut by mafic sills and dykes (Figure 3). The entire succession has been mapped by Lane (1990) in the Coal Creek Inlier. The Wernecke Supergroup has been divided into three groups (oldest to youngest): Fairchild Lake Group, Quartet Group and Gillespie Lake Group. The latter two groups occur in the Monster claims areas. To the north, Cambrian to Devonian carbonate and clastic units unconformably overlie the Wernecke Supergroup stratigraphy whereas the Late Proterozoic Fifteenmile Group sediments lie unconformably over it to the south.

The Quartet Group consists of a monotonous succession of fine-grained, interbedded sandstone to siltstone and black argillite (Lane, 1990). Minor limestone and chert pebble conglomerate were noted during the current program. The Gillespie Lake strata consists of a lower unit of orange-weathering dolostone and an upper limit unit of grey-weathering dolostone. Mafic, locally amygdaloidal, flows were mapped at the Quartet-Gillespie Lake contact.



Geology by : Lane and Godwin, 1992
 Legend on following page



139° 50' W

MONSTER J.V.		
MONSTER 1-72 CLAIMS		
REGIONAL GEOLOGY		
YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN:	J.W./D.M.	MINING DIST.: DAWSON
N.T.S.:	116 B/13	SCALE: 1:50,000
DATE:	AUG., 1993	REVISED:
		FIGURE
		3

LEGEND

(to accompany Figure 3)

STRATIFIED UNITS

EARLY CAMBRIAN TO DEVONIAN

7 Pale grey dolostone

MIDDLE TO LATE PROTEROZOIC

4,5 *Fifteenmile Group*:

5 dolomitic limestone and dolostone

4c mudstone, limestone and sandstone

EARLY TO MIDDLE PROTEROZOIC

WERNECKE SUPERGROUP

3 *Gillespie Lake Group*:

3a Buff-weathering dolostone

3b Orange-weathering dolostone

2 *Quartet Group*: sandstone, mudstone and argillite

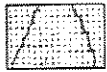
INTRUSIVES

PROTEROZOIC AND YOUNGER

Mafic dykes

OGILVIE MOUNTAIN BRECCIAS

PROTEROZOIC

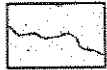


Heterolithic Breccia

BH_{cb} carbonate-rich matrix breccia

BH_h hematite-rich matrix breccia

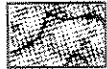
BH_{cl} chlorite-rich breccia



Homolithic Breccia

BM₁ Fairchild Lake Group fragments

BM₃ Gillespie Lake Group fragments



Unclassified Breccia

SYMBOLS

Geological contact (approximate)

Bedding (inclined, vertical)

Cleavage, foliation

Joint

Strata of the Wernecke Supergroup are cut by two east-west, fault-related belts of hematite breccias that are enriched in iron, copper, uranium, REE, cobalt and gold. Lane (1992) has subdivided the breccias into two main groups: homolithic (one clast type) and heterolithic (several clast types). Other breccia types including quartz-specularite breccia, intraformational breccia and rare pebble dykes were identified. Alteration minerals associated with the breccias are hematite (specular and earthy red varieties), carbonate, chlorite, silica and potassium feldspar. Fragments are normally subangular to subrounded and average 1 to 2 centimetres. Wernecke Supergroup strata are the dominant clast lithology with rare igneous, massive specular hematite and quartz vein fragments. The matrix of the breccia is comprised of the alteration minerals listed above and finely fragmented rock. The breccias mostly have steep discordant contacts although bodies following bedding have been mapped by Lane (1992). A number of outcrops at the Monster West suggest that the breccias were injected into soft, unconsolidated sediments. Maroon mudstone is associated with the breccia as interbeds, and as fragments and matrix of many breccias.

The Wernecke Supergroup and breccia bodies are cut by diorite and diabase. Conversely, fragments of the mafic intrusives are also found within the breccia indicating a close genetic relationship between the two. Lane (1990) reported a lead isotope date of 0.9 Ga from mineralization in a crosscutting dyke in a breccia penetrating lower Fifteenmile Group. This remains ambiguous, since Lane did not map dykes intruding Fifteenmile Group strata. These mafic units vary from a fine-grained, amygdaloidal form to medium-to coarse-grained equigranular varieties. Lane (1990) noted that the dykes are amygdaloidal where in contact with breccia bodies. Mapping of the Monster East and West properties indicates that some of these may in fact be flow units.

Proterozoic strata dip away in opposite directions on either side of the northern breccia belt, but bedding attitudes are much more contorted adjacent to the breccia bodies. The trend of the breccia belt follows the axial trace of an anticlinal structure and a steep zone of reverse faulting (Lane, 1990).

6.0 PROPERTY GEOLOGY AND MINERALIZATION

6.1 Property Geology

The Monster West property is underlain by Quartet (Pq) and Gillespie Lake (Pg) group sediments that have been intruded by Proterozoic hematite breccias and associated gabbro-diorite intrusives. The core of the property is geologically very complex with extremely folded and faulted sediments and volcanic flows crosscut by numerous intrusive bodies and hematite breccias (Figure 4).

The main sedimentary units are black shales and silty shales (Pga) of the Quartet Group, and orange weathering dolomites (Pga) of the Gillespie Lake Group. The rock exposures of the Quartet Group weather a dull dark grey to black and include pyritic quartzite (Pqb), chert pebble conglomerate (Pqc) and limestone (Pqd). The chert pebble conglomerate is well sorted with subangular, 0.2-2.0 centimetre fragments of chert, quartz and argillite. Outcrops of this unit and grey weathering white crystalline limestone (Pqd) are found on the western side of the property.

The Gillespie Lake Group strata is much more varied than the Quartet Group. Away from the core of the breccia-intrusive complex, the group is dominated by two main lithologies: orange-weathering grey dolomites (Pga) and a upper grey-weathering unit (Pgb). Within the breccia complex, a number of additional lithologies are found including maroon mudstone and siltstone (Pgc), light to dark green mudstone and siltstone (Pgd), interbedded chert and dolomite (Pge) and mafic volcanics (Pgf).

The maroon (Pgc) and green (Pgd) mudstone to siltstone units are differentiated primarily by colour, although the green beds tend to be finer grained, thinly laminated and more fissile. Ripple marks and cross bedding were observed in the maroon unit, indicating relatively shallow water deposition. The maroon unit is often crackled and healed by quartz-carbonate. Cryptocrystalline quartz and banded iron formation with alternating jasper and magnetite beds are commonly found in the green coloured clastics and to a minor extent in dolomite beds. The differential weathering of alternating, 0.5-3.0 centimetre thick, dolomite and exhalative chert beds (Pge) forms resistant ribbed outcrops. The chert beds may be simply white or jasper-coloured. Fine- to medium-grained, massive and amygdaloidal mafic volcanics (Pgf), likely comagmatic with mafic intrusive rocks, are comprised of plagioclase crystals in green (chloritic) and/or red (hematitic) matrix.

The Wernecke Supergroup strata are cut by a number of irregular shaped hematite breccia bodies (Bx₁, Bx₂). The configuration of the entire breccia complex and boundaries between individual breccia types is poorly exposed and complicated. The entire complex measures at least 3.0 by 2.0 kilometres by the mapping completed to date. For mapping purposes, the breccias have been subdivided by clast lithology: homolithic, or one clast type (Unit Bx₂) and heterolithic, containing more than one fragment type (Unit Bx₁). Within the homolithic phases, maroon mudstone (Bx_{2a}) and dolomite breccias (Bx_{2b}) have been defined. The degree of fragmentation, alteration and rounding of clasts is considerably less in the homolithic phase. The outer contact of the homolithic breccia is gradational into unaltered sediments in which bedding is warped and tightly box folded suggesting forceful injection of the breccia into soft saturated sediment across and along bedding. The brecciation may be reduced to a crackled phase exhibiting no

rotation of fragments with specular hematite (<5%) and carbonate healing fractures. The contact between heterolithic and homolithic phases is normally very sharp, although the boundary between Bx_{2a} and Bx_{2b} homolithic phases is often gradational.

The heterolithic phase is characterized by variable clast type and degree of alteration in the clasts. The heterolithic phases have been divided into hydrothermal breccias (Bx_{1a}) with alteration minerals comprising the matrix and maroon mudstone breccia (Bx_{1b}) with an abundance of maroon fragments and rock flour and carbonate in the matrix. Both breccia types are matrix-supported with subrounded fragments ranging from 1.0 centimetre to 1.0 metre, but normally averaging less than 5 centimetres. The matrix consists of extremely milled fragments (<2-3 mm.) and specular hematite (3-10%). The colour of the breccia outcrop is indicative of the dominant alteration present: maroon - earthy hematite, buff - carbonate, green - chlorite and pink - potassium feldspar. Other alteration products include silica and very minor sericite. These hydrothermal minerals are strongest in the matrix but have also affected the fragments. Additional clast types found include jasper, banded iron formation, quartz and diorite.

Unit Gb is a dark green intrusive varying from diorite to gabbro and possibly monzonite in composition. The intrusives are medium-grained and equigranular, comprised of euhedral plagioclase and interstitial chloritized hornblende, magnetite and trace sulphides. The intrusives appear to be closely associated with the breccia bodies.

The structure of the Monster West property is extremely complicated in the area of the breccias and it is likely there are many more faults through the area than have been mapped. Bedding orientations are different in each of the faulted domains and, on an outcrop scale, bedding is disrupted adjacent to the hematite breccias.

6.2 Mineralization

The limited exploration has revealed that copper mineralization is widespread on the Monster West property. Thirty-six of the 57 rock samples taken from the property returned copper values >1000 ppm of which three samples contained >1.0% copper. The copper mineralization is generally of three main types. On the eastern side of the claim block, chalcopyrite and bornite occur within strongly K-feldspar altered sediments, brecciated sediments and to a minor extent in altered intrusive rocks. This mineralization is limited in exposure, however, grab samples contain from 0.2 to 1.5% chalcopyrite and as high as 1% bornite with minor cobaltite. The mineralization centred about contour soil line CL5200 is of this type.

The second type of mineralization is found approximately 350

metres to the northeast of the above area. At this location, disseminated chalcopyrite and cobaltite occur within a siliceous dolomite bed. Mineralization can be traced over approximately 250 metres along strike with patchy mineralization averaging less than 1% chalcopyrite and cobaltite. The highest cobalt (1.87%), nickel (470 ppm) and gold (1040 ppb) values were obtained from sample 485021 which was taken across 0.60 metres of the better cobaltite mineralization.

The most significant style of mineralization is chalcopyrite mineralization hosted in maroon mudstone breccias in a newly discovered showing now referred to as the 4900 Zone. This showing consists of a subcropping talus slope that is consistently mineralized over an area of at least 100 by 100 metres. The extent of this mineralization is likely larger but is obscured by soil and grass cover. There is no obvious visual expression of the mineralization except for the maroon colour of pervasive earthy hematite, as there are no iron weathering products and very little malachite. The 4900 Zone lies within a 600 by 250 metre UMEX soil anomaly containing >480 ppm copper. Within the 4900 Zone, greater than 80% of the talus contains on average 1-2% chalcopyrite in homolithic and to a lesser extent heterolithic mudstone breccias. Generally, chalcopyrite mineralization occurs in breccias with relatively high percentages of specular hematite and strong carbonate alteration. The rock geochemistry indicates that the breccias are high in potassium, calcium and locally barium and are low in sodium. There is a zonation up the slope from a poorly mineralized heterolithic breccia (#509186) to breccias dominated by maroon fragments and containing higher percentages of specular hematite. A 15 metre diorite dyke trends north-northeasterly through the zone. Talus float and outcrop samples from the 4900 zone are listed in Table 6.2.1. Silver values were less than detection limit except for sample 509184 which contained 0.4 ppm silver.

TABLE 6.2.1
4900 ZONE ROCK GEOCHEMISTRY

Sample	Type	Gold (ppb)	Cobalt (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
509183	Float	<5	25	2486	<2	42
509184	Float	30	28	7364	4	26
509185	Float	160	24	1.70%	<2	12
509187	Grab	<5	15	2180	2	28
509188	Float	<5	19	1986	<2	14
509189	Grab	<5	25	2750	<2	38

Mineralization, similar in occurrence and grade, was also discovered approximately 1.2 kilometres east of the 4900 zone. The extent of this showing and its relationship to the 4900 zone is not known. Float sample 485019 and grab sample 485022 ran 1.0% and 4573 ppm copper, respectively.

Uranium values for all rock samples on the property are less than 10 ppm and are not considered significant.

7.0 SOIL GEOCHEMISTRY

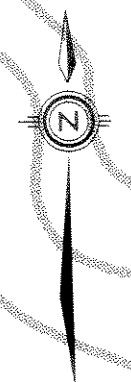
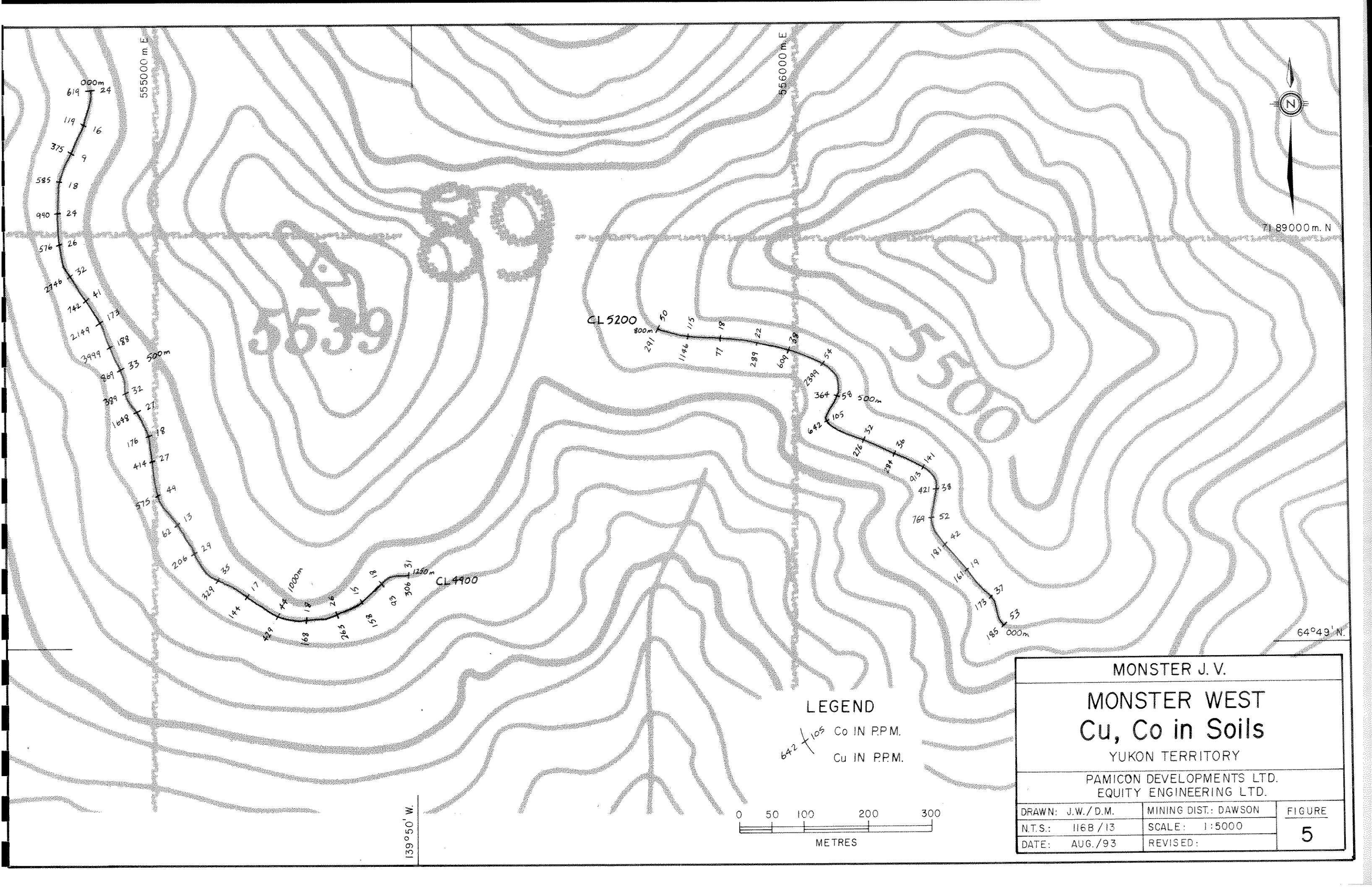
The soil geochemical work was undertaken to confirm the two areas of the 1976 UMEX grid reporting copper anomalies >480 ppm, one of which also had cobalt values >60 ppm. The position of these anomalies was determined by topographic features as no portion of the grid could be found in the field except for a couple of unmarked weathered pickets. Forty three samples were collected at 50 metre intervals along two contour elevations (4900', 5200').

Both orientation lines returned very anomalous copper values with all but three of the samples containing >100 ppm copper (Figure 5). Cobalt values are similarly elevated. The most anomalous portion of CL4900, from 150 to 600 metres, corresponds very well with the >480 ppm UMEX anomaly. The 4900 zone occurs between soil stations 250 and 350 metres. Four of the ten samples taken in this stretch returned copper values in excess of 1000 ppm. High cobalt (188 ppm), lead (530 ppm) and zinc (516 ppm) values are also found in the strongest part of the copper anomaly. This was somewhat unexpected considering the low values of lead and zinc in rock samples taken from the area and suggests that additional mineralization remains to be discovered (Figures 5 and 6). Line 5200 was similarly enriched in copper and cobalt, although lead and zinc values are lower overall. Gold, silver and uranium values are uniformly low for both lines.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The potential for Olympic Dam type deposits has not been thoroughly investigated in the Ogilvie Mountains. Exploration to date in the Ogilvies has been limited. Results from the 1993 field program indicate the presence of Olympic Dam style mineralization on the Monster West property, and a mineralizing system capable of producing significant copper grades and tonnages. Sulphide mineralization is associated with mafic intrusives, potassic and carbonate alteration, elevated concentrations of specular hematite, and favourable host rocks, like the maroon mudstone breccias.

Several geological features such as the co-existence of mafic volcanics, chert pebble conglomerates, complex stratigraphy, soft sediment deformation, and exhalative chert and banded iron formation, are suggestive of breccia emplacement in a rifting environment near the paleo surface. This spatial association of varied lithologies with the breccia complex is unique, when compared to the Gillespie Lake stratigraphic column elsewhere in the belt, and undoubtedly, the depositional environment of these

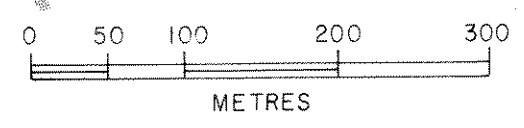


71 89000 m. N

64°49' N.

LEGEND

642 / 105 Co IN P.P.M.
 642 / 105 Cu IN P.P.M.



MONSTER J. V.		
MONSTER WEST		
Cu, Co in Soils		
YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN: J.W./D.M.	MINING DIST.: DAWSON	FIGURE
N.T.S.: 116B/13	SCALE: 1:5000	5
DATE: AUG./93	REVISED:	

139°50' W.

5539

5000

809

CL 5200

CL 4900

555000 m E

556000 m E

000m

119 16

375 9

585 18

940 24

576 26

2146 32

742 41

2149 173

3999 33

869 32

389 27

1698 78

176 27

414 49

575 13

62 29

206 35

329 17

144 17

44 1000m

168 17

295 26

81 15

306 1250m

5 81

31 5

297 50

1146 115

77 18

289 22

609 38

2399 54

364 58

500m

642 105

276 32

234 36

913 141

421 38

76A 52

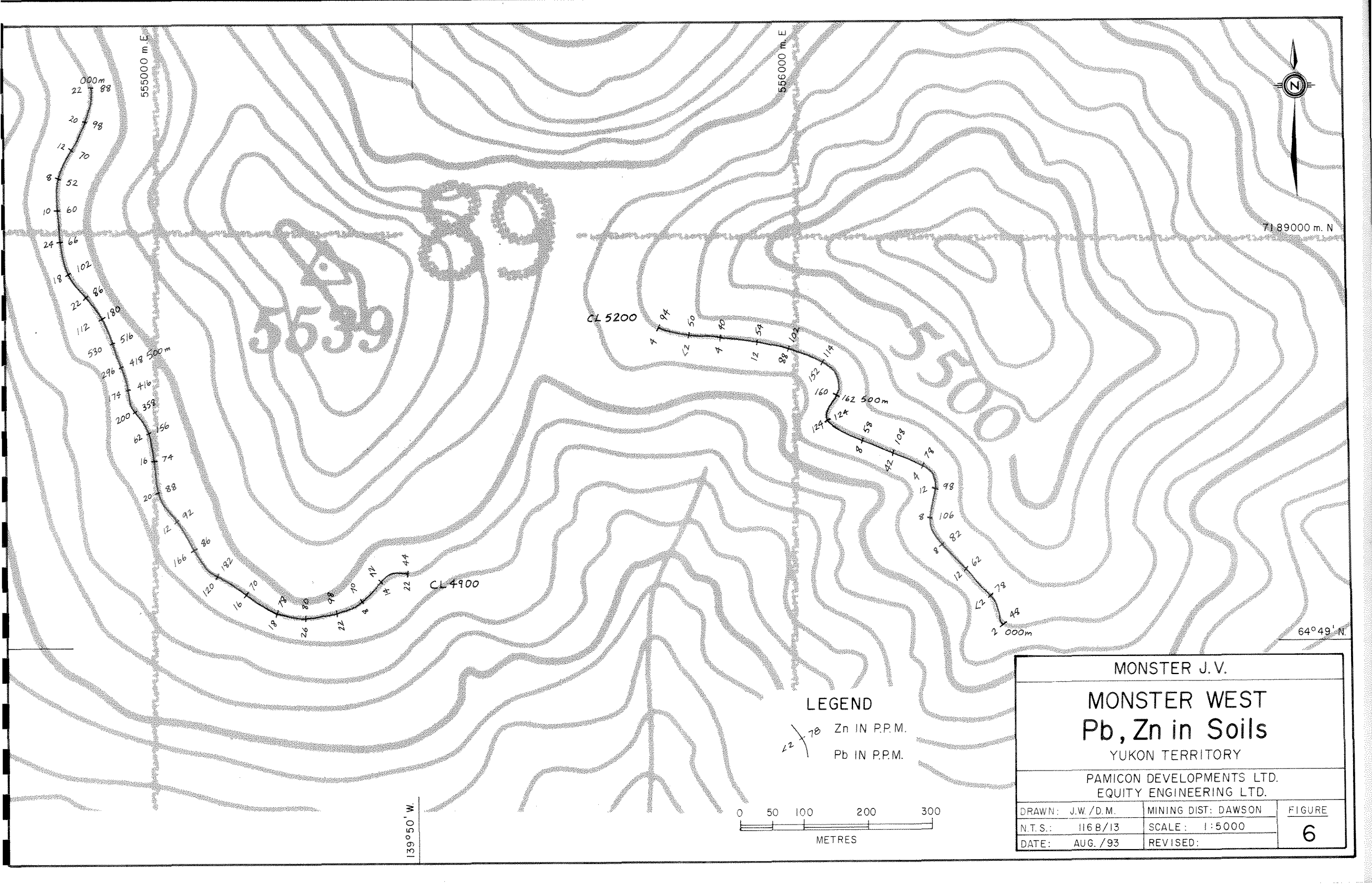
181 42

161 19

173 37

185 53

000m



7189000 m. N

64°49' N.

555000 m. E

556000 m. E

139°50' W.

CL 5200

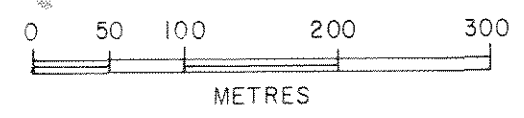
CL 4900

5539

5500

LEGEND

Zn IN P.P.M.
 Pb IN P.P.M.



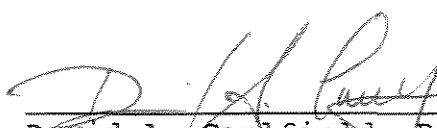
MONSTER J.V.		
MONSTER WEST Pb, Zn in Soils		
YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN: J.W./D.M.	MINING DIST: DAWSON	FIGURE
N.T.S.: 116 B/13	SCALE: 1:5000	6
DATE: AUG./93	REVISED:	

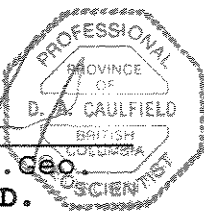
lithologies is linked to the emplacement of the breccias. The breccia/alteration system may have erupted to surface, as at Olympic Dam, at or near the transition between Quartet Group and Gillespie Lake Group sediments. The breccia complex is controlled along an east-west trending reverse fault.

The best mineralization is contained in the 4900 Zone which is comprised of purple mudstone breccia-hosted chalcopyrite mineralization. The zone is exposed over 100 by 100 metres on a grass and talus slope, coincident with a copper soil anomaly of >480 ppm, measuring 250 by 600 metres. Similar mineralization was found 1200 metres to the east. Float samples from the 4900 Zone returned up to 1.70% copper.

The exploration results from the 1993 program are highly encouraging and fully warrant further work on the Monster West property. The next stage of exploration should focus on detailed mapping and control sampling of areas returning concentrations of significant copper values. The geological associations noted above will aid in subsequent exploration as this mineral association may be conducive to detection by various geophysical methods such as magnetic, radiometric and induced polarization surveys. Based on the results to date, an aggressive exploration program is recommended for the Monster property, concentrating on geological mapping, sampling, prospecting and geophysics, quickly leading up to diamond drilling.

Respectfully submitted,


David A. Caulfield, P. Geo.
EQUITY ENGINEERING LTD.



Vancouver, British Columbia
January, 1994

APPENDIX A

BIBLIOGRAPHY

BIBLIOGRAPHY

- Archer, A. Bell, R.T. and Thorpe R. (1986): Age Relationships from U-Th-Pb isotope studies of uranium mineralization in Wernecke breccias; in Current Research, Part A, Geological Survey of Canada, Paper 86-1A, p. 385-391.
- Archer, A.R. and Schmidt, U. (1978): Mineralized Breccias of Early Proterozoic Age, Bonnet Plume River District, Yukon Territory; CIM Bulletin, vol. 71, p. 53-58.
- Bell, R.T. (1978): Breccias and uranium mineralization in the Wernecke Mountains, Yukon - a progress report ; in Current Research, Part A, Geological Survey of Canada, Paper 78-1A. p. 317-322.
- Bell, R.T. (1982): Comments on the geology and uraniferous mineral occurrences of the Wernecke Mountains , Yukon and District of MacKenzie; in Current Research, Geological Survey of Canada, Paper 82-1B. p. 279-284.
- Bell, R.T. (1986): Geological map of northeastern Wernecke Mountains, Yukon Territory; Geological Survey of Canada, Open File 1027.
- Bell, R.T. (1986): Megabreccias in northeastern Wernecke Mountains, Yukon Territory; in Current Research, Part A, Geological Survey of Canada, Paper 86-1A. p. 375-384.
- Bell, R.T. and Delaney, G.D. (1977): Geology of some uranium occurrences in Yukon Territory; in Current Research, Part A, Geological Survey of Canada, Paper 77-1A. p. 33-37.
- Bell, R.T. and Jones, L.D. (1979): Geology of some Uranium Occurrences in Western Canada; in Current Research, Part A, Geological Survey of Canada, Paper 79-1A. p. 397-340.
- Carriere, J.J., Sinclair, W.D. and Kirkham, R.V. (1981): Copper Deposits and Occurrences in Yukon Territory; Geological Survey of Canada, Paper 81-12, 10 pp.
- Delaney, G.D. (1981): The Mid-Proterozoic Wernecke Supergroup, Wernecke Mountains, Yukon Territory; in Proterozoic Basins of Canada, Geological Survey of Canada, Paper 81-10, p. 1-23.
- Delaney, G.D. (1985): The Middle Proterozoic Wernecke Supergroup, Wernecke Mountains, Yukon Territory; Unpublished Ph.D. Thesis, University of Western Ontario, 373 pp.
- Eisbacher, G.H. (1978): The Major Proterozoic Unconformities, Northern Cordillera; in Current Research, Part A, Geological Survey of Canada, Paper 78-1A, p. 53-58.

Goodfellow, W.D. (1979): Geochemistry of copper, lead, and zinc mineralization in Proterozoic rocks near Gillespie Lake, Yukon; in Current Research, Part A, Geological Survey of Canada, Paper 79-1A. p. 333-338.

Green, L.H. (1972): Geology of Nash Creek, Larsen Creek and Dawson map-areas, Yukon Territory; Geological Survey of Canada, Memoir 364, 157 pp.

Lane R.A. (1990): Geologic Setting and Petrology of the Proterozoic Ogilvie Mountains Breccia of the Coal Creek Inlier, Southern Ogilvie Mountains, Yukon Territory; Unpublished Masters Thesis, University of British Columbia, 223 pp.

Lane, R.A. and Godwin, C.I. (1992): Geology of the Ogilvie Mountains Breccias, Coal Creek Inlier, (NTS 116B/11, 13, 14); Department of Indian and Northern Affairs, Open File 1992-1

Laznicka, P. and Edwards, R.J. (1979): Dolores Creek, Yukon - a Disseminated Copper Mineralization in Sodic Metasomatites; in Economic Geology, vol. 74, p. 1352-1370.

Yeo, G.M. (1986): Iron-Formation in the late Proterozoic Rapitan Group, Yukon and Northwest Territories; in Mineral Deposits of the Northern Cordillera, Canadian Institute of Mining and Metallurgy Special Vol. 37, p. 142-153.

Young, G.M., Jefferson, C.W., Delaney, G.D. and Yeo, G.M. (1979): Middle and late Proterozoic evolution of the northern Canadian Cordillera and Shield; in Geology, vol. 7, p. 329-330.

Yukon Assessment Reports: 090068, 090141, 090214, 090216

APPENDIX B

LIST OF PERSONNEL

LIST OF PERSONNEL

Tom Bell (Prospector)
207, 675 West Hastings Street
Vancouver, B.C. V6B 1N2

David Caulfield (Geologist)
207, 675 West Hastings Street
Vancouver, B.C. V6B 1N2

Mark E. Baknes (Geologist)
207, 675 West Hastings Street
Vancouver, B.C. V6B 1N2

APPENDIX C

STATEMENT OF EXPENDITURES

**STATEMENT OF EXPENDITURES
MONSTER 1-40 CLAIMS**

CANADA) In the matter of an evaluation program on the
) Monster 1-40 Mineral Claims

I, Mark Baknes for Equity Engineering Ltd., 207, 675 West Hastings Street, Vancouver, B.C. do solemnly declare that a program consisting of lithochemical sampling, geological mapping, and prospecting was carried out on the Monster 1-40 Mineral Claims during the period July 14-17, 1993.

The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

PROFESSIONAL FEES AND WAGES:

David A. Caulfield, P. Geo.		
10.625 days @ \$375/day	\$ 3,984.38	
Mark E. Baknes, P. Geo.		
7.375 days @ \$ 300/day	2,212.50	
Tom Bell, Prospector		
4.5 days @ \$ 250/day	1,100.00	
Clerical		
11.89 hours @ \$20/hour	<u>237.80</u>	\$ 7,534.68

EXPENSES:

Chemical Analyses	\$ 1,545.76	
Materials and Supplies	116.56	
Printing and Reproductions	206.37	
Maps and Publications	25.05	
Drafting	284.35	
Camp Food	393.15	
Camp Fuel	6.76	
Meals	170.86	
Accommodation	206.63	
Travel	898.51	
Automotive Fuel	35.19	
Automotive Expenses	2.17	
Joint Mobilization Costs (within Yukon)	21.06	
Equipment Rental	1,019.42	
Aircraft Charters	548.02	
Helicopter Charters	2,340.70	
Telephone Distance Charges	122.62	
Courier and Telefax	<u>41.68</u>	7,984.86

MANAGEMENT FEES:

15% on expenses only		<u>2,058.98</u>
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SUBTOTAL: \$ 17,578.52

GST:

7% on subtotal

1,230.50

\$ 18,809.02

Notes:

1. Wages are based on actual man days spent on the property.
2. Helicopter charges are based on actual hours flown on the property.
3. Assay charges are based on actual numbers of samples from the property.
4. General expenses (all other costs) are pro rated according to man days allocated to each property.

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the)
Province of British Columbia this)

14 day of March, 1994)

M. E. Baknes



H.S. D-1

Notary Public in and for
the Yukon Territory.

APPENDIX D

ROCK SAMPLE DESCRIPTIONS

MINERALS AND ALTERATION TYPES

AB	albite	AD	adularia
AK	ankerite	AS	arsenopyrite
AZ	azurite	BA	barite
BI	biotite	BO	bornite
BR	brannerite	CA	calcite
CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CO	cobaltite
CP	chalcopyrite	CY	clay
DI	diopside	DO	dolomite
EP	epidote	ER	erythrite
GA	garnet	GE	goethite
GL	galena	GR	graphite
HE	earthy hematite	HS	specularite
JA	jarosite	KF	potassium feldspar
MC	malachite	MG	magnetite
MN	Mn-oxides	MR	mariposite
MS	muscovite/sericite	NE	neotocite
PO	pyrrhotite	PY	pyrite
QZ	quartz	SI	silica
SP	sphalerite	TT	tetrahedrite

ALTERATION INTENSITIES

m	medium	s	strong	tr	trace
vs	very strong	vw	very weak	w	weak

Property : MONSTER WEST

NTS : 116B/13

Date : JANUARY 24, 1994

Sample No.	UTM :	7189 510 N	Type :	Float	Alteration :	Au	Ag	Co	Cu	Pb	Zn
		556 050 E	Strike Length Exp. :	m	Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485019	Elevation:	4660 ft	Sample Width :	m	Secondaries:	70.	0.2	8.	1.00%	<2	22.
	Orientation:	/	True Width :	m	Host :	Specular hematite breccia					

Comments : Sample located 20m east of No. 2 Posts Monster 25 and 26. Breccia has maroon colouration.

Sample No.	UTM :	7188 960 N	Type :	Select	Alteration :	Au	Ag	Co	Cu	Pb	Zn
		556 830 E	Strike Length Exp. :	m	Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485020	Elevation:	5000 ft	Sample Width :	2 m	Secondaries:	45.	0.6	20.	3509.	<2	20.
	Orientation:	/	True Width :	? m	Host :	Contact zone					

Comments : Sample from limited mineralization on contact between silicified dolomites and fine-grained sediments and hematite breccia.

Sample No.	UTM :	7188 890 N	Type :	Select	Alteration :	Au	Ag	Co	Cu	Pb	Zn
		556 710 E	Strike Length Exp. :	10 m	Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485021	Elevation:	5225 ft	Sample Width :	60 cm	Secondaries:	1040.	<0.2	1.870%	153.	<2	22.
	Orientation:	095 / 40 SW	True Width :	60 cm	Host :	Dolomite					

Comments : Mineralization located in shear zone.

Sample No.	UTM :	7189 190 N	Type :	Select/grab	Alteration :	Au	Ag	Co	Cu	Pb	Zn
		556 220 E	Strike Length Exp. :	10x15 m	Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485022	Elevation:	5490 ft	Sample Width :	5-7 m	Secondaries:	15.	<0.2	26.	4573.	<2	20.
	Orientation:	/	True Width :	? m	Host :	Specular hematite breccia					

Comments : Sporadic chalcopyrite mineralization throughout outcrop exposure of maroon breccia. Probable source of 485019 float sample.

Sample No.	UTM :	7188 870 N	Type :	Select/grab	Alteration :	Au	Ag	Co	Cu	Pb	Zn
		556 590 E	Strike Length Exp. :	m	Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485023	Elevation:	5450 ft	Sample Width :	5 m	Secondaries:	50.	1.8	343.	5436.	18.	1050.
	Orientation:	/	True Width :	? m	Host :	Silicified dolomite					

Comments : Sample taken 50 metres above 485021.

Sample No.	UTM :	7188 870 N	Type :	Grab	Alteration :	Au	Ag	Co	Cu	Pb	Zn
		556 590 E	Strike Length Exp. :	10 m	Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485024	Elevation:	5450 ft	Sample Width :	50 cm	Secondaries:	225.	0.4	4626.	2605.	2.	24.
	Bedding :	105 / 50 SW	True Width :	50 cm	Host :	Silicified dolomite					

Comments : Same location as 485024.

Property : MONSTER WEST

NTS : 116B/13

Date : JANUARY 24, 1994

Sample No.	UTM :	7188 680 N	Type :	Float	Alteration :	sSI	Au	Ag	Co	Cu	Pb	Zn
		556 720 E	Strike Length Exp. :	m	Metallics :	<1%CP, <1%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485025	Elevation:	5050 ft	Sample Width :	m	Secondaries:	mHE	<5	<0.2	63.	266.	<2	88.
	Orientation:	/	True Width :	m	Host :	Dolomite						

Comments : Subcrop sample of several rocks. Probable cause of Umex copper anomaly.

Sample No.	UTM :	7188 660 N	Type :	Float	Alteration :	sCB, sQZ	Au	Ag	Co	Cu	Pb	Zn
		556 810 E	Strike Length Exp. :	m	Metallics :	<1%CP, 10-20%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485026	Elevation:	4875 ft	Sample Width :	m	Secondaries:	mHE	<5	<0.2	32.	1863.	<2	246.
	Orientation:	/	True Width :	m	Host :	Specular hematite breccia						

Comments : Talus or subcrop. Sample from two rocks. Minor chalcopyrite in float throughout slope.

Sample No.	UTM :	7188 660 N	Type :	Float	Alteration :	mCB, mSI	Au	Ag	Co	Cu	Pb	Zn
		556 810 E	Strike Length Exp. :	m	Metallics :	<1%CP, <1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485027	Elevation:	4875 ft	Sample Width :	m	Secondaries:	None	<5	0.4	6.	3904.	16.	42.
	Orientation:	/	True Width :	m	Host :	Dolomite						

Comments : Talus or subcrop. Same area as 485026. Abundant float of this type on hillside.

Sample No.	UTM :	7188 600 N	Type :	Float	Alteration :	sCB, sCL	Au	Ag	Co	Cu	Pb	Zn
		556 230 E	Strike Length Exp. :	m	Metallics :	1%CP, 5%HS, <1%CO	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485028	Elevation:	5300 ft	Sample Width :	m	Secondaries:	mHE, sMC	30.	<0.2	46.	3539.	<2	56.
	Orientation:	/	True Width :	m	Host :	?						

Comments : Sample located 50m north of No. 1 Posts Monster 5 and 6.

Sample No.	UTM :	7188 880 N	Type :	Grab	Alteration :	sCB, mQZ	Au	Ag	Co	Cu	Pb	Zn
		555 860 E	Strike Length Exp. :	10 m	Metallics :	<1%CP, 5-10%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485029	Elevation:	5400 ft	Sample Width :	7 m	Secondaries:	mHE, wJA, mMC	<5	<0.2	66.	2597.	<2	74.
	Bedding :	170 / V	True Width :	7 m	Host :	Siltstone						

Comments :

Sample No.	UTM :	7188 910 N	Type :	Grab	Alteration :	sBA	Au	Ag	Co	Cu	Pb	Zn
		555 910 E	Strike Length Exp. :	m	Metallics :	<1%CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485030	Elevation:	5450 ft	Sample Width :	10 cm	Secondaries:		<5	0.6	47.	1095.	2.	26.
	Bedding :	050 / 70 SE	True Width :	10 cm	Host :	Siltstone						

Comments :

Property : MONSTER WEST

NTS : 1168/13

Date : JANUARY 24, 1994

Sample No.	UTM :	7188 940 N	Type :	Grab	Alteration :	sCB, sQZ	Au	Ag	Co	Cu	Pb	Zn
		555 990 E	Strike Length Exp. :	m	Metallics :	<1%CP, 5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485031	Elevation:	5475 ft	Sample Width :	5 m	Secondaries:	mHE	<5	<0.2	18.	1187.	<2	32.
	Orientation:	/	True Width :	m	Host :	Siltstone breccia						

Comments :

Sample No.	UTM :	7188 760 N	Type :	Grab	Alteration :	mCB, sCL	Au	Ag	Co	Cu	Pb	Zn
		556 340 E	Strike Length Exp. :	50+ m	Metallics :	trCP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485032	Elevation:	5650 ft	Sample Width :	10 m	Secondaries:	mJA	<5	<0.2	370.	2540.	<2	92.
	Orientation:	060 /	True Width :	10 m	Host :	Gabbro						

Comments : Dyke is approximately 50-75 metres wide.

Sample No.	UTM :	7188 790 N	Type :	Float	Alteration :	sCB, sCL	Au	Ag	Co	Cu	Pb	Zn
		556 320 E	Strike Length Exp. :	m	Metallics :	trCP, trHS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485033	Elevation:	5640 ft	Sample Width :	1 m	Secondaries:	wAZ, sJA, sMC	<5	2.0	63.	8537.	<2	98.
	Orientation:	/	True Width :	m	Host :	Specular hematite breccia-gabbro contact						

Comments : Subcrop of contact.

Sample No.	UTM :	7188 780 N	Type :	Select	Alteration :	sCB, mQZ	Au	Ag	Co	Cu	Pb	Zn
		556 310 E	Strike Length Exp. :	5-7 m	Metallics :	trCO?, <1%CP, 5%HS, trBO	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485034	Elevation:	5600 ft	Sample Width :	2 m	Secondaries:	mHE, mJA, wMC	<5	2.4	55.	1.30%	<2	50.
	Orientation:	/	True Width :	2 m	Host :	Specular hematite breccia						

Comments : Sample 10 metres below 485033.

Sample No.	UTM :	7188 750 N	Type :	Select	Alteration :	mCB, sCL, sQZ	Au	Ag	Co	Cu	Pb	Zn
		556 300 E	Strike Length Exp. :	3 m	Metallics :	1%CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485035	Elevation:	5500 ft	Sample Width :	2 m	Secondaries:	sJA, mMC	<5	0.2	266.	7799.	<2	92.
	Faulting :	080 / V	True Width :	2 m	Host :	Gabbro						

Comments :

Sample No.	UTM :	7189 220 N	Type :	Float	Alteration :	None	Au	Ag	Co	Cu	Pb	Zn
		556 050 E	Strike Length Exp. :	m	Metallics :	1%CP, 5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485036	Elevation:	5250 ft	Sample Width :	m	Secondaries:	mHE	<5	<0.2	29.	3319.	<2	30.
	Orientation:	/	True Width :	m	Host :	Specular hematite breccia						

Comments : Sample taken 150-200 metres west of 485022 zone. Grab from one piece of talus.

Property : MONSTER WEST

NTS : 116B/13

Date : JANUARY 24, 1994

Sample No.	UTM :	7189 190 N	Type :	Select	Alteration :	sCB, sQZ	Au	Ag	Co	Cu	Pb	Zn
		556 060 E	Strike Length Exp. :	6-7 m	Metallics :	<1%CP, 1-2%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485037	Elevation:	5425 ft	Sample Width :	4 m	Secondaries:	mJA, wMC	<5	0.4	30.	1996.	<2	42.
	Bedding :	000 / 35 W	True Width :	4 m	Host :	Siltstone						

Comments : Altered sediments on gabbro contact. Gabbro trends in direction of 485022 zone.

Sample No.	UTM :	7189 200 N	Type :	Grab	Alteration :	None	Au	Ag	Co	Cu	Pb	Zn
		555 990 E	Strike Length Exp. :	15-20 m	Metallics :	1%CP, 5-10%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485038	Elevation:	5250 ft	Sample Width :	3 m	Secondaries:	None	20.	0.2	16.	2848.	<2	48.
	Orientation:	060 /	True Width :	3 m	Host :	Specular hematite breccia						

Comments : Purple mudstone breccia is approximately 5-7 metres wide.

Sample No.	UTM :	7189 500 N	Type :	Float	Alteration :	wCB, mSI, KF	Au	Ag	Co	Cu	Pb	Zn
		555 250 E	Strike Length Exp. :	m	Metallics :	<1%CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509173	Elevation:	4800 ft	Sample Width :	m	Secondaries:	mMC	<5	0.4	4.	1005.	2.	8.
	Orientation:	/	True Width :	m	Host :	Bleached silicified metasediment?						

Comments : Composite grab from more than one float boulder. Chalcopyrite can also be found in gabbro and Fe-carbonate-rich breccia at same location.

Sample No.	UTM :	7189 500 N	Type :	Float	Alteration :	vsCB	Au	Ag	Co	Cu	Pb	Zn
		555 190 E	Strike Length Exp. :	m	Metallics :	<1%CP, 2-3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509174	Elevation:	5000 ft	Sample Width :	m	Secondaries:	trMC	<5	<0.2	17.	365.	<2	22.
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments : Sample from breccia float in quartz-Fe-carbonate altered area.

Sample No.	UTM :	7189 360 N	Type :	Float	Alteration :	mCB, wCL, mKF	Au	Ag	Co	Cu	Pb	Zn
		554 580 E	Strike Length Exp. :	m	Metallics :	<1%CP, 5-7%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509175	Elevation:	4400 ft	Sample Width :	m	Secondaries:	trMC	5.	<0.2	9.	1634.	<2	26.
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments : Sample taken from large boulder field at mixed heterolithic breccia and homolithic breccia south of No. 1 Posts Monster 33, 34.

Sample No.	UTM :	7189 680 N	Type :	Float	Alteration :	wCA, mKF	Au	Ag	Co	Cu	Pb	Zn
		554 880 E	Strike Length Exp. :	m	Metallics :	0.5%CP, 5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509176	Elevation:	4800 ft	Sample Width :	m	Secondaries:	None	<5	<0.2	9.	1619.	<2	22.
	Orientation:	/	True Width :	m	Host :	Purple mudstone breccia						

Comments : Specular hematite is extremely finely disseminated in purple matrix of breccia. Chalcopyrite also finely disseminated, although coarser grains and spots along fractures.

Property : MONSTER WEST

NTS : 116B/13

Date : JANUARY 24, 1994

Sample No. UTM : 7189 840 N Type : Grab Alteration : wKF, wMS, ?HE Au Ag Co Cu Pb Zn
 555 030 E Strike Length Exp. : 15 m Metallics : trCP, 7%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509177 Elevation: 4900 ft Sample Width : 1 m Secondaries: None 15. <0.2 9. 136. <2 26.
 Orientation: / True Width : m Host : Heterolithic breccia
 Comments : Breccia fragments are angular and consist of pink (KF?, HE?) stained dolomite and green siltstone.

Sample No. UTM : 7189 360 N Type : Float Alteration : wCB, sCL Au Ag Co Cu Pb Zn
 555 250 E Strike Length Exp. : m Metallics : tr-0.5%CP,5%MG, tr-0.5%PY (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509178 Elevation: 5000 ft Sample Width : m Secondaries: None <5 <0.2 25. 162. <2 170.
 Orientation: / True Width : m Host : Diorite/gabbro
 Comments : Talus scree/subcrop of mafic intrusive.

Sample No. UTM : 7189 330 N Type : Grab Alteration : vsCB, m-sQZ Au Ag Co Cu Pb Zn
 555 050 E Strike Length Exp. : 15 m Metallics : 1-2%CP (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509179 Elevation: 5200 ft Sample Width : 5 m Secondaries: wMC <5 <0.2 4. 5408. <2 20.
 Bedding : 070 / 80 S True Width : 5 m Host : CB-QZ altered dolomite?
 Comments : Sample across subcrop along ridge. Chocolate brown weathering. No malachite on external surfaces. Chalcopyrite is disseminated and occurs along fractures with quartz.

Sample No. UTM : 7189 340 N Type : Float Alteration : mCB, sQZ, sSI, mHE Au Ag Co Cu Pb Zn
 555 040 E Strike Length Exp. : m Metallics : <1%CP, <1%PY (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509180 Elevation: 5200 ft Sample Width : m Secondaries: trMC <5 <0.2 8. 2042. <2 20.
 Orientation: / True Width : m Host : QZ-CB-jasper altered dolomite
 Comments : Subcrop heave located approximately 15.0m north of 509179.

Sample No. UTM : 7189 200 N Type : Grab Alteration : vsCL Au Ag Co Cu Pb Zn
 555 080 E Strike Length Exp. : >20 m Metallics : <1%CP, <1%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509181 Elevation: 5260 ft Sample Width : 1.0 m Secondaries: trAZ, wGE, wJA, mMC <5 <0.2 49. 2282. <2 54.
 Bedding : 080 / 80 S True Width : 1.0 m Host : Mafic amygdaloidal flow
 Comments :

Sample No. UTM : 7189 040 N Type : Grab Alteration : m-sCB Au Ag Co Cu Pb Zn
 554 910 E Strike Length Exp. : 10 m Metallics : 1%CP, 5%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509182 Elevation: 5030 ft Sample Width : 1.0 m Secondaries: mMC <5 <0.2 6. 2345. <2 24.
 Jointing : 085 / 60 S True Width : 1.0 m Host : Heterolithic breccia
 Comments : Contact zone between purple mudstone and heterolithic breccia. Total width of zone would measure approximately 4.0m.

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Sample No. UTM : 7188 980 N Type : Float Alteration : mCB Au Ag Co Cu Pb Zn
 509183 554 850 E Strike Length Exp. : m Metallics : <1%CP, 5%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 4900 ft Sample Width : m Secondaries: None <5 <0.2 25. 2486. <2 42.
 Orientation: / True Width : m Host : Heterolithic breccia-purple matrix

Comments : Float sample by soil station CL4900 250m. Abundant in scree/subcrop.

Sample No. UTM : 7188 940 N Type : Float Alteration : mCB Au Ag Co Cu Pb Zn
 509184 554 870 E Strike Length Exp. : m Metallics : 2-3%CP, 5-10%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 4900 ft Sample Width : m Secondaries: trMC 30. 0.4 28. 7364. 4. 26.
 Orientation: / True Width : m Host : Heterolithic breccia-purple matrix

Comments : This type of float is very abundant in scree (>90% of float). The more abundant the fragments and alteration; copper grade appears to be better.

Sample No. UTM : 7188 940 N Type : Float Alteration : mCB, wQZ Au Ag Co Cu Pb Zn
 509185 554 850 E Strike Length Exp. : m Metallics : 50%HS, ?CC (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 4900 ft Sample Width : m Secondaries: mMC 160. <0.2 24. 1.7 <2 12.
 Orientation: / True Width : m Host : Heterolithic breccia - purple matrix

Comments : Float occurs in same talus field above 509184. Malachite speckled through matrix but no visible copper sulphides - possibly finely disseminated chalcocite.

Sample No. UTM : 7188 940 N Type : Float Alteration : vsCB Au Ag Co Cu Pb Zn
 509186 554 820 E Strike Length Exp. : m Metallics : 1%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 4850 ft Sample Width : m Secondaries: None <5 <0.2 <1 213. 2. 22.
 Orientation: / True Width : m Host : Carbonate-rich heterolithic breccia

Comments : Sample taken from subcrop talus.

Sample No. UTM : 7188 980 N Type : Grab Alteration : sCB Au Ag Co Cu Pb Zn
 509187 554 890 E Strike Length Exp. : 3.0 m Metallics : 1%CP, 20%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 5000 ft Sample Width : 1.0 m Secondaries: None <5 <0.2 15. 2180. 2. 28.
 Orientation: / True Width : ? m Host : Purple matrix heterolithic breccia

Comments : Sample taken approximately 75-80m upslope from CL4900, 250m.

Sample No. UTM : 7188 940 N Type : Float Alteration : vsKF Au Ag Co Cu Pb Zn
 509188 554 900 E Strike Length Exp. : m Metallics : 2%CP, 2%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 5000 ft Sample Width : m Secondaries: wMC <5 <0.2 19. 1986. <2 14.
 Orientation: / True Width : m Host : Purple matrix heterolithic breccia

Comments : Subcrop talus located by diorite unit. Chalcopyrite is very finely disseminated throughout matrix and fragments.

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Sample No. UTM : 7188 980 N Type : Grab Alteration : mCB Au Ag Co Cu Pb Zn
 554 830 E Strike Length Exp. : 1.0 m Metallics : 3%CP, 15%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509189 Elevation: 4825 ft Sample Width : 1.0 m Secondaries: None <5 <0.2 25. 2750. <2 38.
 Orientation: / True Width : ? m Host : Purple matrix heterolithic breccia
 Comments : Sample taken 20m down slope from CL4900 250m. No malachite at all.

Sample No. UTM : 7188 830 N Type : Float Alteration : mCB Au Ag Co Cu Pb Zn
 554 940 E Strike Length Exp. : m Metallics : CP, HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509190 Elevation: 4900 ft Sample Width : m Secondaries: None <5 <0.2 27. 2291. 4. 86.
 Orientation: / True Width : m Host : Purple matrix heterolithic breccia
 Comments : Sample is composite of two float boulders (40cm x 10cm). Abundant malachite stained green siltstone and purple mudstone talus which are quartz-Fe-carbonate veined.

Sample No. UTM : 7188 700 N Type : Grab Alteration : sCB Au Ag Co Cu Pb Zn
 554 990 E Strike Length Exp. : 1.0 m Metallics : <1%CP, 5%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509191 Elevation: 4900 ft Sample Width : 20 cm Secondaries: None <5 <0.2 6. 170. <2 22.
 Orientation: ? / True Width : 20? cm Host : Carbonate-rich heterolithic breccia
 Comments : Sample taken 10m north of soil station CL4900 600m.

Sample No. UTM : 7188 460 N Type : Grab Alteration : sCB, sCL Au Ag Co Cu Pb Zn
 555 340 E Strike Length Exp. : 10 m Metallics : 1%PY (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 509192 Elevation: 4900 ft Sample Width : 3.0 m Secondaries: sMC, sNE <5 0.2 41. 1453. <2 22.
 Jointing : 010 / 80 E True Width : 3.0 m Host : Chlorite-rich heterolithic breccia
 Comments : Lots of malachite/neotocite staining, but no copper sulphides - weathered out? Sample located on contour soil line CL4900 1225m.

Sample No. UTM : 7189 010 N Type : Float Alteration : sCB, sDO, wKF Au Ag Co Cu Pb Zn
 553 720 E Strike Length Exp. : m Metallics : 1%CP, 3%HS, 0.5%PY (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 546518 Elevation: 1385 m Sample Width : m Secondaries: None <5 <0.2 1. 224. <2 20.
 Orientation: / True Width : m Host : Heterolithic breccia
 Comments : Pink-grey fine-grained sediment, angular fragments generally <2-3cm in matrix of f.g. dolomite? FeCB and quartz and rock flour. Specular hematite finely dissem. chalcopryrite dissem. fine + 1-3mm blebs in matrix and fragments. <20% talus min.

Sample No. UTM : 7188 720 N Type : Float Alteration : mCB, mCL, wDO, wKF, mQZ Au Ag Co Cu Pb Zn
 554 620 E Strike Length Exp. : m Metallics : 0.1%CP, 7%HS, 0.1%PO (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 546519 Elevation: 1350 m Sample Width : m Secondaries: None <5 <0.2 12. 81. <2 48.
 Orientation: / True Width : m Host : Heterolithic breccia
 Comments : Angular local talus of heterolithic hematite breccia generally 0.2-20mm subangular fragments of grey and pink KF? altered f.g. sediments in a grey-green + pink matrix of m. to f.g. QZ, CL, FL, CB and f.g. specular hematite, trace chalcopryrite.

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Sample No. UTM : 7188 740 N Type : Float Alteration : wCB, sKF, mQZ Au Ag Co Cu Pb Zn
 546520 554 900 E Strike Length Exp. : m Metallics : 1%CP, 2%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1420 m Sample Width : m Secondaries: wMC <5 0.2 28. 1124. 2. 28.
 Orientation: / True Width : m Host : Pink granular KF alt. sediment or possible intrusive

Comments : Fine-grained pink rock, either KF altered sediment weathered or fine-grained alkali intrusive. 1% chalcopyrite and specular hematite and on fracture surfaces. 5mx2m outpouring of talus, 10% of talus mineralized.

Sample No. UTM : 7188 550 N Type : Grab Alteration : mCL, mKF, wMS, mQZ Au Ag Co Cu Pb Zn
 546521 555 120 E Strike Length Exp. : >50 m Metallics : 7%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1535 m Sample Width : m Secondaries: None <5 0.2 4. 8. <2 24.
 Orientation: / True Width : m Host : Heterolithic hematite breccia

Comments : Pink (KF altered) and grey altered sediments (0.5-3cm) in matrix of pink (KF?) and green (CL) alteration?

Sample No. UTM : 7188 580 N Type : Grab Alteration : wCB, sCL, sKF, wMS, mQZ Au Ag Co Cu Pb Zn
 546522 545 160 E Strike Length Exp. : >50 m Metallics : 10%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1550 m Sample Width : m Secondaries: None <5 0.2 3. 46. <2 26.
 Orientation: / True Width : m Host : Chlorite-rich (HS) heterolithic breccia

Comments : Dark green chloritic matrix supporting mainly pink KF? altered sediments, 10% and greater fine-grained specular hematite disseminated, some very bluish-tarnish.

Sample No. UTM : 7189 080 N Type : Grab Alteration : mCB, mKF, mQZ Au Ag Co Cu Pb Zn
 546523 555 360 E Strike Length Exp. : 5 m Metallics : 1.5%CP, 1%PY (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1545 m Sample Width : m Secondaries: wHE <5 0.4 201. 2300. 6. 26.
 Orientation: / True Width : m Host : Pink crackle brecciated siltstone?

Comments : Pink aphanitic dolomitic? silicic siltstone. Crackle brecciated to massive with indistinct quartz dolomite? matrix. Minor calcite as stringers, chalcopyrite f.g. disseminated 1-3m blebs and fractured fillings.

Sample No. UTM : 7188 390 N Type : Grab Alteration : mCB, wCL, mDO, wQZ Au Ag Co Cu Pb Zn
 546524 556 350 E Strike Length Exp. : >20 m Metallics : 5%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1590 m Sample Width : m Secondaries: sHE, wMC <5 <0.2 20. 123. <2 28.
 Orientation: / True Width : m Host : Purple mudstone breccia

Comments : Typical purple mudstone breccia - crackle breccia quartz-dolomite mudstone matrix, 3-5% specular hematite in matrix. Trace malachite stain.

Sample No. UTM : 7188 660 N Type : Grab Alteration : wCB, wCL, wDO, wQZ Au Ag Co Cu Pb Zn
 546525 556 280 E Strike Length Exp. : m Metallics : .5%CP, 3%HS, 1%PY (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1610 m Sample Width : m Secondaries: sHE <5 <0.2 23. 781. <2 18.
 Orientation: / True Width : m Host : Purple mudstone breccia

Comments : Purple mudstone breccia - crackle breccia with mudstone and dolomite matrix. Patchy chalcopyrite, finely disseminated, in association with pyrite. Breccia grades into dolomite breccia.

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Sample No. UTM : 7188 670 N Type : Grab Alteration : wCB, wCL, mBO, wQZ Au Ag Co Cu Pb Zn
 546526 556 170 E Strike Length Exp. : m Metallics : 0.3%CP, 3%HS, 0.5%PY (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1590 m Sample Width : m Secondaries: mHE <5 <0.2 9. 27. 8. 50.
 Orientation: / True Width : m Host : Purple mudstone breccia

Comments : Purple mudstone breccia, dolomite matrix, framework supported, sporadic areas at <1% chalcopyrite mineralization. Sample random grab over 10m.

Sample No. UTM : 7188 700 N Type : Grab Alteration : sCB, mCL, mDO, mKF, mQZ Au Ag Co Cu Pb Zn
 546527 556 040 E Strike Length Exp. : m Metallics : 7%HS, 1%PY (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1570 m Sample Width : m Secondaries: None <5 <0.2 2. 135. <2 22.
 Orientation: / True Width : m Host : Heterolithic hematite breccia

Comments : Near top of breccia contact with shales and interbedded BIF, pink altered siltstone or fine-grained intrusive, fragments. Pink granular matrix of quartz-KF-CB + fine-grained and coarse blebs of specular hematite.

Sample No. UTM : 7188 910 N Type : Grab Alteration : wKF Au Ag Co Cu Pb Zn
 546528 555 910 E Strike Length Exp. : 20 m Metallics : 2%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1610 m Sample Width : m Secondaries: wHE <5 <0.2 29. 22. <2 144.
 Bedding : 025 / 51 E True Width : m Host : Fine to medium-grained basalt

Comments : Fine to medium-grained volcanic possible basalt-trachyte. 70% 0.5-1mm euhedral feldspar with chlorite? hematite after mafics? as groundmass. Locally amygdaloidal.

Sample No. UTM : 7188 780 N Type : Grab Alteration : wCL, sKF Au Ag Co Cu Pb Zn
 546529 556 360 E Strike Length Exp. : m Metallics : 2%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1730 m Sample Width : m Secondaries: None <5 <0.2 23. 42. <2 22.
 Orientation: / True Width : m Host : Pink KF? altered gabbro

Comments : Strong pink coloured KF altered gabbro? 0.5-1mm clear feldspar +/- quartz crystals in a pink aphanitic KF? groundmass. Minor interstitial chlorite and specular hematite. Adjacent gabbro chlorite altered.

Sample No. UTM : 7188 740 N Type : Grab Alteration : wCB, sKF, wMS, mQZ Au Ag Co Cu Pb Zn
 546530 556 300 E Strike Length Exp. : 15 m Metallics : trBO, trCP, 2%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1700 m Sample Width : m Secondaries: wMC <5 <0.2 8. 281. <2 20.
 Orientation: / True Width : m Host : KF altered pink heterolithic breccia

Comments : Pink strongly KF altered heterolithic breccia. Mainly pink KF alt. sediments, rarely alt. gabbro & grey-purple shale frags. Generally poorly mineralized, but local <1m across sections of 1-2% CP & BO. Sample random chip over 4x4m area; may be cobaltite?

Sample No. UTM : 7188 580 N Type : Grab Alteration : CL, wKF, wQZ Au Ag Co Cu Pb Zn
 546531 556 390 E Strike Length Exp. : 4 m Metallics : 4%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: 1680 m Sample Width : m Secondaries: wMC <5 <0.2 31. 235. <2 36.
 Orientation: / True Width : m Host : Purple mudstone breccia

Comments : Purple mudstone breccia, weakly silicified or KF altered, 3-5% finely disseminated specular hematite. Minor malachite stain, no malachite stain on adjacent outcrops.

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Sample No.	UTM :	7188 940 N	Type :	Float	Alteration :	mCB, wCL, mDO, sKF, sQZ	Au	Ag	Co	Cu	Pb	Zn
		554 260 E	Strike Length Exp. :	m	Metallics :	0.2%CP, 5%HS, 1%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546532	Elevation:	1230 m	Sample Width :	m	Secondaries:	None	<5	<0.2	9.	34.	4.	20.
	Orientation:	/	True Width :	m	Host :	Pink heterolithic hematite breccia						

Comments : Pink KF & quartz? altered breccia with 0.5-3cm altered sediments of pink siltstone & mudstone; matrix of dolomite/CB, fine-grained hematite, quartz, KF? +/- chlorite. Also quartz fragments. Sub outcrop? Trace chalcopyrite with pink fragments.

Sample No.	UTM :	7188 810 N	Type :	Float	Alteration :	sCB, wCL, sDO, mKF, mQZ	Au	Ag	Co	Cu	Pb	Zn
		554 240 E	Strike Length Exp. :	m	Metallics :	1%CP, 1%HS, 1%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546533	Elevation:	1260 m	Sample Width :	m	Secondaries:	None	<5	<0.2	7.	114.	2.	22.
	Orientation:	/	True Width :	m	Host :	Pink KF altered? heterolithic breccia						

Comments : Pink KF altered heterolithic breccia. Specular hematite, poor, carbonate-rich matrix; mainly pink KF altered and dark chlorite-rich fragments (<3cm). Chalcopyrite is spotty & associated with sparry CB veins. Minor part of poorly exposed talus.

Sample No.	UTM :	7188 610 N	Type :	Float	Alteration :	sCB, mQZ	Au	Ag	Co	Cu	Pb	Zn
		556 720 E	Strike Length Exp. :	m	Metallics :	1-3%CP, HS, ?CC	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
547352	Elevation:	3900 m	Sample Width :	m	Secondaries:	wCC, mMC	15	2.4	62	3530	<2	46
	Orientation:	/	True Width :	m	Host :							

Comments : Composite of chips from 3 float pieces with abundant malachite stain. Sample taken at No. 1 Posts from Monster 3 and 4 claims.

APPENDIX E

CERTIFICATES OF ANALYSIS



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER
 Comments:

Page Number : 1-A
 Total Pages : 2
 Certificate Date: 08-AUG-93
 Invoice No. : 19317922
 P.O. Number : JR93-01
 Account : EIA

CERTIFICATE OF ANALYSIS A9317922

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
485019	205 274	70	0.2	4.76	360	< 0.5	< 2	1.59	< 0.5	8	168	>10000	13.60	3.26	1.62
485020	205 274	45	0.6	4.74	2260	< 0.5	< 2	3.80	< 0.5	20	232	3510	2.41	3.25	2.64
485021	205 274	1040	< 0.2	3.88	390	< 0.5	< 2	7.44	< 0.5	>10000	92	153	3.53	2.63	4.44
485022	205 274	15	< 0.2	5.93	260	< 0.5	< 2	0.72	< 0.5	26	150	4570	11.40	3.90	0.97
485023	205 274	50	1.8	3.42	1320	< 0.5	< 2	6.68	1.0	343	88	5440	3.92	2.23	4.63
485024	205 274	225	0.4	3.56	380	< 0.5	< 2	8.63	< 0.5	4630	62	2610	3.74	2.46	4.70
485025	205 274	< 5	< 0.2	3.93	590	< 0.5	< 2	6.78	< 0.5	63	122	266	5.30	2.57	5.12
485026	205 274	< 5	< 0.2	7.07	650	< 0.5	< 2	2.96	< 0.5	32	215	1865	6.12	2.56	5.65
485027	205 274	< 5	0.4	4.46	4330	< 0.5	< 2	9.79	< 0.5	6	83	3900	2.90	3.10	5.98
485028	205 274	30	< 0.2	6.02	760	< 0.5	< 2	2.56	< 0.5	46	128	3540	9.00	3.78	3.03
485029	205 274	< 5	< 0.2	6.68	1380	< 0.5	< 2	3.65	< 0.5	66	114	2600	5.62	0.63	4.58
485030	205 274	< 5	0.6	0.18	1300	< 0.5	50	2.79	< 0.5	47	14	1095	1.04	0.13	1.46
485031	205 274	< 5	< 0.2	5.99	1600	< 0.5	< 2	1.23	< 0.5	18	206	1185	3.79	2.69	2.01
485032	205 274	< 5	< 0.2	6.17	960	< 0.5	< 2	1.60	< 0.5	370	160	2540	7.65	4.40	3.17
485033	205 274	< 5	2.0	6.13	2680	< 0.5	< 2	1.50	< 0.5	63	87	8540	8.02	4.31	2.90
485034	205 274	< 5	2.4	5.86	810	< 0.5	< 2	2.93	< 0.5	55	78	>10000	6.64	5.38	2.64
485035	205 274	< 5	0.2	5.56	710	< 0.5	< 2	1.24	< 0.5	266	91	7800	8.78	2.54	2.83
485036	205 274	< 5	< 0.2	6.46	710	< 0.5	< 2	2.71	< 0.5	29	130	3320	8.01	4.98	1.84
485037	205 274	< 5	0.4	4.18	3430	< 0.5	< 2	5.93	< 0.5	30	96	1995	4.64	0.16	4.49
485038	205 274	20	0.2	5.33	2150	< 0.5	< 2	4.74	< 0.5	16	108	2850	6.75	3.52	3.15
509173	205 274	< 5	0.4	7.99	1800	< 0.5	8	2.49	< 0.5	4	107	1005	0.93	10.25	1.21
509174	205 274	< 5	< 0.2	5.83	630	< 0.5	< 2	3.90	< 0.5	17	130	365	5.89	6.14	2.30
509175	205 274	5	< 0.2	6.37	780	< 0.5	< 2	5.49	< 0.5	9	144	1635	4.09	6.41	2.98
509176	205 274	< 5	< 0.2	6.73	660	1.5	< 2	4.27	< 0.5	9	118	1620	4.95	5.69	2.39
509177	205 274	15	< 0.2	6.54	580	0.5	< 2	3.45	< 0.5	9	138	136	3.94	6.39	1.97
509178	205 274	< 5	< 0.2	7.74	770	1.0	< 2	1.83	< 0.5	25	80	162	8.88	3.35	3.48
509179	205 274	< 5	< 0.2	0.92	80	< 0.5	< 2	12.45	< 0.5	4	111	5410	3.00	0.65	6.02
509180	205 274	< 5	< 0.2	0.20	40	< 0.5	< 2	6.15	< 0.5	8	208	2040	2.78	0.10	2.94
509181	205 274	< 5	< 0.2	6.44	300	2.0	< 2	1.03	< 0.5	49	140	2280	9.07	1.13	3.96
509182	205 274	< 5	< 0.2	6.72	420	2.0	< 2	4.23	< 0.5	6	155	2350	6.71	4.17	2.73
509183	205 274	< 5	< 0.2	5.62	1760	3.0	< 2	3.61	< 0.5	25	132	2490	7.50	3.07	3.05
509184	205 274	30	0.4	5.91	360	< 0.5	< 2	3.05	< 0.5	28	124	7360	8.01	3.89	1.91
509185	205 274	160	< 0.2	3.66	1530	< 0.5	< 2	0.93	< 0.5	24	92	>10000	12.00	2.22	0.45
509186	205 274	< 5	< 0.2	4.46	510	< 0.5	< 2	5.99	< 0.5	< 1	180	213	2.00	4.57	3.25
509187	205 274	< 5	< 0.2	6.37	640	0.5	2	3.32	< 0.5	15	131	2180	6.27	5.51	2.27
509188	205 274	< 5	< 0.2	7.04	620	< 0.5	< 2	3.83	< 0.5	19	112	1985	1.92	7.96	1.80
509189	205 274	< 5	< 0.2	5.68	2250	1.5	< 2	4.83	< 0.5	25	124	2750	8.57	3.24	2.89
509190	205 274	< 5	< 0.2	6.29	410	< 0.5	< 2	2.53	< 0.5	27	102	2290	6.90	4.41	2.27
509191	205 274	< 5	< 0.2	4.63	400	< 0.5	< 2	4.36	< 0.5	6	147	170	3.34	3.79	2.63
509192	205 274	< 5	0.2	7.18	3500	0.5	< 2	3.35	< 0.5	41	117	1455	3.57	6.56	2.11

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER
 Comments:

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 P.O. Number : JR93-01
 Account : EIA

CERTIFICATE OF ANALYSIS A9317922

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
485019	205 274	730	72	0.13	23	280	< 2	14	0.20	79	10	22			
485020	205 274	1665	1	0.17	22	440	< 2	48	0.17	48	< 10	20			
485021	205 274	3480	3	0.11	470	400	< 2	19	0.10	61	30	22			
485022	205 274	470	15	0.13	19	470	< 2	12	0.24	77	< 10	20			
485023	205 274	2800	2	0.11	47	190	18	19	0.09	67	< 10	1050			
485024	205 274	3980	1	0.07	92	370	2	21	0.11	53	10	24			
485025	205 274	3820	2	0.54	44	160	< 2	43	0.33	175	< 10	88			
485026	205 274	2930	3	1.34	76	320	< 2	37	0.73	278	< 10	246			
485027	205 274	2670	< 1	0.16	44	550	16	82	0.20	66	< 10	42			
485028	205 274	2200	3	0.41	42	490	< 2	12	0.81	294	< 10	56			
485029	205 274	2760	1	3.21	36	470	< 2	79	0.27	111	< 10	74			
485030	205 274	1210	< 1	0.06	64	110	2	1185	< 0.01	23	< 10	26			
485031	205 274	765	1	0.33	39	480	< 2	27	0.24	65	< 10	32			
485032	205 274	1770	2	0.18	52	770	< 2	14	1.29	361	< 10	92			
485033	205 274	2580	3	0.16	35	570	< 2	19	0.59	245	< 10	98			
485034	205 274	2110	7	0.18	34	450	< 2	13	0.70	215	< 10	50			
485035	205 274	1850	1	0.37	22	1690	< 2	12	0.70	99	< 10	92			
485036	205 274	815	2	0.15	33	660	< 2	18	0.31	90	< 10	30			
485037	205 274	3370	2	1.97	29	420	< 2	90	0.17	72	< 10	42			
485038	205 274	2290	20	0.15	26	500	< 2	38	0.23	86	< 10	48			
509173	205 274	910	1	0.22	2	710	2	36	0.28	58	< 10	8			
509174	205 274	1970	2	0.17	16	720	< 2	22	0.20	108	< 10	22			
509175	205 274	2090	1	0.24	19	1390	< 2	19	0.42	183	< 10	26			
509176	205 274	1510	< 1	0.21	15	700	< 2	26	0.27	84	< 10	22			
509177	205 274	1545	3	0.18	16	780	< 2	21	0.24	78	10	26			
509178	205 274	595	2	1.28	37	890	< 2	82	1.45	443	< 10	170			
509179	205 274	7040	3	0.04	6	70	< 2	35	0.04	29	< 10	20			
509180	205 274	2690	19	0.03	6	20	< 2	20	0.01	18	< 10	20			
509181	205 274	1000	4	1.36	88	600	< 2	38	0.56	247	< 10	54			
509182	205 274	2180	7	0.18	20	680	< 2	29	0.29	100	< 10	24			
509183	205 274	1320	8	0.14	39	580	< 2	237	0.24	92	< 10	42			
509184	205 274	2080	11	0.16	22	420	4	23	0.23	78	< 10	26			
509185	205 274	365	9	0.06	10	490	< 2	20	0.09	32	< 10	12			
509186	205 274	1975	1	0.14	6	620	2	26	0.18	44	< 10	22			
509187	205 274	1110	1	0.19	22	640	2	26	0.27	94	< 10	28			
509188	205 274	1155	< 1	0.22	8	650	< 2	30	0.25	69	< 10	14			
509189	205 274	4400	7	0.14	29	570	< 2	183	0.25	89	< 10	38			
509190	205 274	895	2	0.19	30	610	4	21	0.30	95	< 10	86			
509191	205 274	2310	< 1	0.14	9	690	< 2	23	0.30	60	< 10	22			
509192	205 274	1045	< 1	0.20	16	710	< 2	34	0.28	102	< 10	22			

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : MONSTER
Comments:

Page Number : 2-A
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Invoice No. : 19317922
P.O. Number : JR93-01
Account : EIA

CERTIFICATE OF ANALYSIS A9317922

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
546518	205 274	< 5	< 0.2	6.04	580	0.5	< 2	4.37	< 0.5	1	78	224	3.52	7.65	2.22
546519	205 274	< 5	< 0.2	6.71	320	1.5	< 2	3.42	< 0.5	12	122	81	4.04	3.20	3.22
546520	205 274	< 5	0.2	6.64	1880	< 0.5	6	4.36	< 0.5	28	99	1125	1.78	7.32	2.29
546521	205 274	< 5	0.2	6.34	880	< 0.5	< 2	1.01	< 0.5	4	130	8	5.65	6.99	1.52
546522	205 274	< 5	0.2	6.03	720	2.0	< 2	2.05	< 0.5	3	142	46	4.28	5.77	2.10
546523	205 274	< 5	0.4	7.21	930	0.5	< 2	3.57	< 0.5	201	114	2300	2.44	9.16	1.74
546524	205 274	< 5	< 0.2	6.84	740	0.5	2	1.07	< 0.5	20	107	123	6.56	6.54	1.33
546525	205 274	< 5	< 0.2	5.60	580	2.5	< 2	3.24	< 0.5	23	116	781	5.71	3.38	2.18
546526	205 274	< 5	< 0.2	5.30	1730	0.5	< 2	6.53	< 0.5	9	92	27	5.55	6.00	4.36
546527	205 274	< 5	< 0.2	5.88	590	1.0	< 2	5.82	< 0.5	2	86	135	3.11	4.62	3.67
546528	205 274	< 5	< 0.2	8.88	550	1.0	< 2	0.84	< 0.5	29	131	22	7.82	2.26	3.34
546529	205 274	< 5	< 0.2	6.25	2370	< 0.5	2	1.38	< 0.5	23	77	42	4.96	6.48	1.29
546530	205 274	< 5	< 0.2	6.03	670	< 0.5	< 2	3.71	< 0.5	8	88	281	2.85	6.71	2.17
546531	205 274	< 5	< 0.2	7.18	670	2.0	< 2	1.34	< 0.5	31	127	235	5.07	5.29	2.06
546532	205 274	< 5	< 0.2	7.13	540	< 0.5	< 2	3.78	< 0.5	9	102	34	4.28	7.85	1.97
546533	205 274	< 5	< 0.2	6.09	600	< 0.5	< 2	4.72	< 0.5	7	132	114	2.10	6.47	2.34

CERTIFICATION: *Hart Buchler*



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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER
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CERTIFICATE OF ANALYSIS A9317922

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
546518	205 274	1570	3	0.19	4	640	< 2	27	0.20	64	10	20			
546519	205 274	1330	1	1.88	33	730	< 2	43	0.24	80	< 10	48			
546520	205 274	1065	1	0.23	19	500	2	24	0.62	272	< 10	28			
546521	205 274	505	1	0.17	19	680	< 2	16	0.28	70	< 10	24			
546522	205 274	1090	1	0.18	18	610	< 2	23	0.26	63	< 10	26			
546523	205 274	1220	3	0.27	6	680	6	25	0.29	58	< 10	26			
546524	205 274	680	4	0.22	26	680	< 2	14	0.31	100	< 10	28			
546525	205 274	2050	3	0.16	15	510	< 2	18	0.24	75	< 10	18			
546526	205 274	2810	2	0.22	18	770	8	33	0.19	57	< 10	50			
546527	205 274	2870	1	0.16	13	660	< 2	30	0.27	70	< 10	22			
546528	205 274	2140	2	2.49	71	430	< 2	89	0.76	343	10	144			
546529	205 274	675	< 1	0.18	8	2300	< 2	20	0.74	34	< 10	22			
546530	205 274	1700	2	0.20	12	650	< 2	24	0.35	122	10	20			
546531	205 274	900	2	0.19	39	670	< 2	17	0.30	98	10	36			
546532	205 274	1355	1	0.27	7	750	4	23	0.28	88	< 10	20			
546533	205 274	1510	1	0.21	13	600	2	24	0.26	67	< 10	22			

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 VANCOUVER, BC
 V6B 1N2

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CERTIFICATE OF ANALYSIS	A9319813
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SAMPLE	PREP CODE	U	NAA	ppm								
485019	244	--		5.8								
485020	244	--		4.8								
485021	244	--		5.8								
485022	244	--		7.2								
485023	244	--		4.0								
485024	244	--		6.2								
485025	244	--		1.6								
485026	244	--		2.6								
485027	244	--		7.4								
485028	244	--		2.8								
485029	244	--		3.8								
485030	244	--		0.6								
485031	244	--		3.4								
485032	244	--		4.8								
485033	244	--		7.0								
485034	244	--		5.0								
485035	244	--		6.0								
485036	244	--		3.8								
485037	244	--		3.0								
485038	244	--		4.0								
509173	244	--		6.4								
509174	244	--		2.4								
509175	244	--		3.6								
509176	244	--		3.6								
509177	244	--		3.4								
509178	244	--		1.0								
509179	244	--		1.4								
509180	244	--		0.8								
509181	244	--		2.8								
509182	244	--		5.2								
509183	244	--		5.0								
509184	244	--		2.6								
509185	244	--		9.6								
509186	244	--		2.8								
509187	244	--		4.4								
509188	244	--		4.4								
509189	244	--		5.4								
509190	244	--		5.0								
509191	244	--		4.8								
509192	244	--		5.0								

CERTIFICATION: _____



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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE	U NAA ppm									
546518	244 --	4.8									
546519	244 --	3.0									
546520	244 --	5.0									
546521	244 --	2.6									
546522	244 --	3.2									
546523	244 --	7.8									
546524	244 --	3.6									
546525	244 --	2.8									
546526	244 --	4.8									
546527	244 --	2.8									
546528	244 --	1.4									
546529	244 --	4.4									
546530	244 --	2.8									
546531	244 --	4.0									
546532	244 --	3.6									
546533	244 --	3.4									
CL 4900 0000M	244 --	3.6									
CL 4900 0050M	244 --	4.6									
CL 4900 0100M	244 --	5.0									
CL 4900 0150M	244 --	5.0									
CL 4900 0200M	244 --	5.6									
CL 4900 0250M	244 --	4.2									
CL 4900 0300M	244 --	4.4									
CL 4900 0350M	244 --	4.8									
CL 4900 0400M	244 --	6.2									
CL 4900 0450M	244 --	5.6									
CL 4900 0500M	244 --	5.6									
CL 4900 0550M	244 --	2.8									
CL 4900 0600M	244 --	4.0									
CL 4900 0650M	244 --	5.0									
CL 4900 0700M	244 --	4.8									
CL 4900 0750M	244 --	5.0									
CL 4900 0800M	244 --	3.6									
CL 4900 0850M	244 --	4.6									
CL 4900 0900M	244 --	4.2									
CL 4900 0950M	244 --	3.8									
CL 4900 1000M	244 --	5.2									
CL 4900 1050M	244 --	4.8									
CL 4900 1100M	244 --	6.0									
CL 4900 1150M	244 --	4.0									

CERTIFICATION: _____



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CERTIFICATE OF ANALYSIS

A9319813

SAMPLE	PREP CODE	U NAA ppm									
CL 4900 1200M	244 --	4.2									
CL 4900 1250M	244 --	3.8									
CL 5200 000M	244 --	4.4									
CL 5200 050M	244 --	4.8									
CL 5200 100M	244 --	4.2									
CL 5200 150M	244 --	3.0									
CL 5200 200M	244 --	3.8									
CL 5200 250M	244 --	4.0									
CL 5200 300M	244 --	5.0									
CL 5200 350M	244 --	3.6									
CL 5200 400M	244 --	4.4									
CL 5200 450M	244 --	18.6									
CL 5200 500M	244 --	8.4									
CL 5200 550M	244 --	7.2									
CL 5200 600M	244 --	4.6									
CL 5200 650M	244 --	5.0									
CL 5200 700M	244 --	4.8									
CL 5200 750M	244 --	5.0									
CL 5200 800M	244 --	5.2									
352	244 --	4.8									
756	244 --	16.2									

CERTIFICATION: _____



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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : MONSTER
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P.O. Number : JR93-01
Account : EIA

CERTIFICATE OF ANALYSIS

A9318726

SAMPLE	PREP CODE	Cu %	Co %							
485019	244 --	1.00	-----							
485021	244 --	-----	1.870							
485034	244 --	1.30	-----							
509185	244 --	1.70	-----							

CERTIFICATION: Said Zeinab



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 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

A9317920

Comments:

CERTIFICATE

A9317920

EQUITY ENGINEERING LTD.

Project: MONSTER
 P.O. #: JR93-01

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 8-AUG-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	43	Dry, sieve to -80 mesh
285	43	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	43	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	43	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	43	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	43	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	43	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	43	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	43	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	43	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	43	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	43	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	43	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	43	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	43	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	43	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	43	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	43	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	43	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	43	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	43	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	43	Pb ppm: 24 element, rock & core	AAS	2	10000
582	43	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	43	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	43	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	43	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	43	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



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 VANCOUVER, BC
 V6B 1N2

Project: MONSTER
 Comments:

Page Number: 1-A
 Total Pages: 2
 Certificate Date: 08-AUG-93
 Invoice No.: 19317920
 P.O. Number: JR93-01
 Account: EIA

CERTIFICATE OF ANALYSIS A9317920

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CL 4900 0000M	201 285	< 5	< 0.2	5.43	2730	1.0	6	1.24	< 0.5	24	78	619	5.43	3.09	0.85
CL 4900 0050M	201 285	< 5	< 0.2	7.58	1060	3.0	< 2	1.06	< 0.5	16	128	119	4.98	2.81	1.03
CL 4900 0100M	201 285	< 5	< 0.2	6.98	1710	3.0	< 2	0.98	< 0.5	9	85	375	5.01	2.89	0.97
CL 4900 0150M	201 285	< 5	< 0.2	4.84	1470	1.5	4	1.34	< 0.5	18	74	585	5.02	2.38	0.86
CL 4900 0200M	201 285	< 5	< 0.2	7.27	2160	0.5	4	0.91	< 0.5	24	101	990	6.49	3.88	1.16
CL 4900 0250M	201 285	25	< 0.2	4.78	2700	1.0	4	1.39	< 0.5	26	109	576	4.99	2.37	0.81
CL 4900 0300M	201 285	< 5	< 0.2	5.90	1090	2.0	< 2	1.19	< 0.5	32	276	2750	7.23	2.48	1.30
CL 4900 0350M	201 285	< 5	< 0.2	5.93	1080	1.0	< 2	1.18	< 0.5	41	98	742	5.21	2.52	1.09
CL 4900 0400M	201 285	< 5	< 0.2	5.87	1730	< 0.5	< 2	1.32	< 0.5	173	98	2150	7.44	3.21	1.20
CL 4900 0450M	201 285	< 5	0.6	6.13	1080	1.0	< 2	1.06	0.5	188	350	4000	5.84	2.98	1.32
CL 4900 0500M	201 285	< 5	< 0.2	5.64	1650	1.0	< 2	1.50	< 0.5	33	115	869	5.64	2.67	1.21
CL 4900 0550M	201 285	< 5	< 0.2	3.52	1050	< 0.5	< 2	2.83	1.0	32	62	389	6.36	1.28	1.61
CL 4900 0600M	201 285	< 5	0.4	4.66	800	1.5	6	3.59	0.5	27	118	1650	5.55	1.90	2.35
CL 4900 0650M	201 285	< 5	< 0.2	6.11	770	0.5	2	0.31	< 0.5	18	178	176	4.90	3.04	0.85
CL 4900 0700M	201 285	< 5	< 0.2	5.44	1280	< 0.5	8	0.92	< 0.5	27	79	414	5.70	2.04	1.05
CL 4900 0750M	201 285	< 5	< 0.2	5.04	1080	< 0.5	6	1.33	< 0.5	49	85	575	6.14	2.05	1.11
CL 4900 0800M	201 285	< 5	< 0.2	5.30	910	< 0.5	6	1.32	< 0.5	13	82	62	4.75	2.83	0.82
CL 4900 0850M	201 285	< 5	< 0.2	6.44	1070	< 0.5	4	0.98	< 0.5	29	88	206	5.04	3.35	0.97
CL 4900 0900M	201 285	< 5	< 0.2	5.82	1990	0.5	< 2	2.90	0.5	35	371	329	6.11	2.87	2.51
CL 4900 0950M	201 285	< 5	< 0.2	5.82	1620	0.5	2	1.16	< 0.5	17	81	144	4.72	2.72	0.99
CL 4900 1000M	201 285	< 5	< 0.2	5.94	1050	0.5	< 2	1.13	< 0.5	44	94	429	5.43	3.09	1.07
CL 4900 1050M	201 285	< 5	< 0.2	6.30	850	3.0	< 2	1.18	< 0.5	18	83	168	5.18	3.51	1.34
CL 4900 1100M	201 285	15	< 0.2	4.81	740	1.5	2	1.34	< 0.5	26	73	263	4.69	1.81	0.93
CL 4900 1150M	201 285	< 5	< 0.2	5.06	690	1.0	2	1.37	< 0.5	15	82	158	4.39	2.85	1.11
CL 4900 1200M	201 285	< 5	< 0.2	5.64	810	1.5	< 2	1.18	< 0.5	18	82	93	4.69	3.01	1.46
CL 4900 1250M	201 285	< 5	< 0.2	6.23	1870	1.0	< 2	2.48	< 0.5	31	81	306	4.70	4.80	2.33
CL 5200 000M	201 285	< 5	< 0.2	7.06	970	2.5	< 2	1.90	< 0.5	53	92	815	6.75	4.26	1.75
CL 5200 050M	201 285	< 5	< 0.2	5.72	1670	2.0	< 2	1.38	< 0.5	37	80	173	11.35	2.28	1.64
CL 5200 100M	201 285	< 5	< 0.2	7.63	1470	1.5	< 2	0.37	< 0.5	19	119	161	5.84	4.41	1.24
CL 5200 150M	201 285	< 5	< 0.2	4.97	2000	2.0	< 2	1.34	< 0.5	42	81	181	6.51	2.69	1.83
CL 5200 200M	201 285	< 5	< 0.2	6.67	1820	1.0	< 2	0.51	< 0.5	52	112	769	8.71	4.07	2.34
CL 5200 250M	201 285	< 5	< 0.2	7.01	1420	3.0	< 2	0.64	< 0.5	38	97	421	7.12	4.64	1.70
CL 5200 300M	201 285	10	< 0.2	6.72	1780	< 0.5	< 2	0.83	< 0.5	141	72	913	7.07	3.70	1.74
CL 5200 350M	201 285	< 5	< 0.2	5.95	1520	1.5	< 2	4.23	< 0.5	36	94	284	5.83	3.80	3.46
CL 5200 400M	201 285	< 5	< 0.2	5.92	1180	1.0	2	1.37	< 0.5	32	84	276	5.53	3.27	1.15
CL 5200 450M	201 285	< 5	< 0.2	5.71	830	1.5	2	0.97	< 0.5	105	84	642	5.89	1.92	0.94
CL 5200 500M	201 285	< 5	0.6	6.97	1110	2.0	4	0.83	< 0.5	58	82	364	5.92	3.14	1.21
CL 5200 550M	201 285	< 5	0.4	5.57	1600	< 0.5	2	1.27	< 0.5	54	88	2400	6.28	2.89	1.08
CL 5200 600M	201 285	< 5	< 0.2	4.80	3180	0.5	< 2	4.45	< 0.5	38	70	609	6.58	2.65	3.00
CL 5200 650M	201 285	< 5	< 0.2	6.55	1600	< 0.5	2	1.04	< 0.5	22	88	289	5.30	2.87	1.07

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER
 Comments:

Page Number : 1-B
 Total Pages : 2
 Certificate Date : 08-AUG-93
 Invoice No. : 19317920
 P.O. Number : JR93-01
 Account : EIA

CERTIFICATE OF ANALYSIS A9317920

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CL 4900 0000M	201 285	5130	2	0.27	22	1120	22	42	0.25	85	< 10	88			
CL 4900 0050M	201 285	2590	3	1.06	26	1330	20	175	0.31	97	< 10	98			
CL 4900 0100M	201 285	1795	2	0.69	19	1330	12	112	0.32	97	< 10	70			
CL 4900 0150M	201 285	5770	2	0.39	25	1190	8	56	0.23	75	< 10	52			
CL 4900 0200M	201 285	5550	6	0.40	32	1190	10	55	0.32	105	< 10	60			
CL 4900 0250M	201 285	6640	3	0.42	28	1890	24	79	0.24	100	< 10	66			
CL 4900 0300M	201 285	7620	6	0.68	64	1160	18	95	0.35	137	< 10	102			
CL 4900 0350M	201 285	4780	3	0.62	42	1310	22	88	0.46	192	< 10	86			
CL 4900 0400M	201 285	9360	10	0.46	44	1720	112	67	0.34	145	< 10	180			
CL 4900 0450M	201 285	5390	6	0.51	63	1220	530	70	0.30	146	< 10	516			
CL 4900 0500M	201 285	5560	4	0.39	38	1570	296	56	0.25	106	< 10	418			
CL 4900 0550M	201 285	>10000	5	0.41	26	1470	174	58	0.14	73	< 10	416			
CL 4900 0600M	201 285	9080	3	0.56	41	1300	200	83	0.24	97	< 10	358			
CL 4900 0650M	201 285	2140	2	0.47	32	1110	62	60	0.35	127	< 10	156			
CL 4900 0700M	201 285	5810	3	0.70	26	1140	16	103	0.29	103	< 10	74			
CL 4900 0750M	201 285	7740	3	0.55	30	1600	20	78	0.24	107	< 10	88			
CL 4900 0800M	201 285	3920	3	0.59	15	1730	12	95	0.27	91	< 10	92			
CL 4900 0850M	201 285	3430	3	0.55	29	1270	166	76	0.30	113	< 10	86			
CL 4900 0900M	201 285	7540	4	0.51	105	1030	120	74	0.29	134	< 10	182			
CL 4900 0950M	201 285	2880	4	0.62	20	1350	16	91	0.30	97	< 10	70			
CL 4900 1000M	201 285	4240	4	0.59	33	1190	18	82	0.40	148	< 10	78			
CL 4900 1050M	201 285	5080	3	0.49	23	1220	26	73	0.33	96	< 10	80			
CL 4900 1100M	201 285	5200	3	0.67	26	1550	22	99	0.29	98	< 10	98			
CL 4900 1150M	201 285	3670	2	0.60	16	1350	8	90	0.34	112	< 10	70			
CL 4900 1200M	201 285	2980	2	0.63	23	1170	14	93	0.39	121	< 10	72			
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CL 5200 250M	201 285	3240	3	0.60	37	1060	12	57	0.87	347	< 10	98			
CL 5200 300M	201 285	4280	3	0.47	37	760	4	44	0.57	233	< 10	78			
CL 5200 350M	201 285	5040	2	0.37	40	710	42	43	0.34	164	< 10	108			
CL 5200 400M	201 285	7100	6	0.61	21	1430	8	80	0.31	98	< 10	58			
CL 5200 450M	201 285	6930	8	0.91	48	1000	124	139	0.40	125	< 10	124			
CL 5200 500M	201 285	6000	7	0.84	46	1350	160	132	0.33	125	< 10	162			
CL 5200 550M	201 285	6690	3	0.43	39	1430	152	57	0.24	96	< 10	114			
CL 5200 600M	201 285	>10000	2	0.27	29	1170	88	35	0.16	81	< 10	102			
CL 5200 650M	201 285	5060	2	0.52	29	1720	12	72	0.34	95	< 10	54			

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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Project: MONSTER

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Comments:

Num: 2-A
Total Pages: 2
Certificate Date: 08-AUG-93
Invoice No.: 19317920
P.O. Number: JR93-01
Account: EIA

CERTIFICATE OF ANALYSIS A9317920

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CL 5200 700M	201 285	< 5	< 0.2	7.32	3100	1.5	2	0.97	< 0.5	18	87	77	4.87	3.41	1.12
CL 5200 750M	201 285	< 5	< 0.2	5.39	2480	1.0	2	1.79	< 0.5	115	72	1145	5.31	2.08	1.34
CL 5200 800M	201 285	< 5	< 0.2	6.83	1120	1.0	< 2	1.38	< 0.5	50	122	291	5.86	3.13	1.59

CERTIFICATION: *Hart Bickler*



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
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Project: MONSTER
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Page Number :2-B
Total Pages :2
Certificate Date: 08-AUG-93
Invoice No. : I9317920
P.O. Number : JR93-01
Account : EIA

CERTIFICATE OF ANALYSIS

A9317920

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CL 5200 700M	201 285	4050	1	0.39	29	1510	4	62	0.36	105	< 10	40			
CL 5200 750M	201 285	6610	3	0.54	33	1990	< 2	98	0.24	96	< 10	50			
CL 5200 800M	201 285	8850	3	0.68	45	2340	4	87	0.34	153	< 10	94			

CERTIFICATION: *Hart Beckler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver

British Columbia, Canada V7J 2C1

PHONE: 604-984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.

VANCOUVER, BC

V6B 1N2

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Certificate Date: 28-JUN-93

Invoice No. : 19315810

P.O. Number : JR93-01

Account : EIA

Project: MONSTER

Comments:

CERTIFICATE OF ANALYSIS

A9315810

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
352	205	226	15	2.4	5.67	320	0.5	< 2	1.71	< 0.5	62	165	3530	11.70	2.83	2.22
756	205	226	20	1.2	6.85	520	< 0.5	< 2	1.18	< 0.5	84	87	>10000	3.47	5.96	1.58

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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 British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS	A9315810
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SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
352	205	810	3	0.16	123	1670	< 2	11	0.28	428	20	46			
756	205 226	690	3	0.82	37	510	4	24	0.20	32	20	50			

CERTIFICATION: Frank Buchler

APPENDIX F

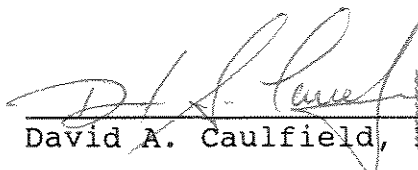
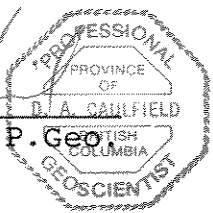
GEOLOGIST'S CERTIFICATE

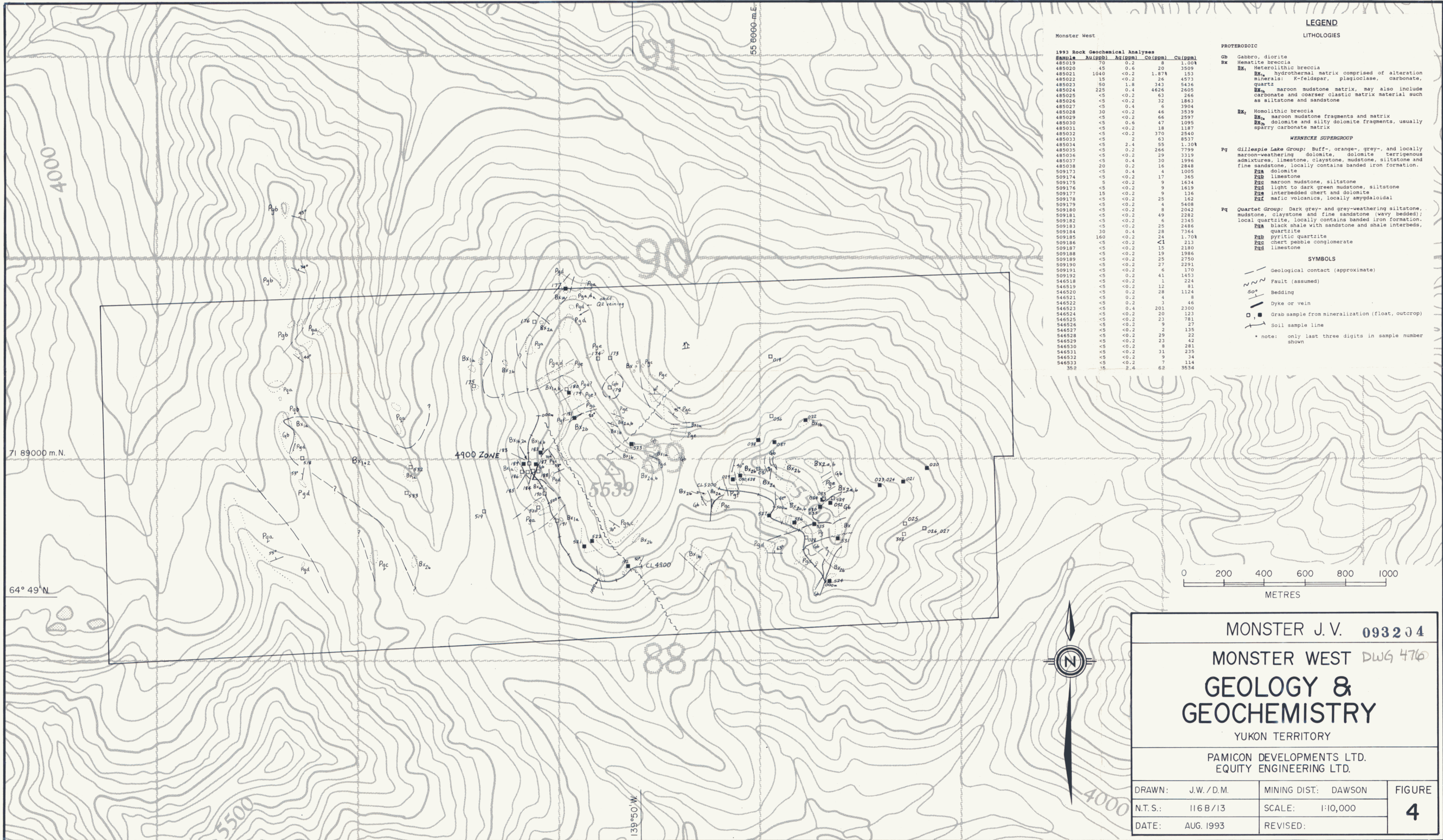
GEOLOGIST'S CERTIFICATE

I, DAVID A. CAULFIELD, of 3142 Gambier Street, Coquitlam, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology.
3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
4. THAT this report is based on fieldwork carried out under my direction in July 1993, government publications and assessment reports filed with the Yukon. I have examined the property in the field.

DATED at Vancouver, British Columbia, this 11th day of March, 1993.4


David A. Caulfield, P. Geom.




1993 Rock Geochemical Analyses

Sample	Au(ppm)	Ag(ppm)	Co(ppm)	Cu(ppm)
485019	70	0.2	8	1.004
485020	45	0.6	20	3509
485021	1040	<0.2	1.874	153
485022	15	<0.2	26	4573
485023	50	1.8	343	5436
485024	225	0.4	4626	2605
485025	<5	<0.2	63	266
485026	<5	<0.2	32	1863
485027	<5	0.4	6	3904
485028	30	<0.2	46	3539
485029	<5	<0.2	66	2597
485030	<5	0.6	47	1095
485031	<5	<0.2	18	1187
485032	<5	<0.2	370	2540
485033	<5	2	63	8537
485034	<5	2.4	55	1.304
485035	<5	2.2	266	7799
485036	<5	<0.2	29	3319
485037	<5	0.4	30	1996
485038	20	0.2	16	2848
509173	<5	0.4	4	1005
509174	<5	<0.2	17	365
509175	5	<0.2	9	1634
509176	<5	<0.2	9	1619
509177	15	<0.2	9	136
509178	<5	<0.2	25	162
509179	<5	<0.2	4	5408
509180	<5	<0.2	8	2042
509181	<5	<0.2	49	2282
509182	<5	<0.2	6	2345
509183	<5	<0.2	25	2486
509184	30	0.4	28	7364
509185	160	<0.2	24	1.704
509186	<5	<0.2	<1	213
509187	<5	<0.2	15	2180
509188	<5	<0.2	19	1986
509189	<5	<0.2	25	2750
509190	<5	<0.2	27	2291
509191	<5	<0.2	6	170
509192	<5	0.2	41	1453
546518	<5	<0.2	1	224
546519	<5	<0.2	12	81
546520	<5	<0.2	28	1124
546521	<5	0.2	4	8
546522	<5	0.2	3	46
546523	<5	0.4	201	2300
546524	<5	<0.2	20	133
546525	<5	<0.2	23	781
546526	<5	<0.2	9	27
546527	<5	<0.2	2	135
546528	<5	<0.2	29	22
546529	<5	<0.2	23	42
546530	<5	<0.2	8	281
546531	<5	<0.2	31	235
546532	<5	<0.2	9	34
546533	<5	<0.2	7	114
352	15	2.4	62	3534

- LEGEND**
- LITHOLOGIES**
- PROTEROZOIC**
- Gb Gabbro, diorite
 - Bx Hematite breccia
 - Bx1 Heterolithic breccia
 - Bx2 Hydrothermal matrix comprised of alteration minerals: K-feldspar, plagioclase, carbonate, quartz
 - Bx3 maroon mudstone matrix, may also include carbonate and coarse clastic matrix material such as siltstone and sandstone
 - Bx4 Homolithic breccia
 - Bx4a maroon mudstone fragments and matrix
 - Bx4b dolomite and silty dolomite fragments, usually sparry carbonate matrix
- WERNECKE SUPERGROUP**
- Pg Gillespie Lake Group: Buff-, orange-, grey-, and locally maroon-weathering dolomite, dolomite terrigenous admixtures, limestone, claystone, mudstone, siltstone and fine sandstone, locally contains banded iron formation.
 - Pga dolomite
 - Pgb limestone
 - Pgc maroon mudstone, siltstone
 - Pgd light to dark green mudstone, siltstone
 - Pge interbedded chert and dolomite
 - Pgf mafic volcanics, locally amygdaloidal
 - Pq Quartet Group: Dark grey- and grey-weathering siltstone, mudstone, claystone and fine sandstone (wavy bedded); local quartzite, locally contains banded iron formation.
 - Pqa black shale with sandstone and shale interbeds, quartzite
 - Pqb pyritic quartzite
 - Pqc chert pebble conglomerate
 - Pqd limestone
- SYMBOLS**
- Geological contact (approximate)
 - ~ Fault (assumed)
 - 50° Bedding
 - || Dyke or vein
 - , ● Grab sample from mineralization (float, outcrop)
 - Soil sample line
- * note: only last three digits in sample number shown

MONSTER J.V. 093204

MONSTER WEST DWG 476

GEOLOGY & GEOCHEMISTRY

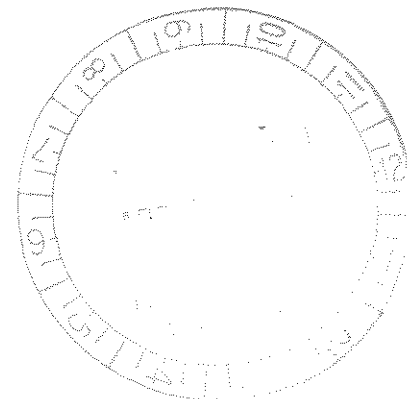
YUKON TERRITORY

PAMICON DEVELOPMENTS LTD.
EQUITY ENGINEERING LTD.

DRAWN: J.W./D.M.	MINING DIST: DAWSON	FIGURE
N.T.S.: 116B/13	SCALE: 1:10,000	4
DATE: AUG. 1993	REVISED:	

Part 2 of 2

**1993 GEOLOGICAL
REPORT
ON THE
MONSTER 41-72 CLAIMS**



Located in the Ogilvie Mountains
Dawson Mining District
NTS 116B/13
64° 51' North Latitude
139° 44' West Longitude

093204

-prepared for-
MONSTER JOINT VENTURE

-prepared by-
David A. Caulfield, P.Geo.



DATES OF WORK PERFORMED: July 11-14, 1993

DATE OF REPORT: January, 1994

1993 GEOLOGICAL REPORT ON THE MONSTER 41-72 CLAIMS

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1.0 INTRODUCTION

The Monster 41-72 claims ("Monster East property") are located in the southern Ogilvie Mountains, approximately 85 kilometres north-northwest of Dawson in west central Yukon (Figure 1). This part of the Ogilvie Mountains is cored by the Coal Creek Inlier (Lane, 1992), an oval-shaped and east-trending window of Middle and Late Proterozoic clastic and carbonate rocks that have been penetrated by mineralized breccias and cut by mafic sills and dykes. The geological setting of the southern Ogilvie Mountains is excellent for hosting Olympic Dam copper-uranium-gold-silver breccia type deposits and the Monster East property was acquired on this basis.

Geological mapping, prospecting and soil geochemical sampling were carried out over the Monster East property during July 1993. This work program was conducted jointly by Pamicon Developments Ltd. and Equity Engineering Ltd. for the Monster Joint Venture. The same companies have been retained to report on the fieldwork.

2.0 LIST OF CLAIMS

The Monster East property comprises 32 contiguous quartz mineral claims, located in the Dawson Mining District (Figure 2). Government records indicate that the following claims are owned equally by Equity Engineering Ltd. and Pamicon Developments Ltd. of Vancouver, British Columbia. Separate documents indicate that they are held under option by the Monster Joint Venture.

TABLE 2.0.1
CLAIM DATA

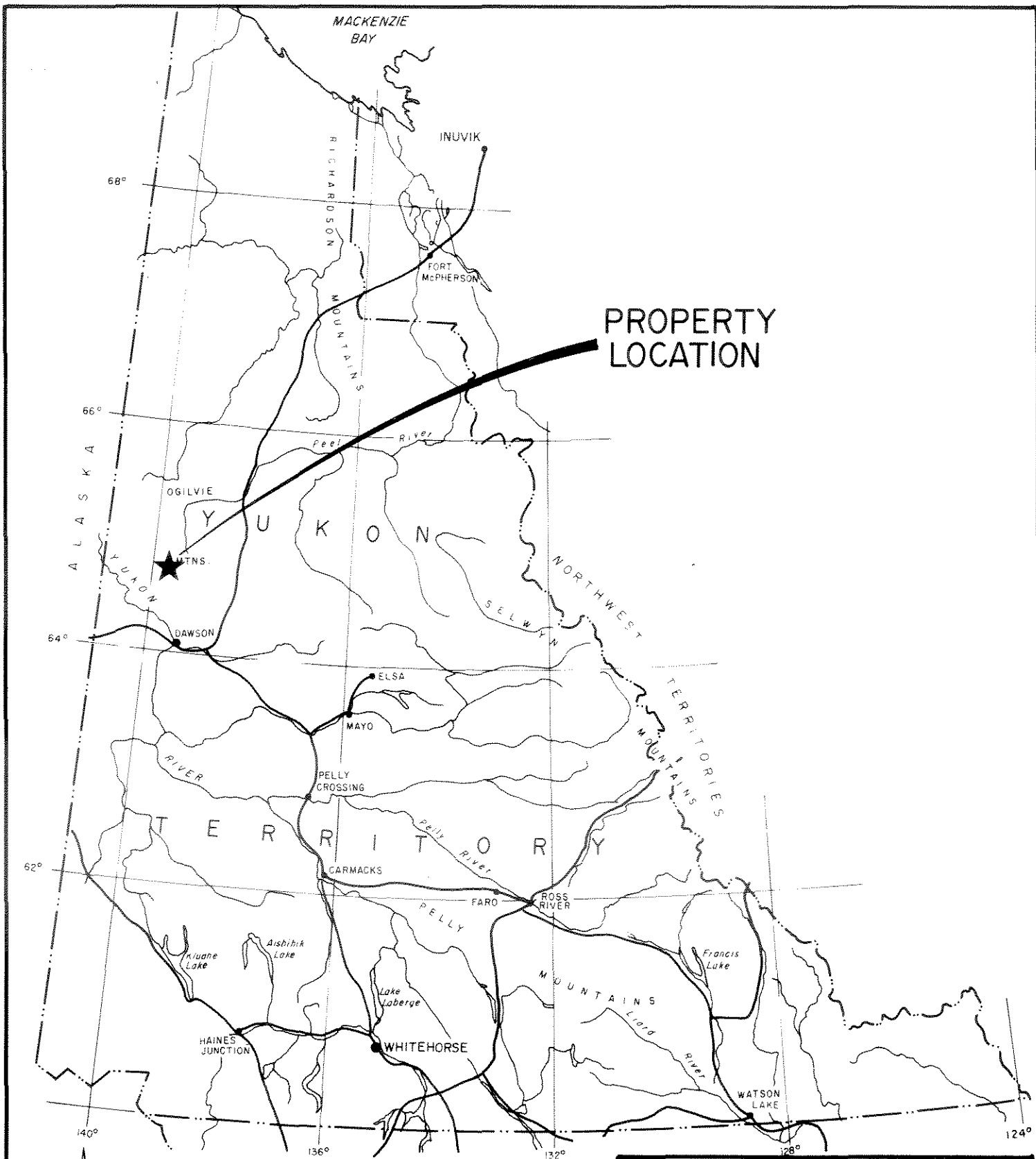
<u>Claim Name</u>	<u>Record Numbers</u>	<u>Record Date</u>	<u>Expiry Date</u>
Monster 41-72	YB42107-42138	June 8, 1993	Dec. 31, 1997*

* Subject to approval of assessment work covered by this report.

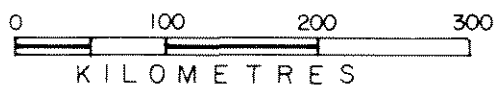
The Monster 62, 64 and 71 claims overlap pre-existing claims reducing the overall ground coverage by approximately one claim unit.

3.0 LOCATION, ACCESS AND PHYSIOGRAPHY

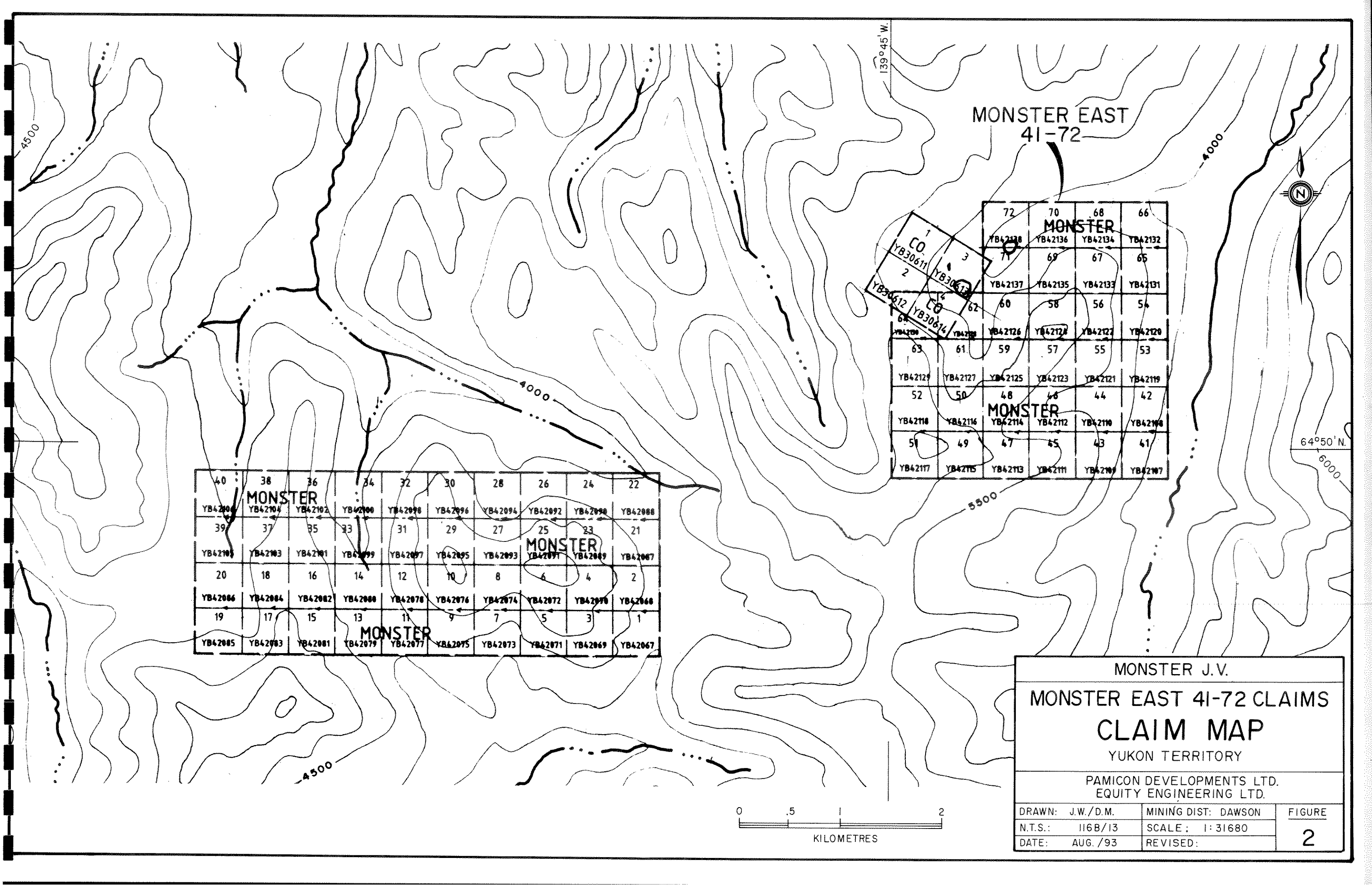
The Monster East property is located in the southern Ogilvie Mountains of west central Yukon, approximately 85 kilometres north-northwest of Dawson (Figure 1). The property is located at the headwaters of an unnamed creek which flows north into the Monster River which in turn enters the Tatonduk River near the Alaskan/Yukon border. The claims are situated in the Dawson Mining District, centered at 64° 51' north latitude and 139° 44' west



**PROPERTY
LOCATION**



MONSTER J.V.		
MONSTER EAST 41-72 LOCATION MAP		
YUKON TERRITORY		
— PAMICON DEVELOPMENTS LTD. — — EQUITY ENGINEERING LTD. —		
DRAWN :	J.W. / D.M.	MINING DIST.: DAWSON
N.T.S.:	116B / 13	SCALE: 1: 500,000
DATE:	AUG. 1993	REVISED:
		FIGURE 1

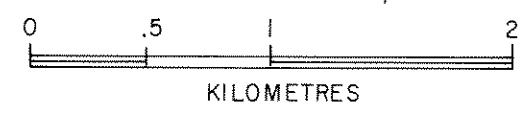


MONSTER EAST
41-72

40	38	36	34	32	30	28	26	24	22
MONSTER									
YB4204	YB4204	YB4202	YB4200	YB4208	YB4206	YB4204	YB4202	YB4200	YB4208
39	37	35	33	31	29	27	25	23	21
YB4203	YB4203	YB4201	YB4209	YB4207	YB4205	YB4203	MONSTER		YB4207
20	18	16	14	12	10	8	6	4	2
YB4206	YB4206	YB4202	YB4200	YB4208	YB4206	YB4204	YB4202	YB4200	YB4208
19	17	15	13	11	9	7	5	3	1
MONSTER									
YB4205	YB4203	YB4201	YB4209	YB4207	YB4205	YB4203	YB4201	YB4209	YB4207

1				3			
CO. YB30611				CO. YB30612			
2				4			
CO. YB30612				CO. YB30614			
6				8			
CO. YB30614				CO. YB30616			
72	70	68	66				
YB42138	YB42136	YB42134	YB42132				
71	69	67	65				
YB42137	YB42135	YB42133	YB42131				
63	61	59	57	55	53		
YB42129	YB42127	YB42125	YB42123	YB42121	YB42119		
52	50	48	46	44	42		
YB42118	YB42116	YB42114	YB42112	YB42110	YB42108		
51	49	47	45	43	41		
YB42117	YB42115	YB42113	YB42111	YB42109	YB42107		

MONSTER J.V.		
MONSTER EAST 41-72 CLAIMS		
CLAIM MAP		
YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN: J.W./D.M.	MINING DIST: DAWSON	FIGURE
N.T.S.: 116B/13	SCALE: 1:31680	2
DATE: AUG. /93	REVISED:	



longitude.

The Monster East property may be accessed by fixed wing aircraft from Dawson to an outfitter's gravel air strip on the south side of the Monster River ($64^{\circ} 55.7'N.$, $139^{\circ} 52.3'W.$). The strip is approximately 600 metres (1,980') in length at an elevation of 790 metres ASL (2,600'). From this strip, personnel and supplies would be shuttled by helicopter to the property located approximately 12 kilometres to the southeast. Dawson has scheduled air service from Whitehorse. During the 1993 field program, a fly camp was established in an east facing bowl on the east side of the claim group. Future road access to the property would come northwest from Dawson or 75 kilometres west from the Dempster Highway (#11).

The area lies in the western portion of the southern Ogilvie Mountains 50 kilometres north of the Tintina Trench. This region was unaffected by continental glaciation during the Pleistocene (Lane, 1990) resulting in rounded mountainous terrain. Elevations on the Monster East property range from 1,143 metres (3,750') in the southeast corner of the property to over 1,950 metres (6,400') on an unnamed peak in the southwest. The entire area is above tree line and is covered by alpine grasses and shrubs. Thick stands of spruce are found only in the major river valleys.

4.0 REGIONAL AND AREA MINING HISTORY

4.1 Previous Work

The most concentrated exploration work in the area was carried out in the mid to late 70's by Hudson Bay, Dynasty, Cyprus Anvil and UMEX/Shell. That work was directed primarily at carbonate-hosted Pb-Zn targets in the Gillespie Lake Group. During that same period, UMEX/Shell conducted work on the breccia-hosted ID, DAS and Lala occurrences. The 1975 and 1976 work by Umex consisted of mapping and soil geochemical surveys on both the Monster West (DAS claims) and East areas (ID claims). Results of the geochemical surveys were very encouraging, but the anomalies were never thoroughly followed up. There was no further exploration recorded in the area until the recent staking of the Monster claims and the staking by Placer Dome and Major General of the Lala occurrence some 23 km to the east.

4.2 1993 Exploration Program

During July 1993, a preliminary exploration program was carried out on the Monster East property, consisting of geological mapping, prospecting and soil geochemistry. The program was designed to determine the potential for an Olympic Dam copper-uranium-gold-silver breccia type deposit. Geological mapping was carried out on a scale of 1:10,000 (Figure 4) and 1:2,500 (Figure

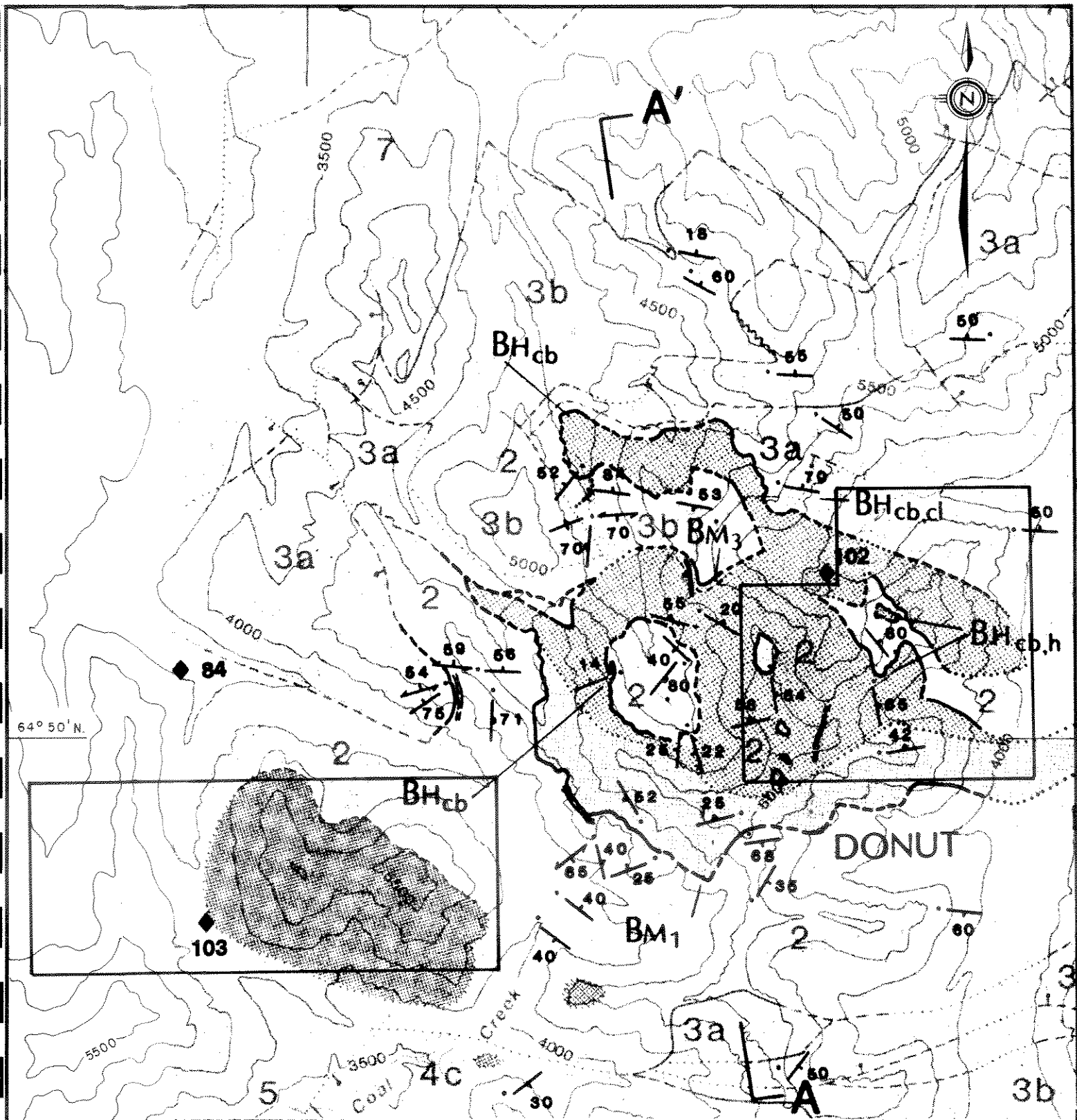
5). A total of 72 rock samples and 178 soil samples were taken (Figures 6 and 7). Lithochemical samples were taken from breccia exposures to locate areas where chalcocite may be present and to define geochemical trends within the hematite breccias and into the surrounding sedimentary rocks. Grab samples were taken from areas of visible copper mineralization. All rock samples are described in Appendix D, and analytical certificates are attached in Appendix E. Rock samples were analyzed geochemically for gold and uranium and by ICP for 24 other elements. Samples exceeding 10,000 ppm copper and cobalt were assayed. In the field, sample locations were marked by a metal tag and a combination of pink and blue flagging.

Soil samples were collected along east-west grid lines at 50 metre intervals (Figures 6 and 7). Soil samples were collected, where possible, from "B" horizon material at depths ranging from 10 to 40 cm and placed in numbered kraft envelopes. The sample site was marked in the field with plastic flagging and the sampler recorded notes pertaining to sample horizon, colour, texture, vegetation, and local physiography. Samples were partially dried in camp and then shipped to Chemex Labs of North Vancouver, B.C. for sample preparation and analysis. Analytical procedures and a complete set of results for gold and uranium and 24-elements by ICP geochemistry may be found in the appendices.

5.0 REGIONAL GEOLOGY

The Dawson 1:250,000 map sheet (116B) was reconnaissance mapped by the Geological Survey of Canada in 1961 by Roddick and Green (1962). More recently, the eastern half of the property was mapped at 1:50,000 by R. Lane as part of a graduate thesis (Lane, 1990) and later as a government map release (Lane and Godwin, 1992). The Geological Survey of Canada has re-mapped the Dawson map area at a scale of 1:50,000 and this work is scheduled for release soon.

The Middle Proterozoic stratigraphy of the Coal Creek Inlier has been correlated by Lane (1990) to that of the Wernecke Supergroup as defined by Delaney (1985) in the Wernecke Mountains, some 250 kilometres to the east. The Wernecke Supergroup is a thick succession of generally fine-grained terrigenous and carbonate rocks of Helikian age that have been penetrated by mineralized breccias and cut by mafic sills and dykes (Figure 3). The entire succession has been mapped by Lane (1990) in the Coal Creek Inlier. The Wernecke Supergroup has been divided into three groups (oldest to youngest): Fairchild Lake Group, Quartet Group and Gillespie Lake Group. The latter two groups occur in the Monster claims areas. To the north, Cambrian to Devonian carbonate and clastic units unconformably overlie the Wernecke Supergroup stratigraphy whereas the Late Proterozoic Fifteenmile Group sediments lie unconformably over it to the south.



Geology by : Lane and Godwin, 1992
 Legend on following page



139° 50' W

MONSTER J.V.		
MONSTER 1-72 CLAIMS		
REGIONAL GEOLOGY		
YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN:	J.W./D.M.	MINING DIST.: DAWSON
N.T.S.:	116 B/13	SCALE: 1:50,000
DATE:	AUG., 1993	REVISED:
		FIGURE 3

LEGEND

(to accompany Figure 3)

STRATIFIED UNITS

EARLY CAMBRIAN TO DEVONIAN

7 Pale grey dolostone

MIDDLE TO LATE PROTEROZOIC

4,5 *Fifteenmile Group*:

5 dolomitic limestone and dolostone

4c mudstone, limestone and sandstone

EARLY TO MIDDLE PROTEROZOIC

WERNECKE SUPERGROUP

3 *Gillespie Lake Group*:

3a Buff-weathering dolostone

3b Orange-weathering dolostone

2 *Quartet Group*: sandstone, mudstone and argillite

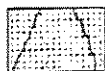
INTRUSIVES

PROTEROZOIC AND YOUNGER

Mafic dykes

OGILVIE MOUNTAIN BRECCIAS

PROTEROZOIC



Heterolithic Breccia

BH_{cb} carbonate-rich matrix breccia

BH_h hematite-rich matrix breccia

BH_{ct} chlorite-rich breccia



Homolithic Breccia

BM₁ Fairchild Lake Group fragments

BM₃ Gillespie Lake Group fragments



Unclassified Breccia

SYMBOLS

Geological contact (approximate)

Bedding (inclined, vertical)

Cleavage, foliation

Joint

The Quartet Group consists of a monotonous succession of fine-grained, interbedded sandstone to siltstone and black argillite (Lane, 1990). Minor limestone and chert pebble conglomerate were noted during the current program. The Gillespie Lake strata consists of a lower unit of orange-weathering dolostone and an upper limit unit of grey-weathering dolostone. Mafic, locally amygdaloidal, flows were mapped at the Quartet-Gillespie Lake contact.

Strata of the Wernecke Supergroup are cut by two east-west, fault-related belts of hematite breccias that are enriched in iron, copper, uranium, REE, cobalt and gold. Lane (1992) has subdivided the breccias into two main groups: homolithic (one clast type) and heterolithic (several clast types). Other breccia types including quartz-specularite breccia, intraformational breccia and rare pebble dykes were identified. Alteration minerals associated with the breccias are hematite (specular and earthy red varieties), carbonate, chlorite, silica and potassium feldspar. Fragments are normally subangular to subrounded and average 1 to 2 centimetres. Wernecke Supergroup strata are the dominant clast lithology with rare igneous, massive specular hematite and quartz fragments. The matrix of the breccia is comprised of the alteration minerals listed above and finely fragmented rock. The breccias mostly have steep discordant contacts although bodies following bedding have been mapped by Lane (1992). A number of outcrops at the Monster West suggest that the breccias were injected into soft, unconsolidated sediments. Maroon mudstone is associated with the breccia as interbeds, and as fragments and in the matrix.

The Wernecke Supergroup and breccia bodies are cut by diorite and diabase. Conversely, fragments of the mafic intrusives are also found within the breccia indicating a close genetic relationship between the two. Lane (1990) reported a lead isotope date of 0.9 Ga from mineralization in a crosscutting dyke in a breccia penetrating lower Fifteenmile Group. This remains ambiguous, since Lane did not map dykes intruding Fifteenmile Group strata. These mafic units vary from a fine-grained, amygdaloidal form to medium-to coarse-grained equigranular varieties. Lane (1990) noted that the dykes are amygdaloidal where in contact with breccia bodies. Mapping of the Monster East and West properties indicates that some of these may in fact be flow units.

Proterozoic strata dip away in opposite directions on either side of the northern breccia belt, but bedding attitudes are much more contorted adjacent to the breccia bodies. The trend of the breccia belt follows the axial trace of an anticlinal structure and a steep zone of reverse faulting (Lane, 1990).

6.0 PROPERTY GEOLOGY AND MINERALIZATION

6.1 Property Geology

The Monster East property is underlain by Quartet (Pq) and Gillespie Lake (Pg) group sediments that have been intruded by Proterozoic hematite breccias and associated gabbro-diorite intrusives. The core of the property is geologically very complex with extremely folded and faulted sediments and volcanic flows crosscut by numerous intrusive bodies and hematite breccias (Figures 4 and 5).

The main sedimentary units are black shales, siltstones and interbedded quartzite and sandstone (Pqa) of the Quartet Group, and orange weathering dolomites (Pga) of the Gillespie Lake Group. The blocky fractured quartzite is grey-green, micaceous and contains shaly, locally carbonaceous partings. The rock exposures of the shale and siltstone commonly weather a dull, light grey to black and in one locality, (6200N, 4600E) brilliant red to yellow ochre staining was found.

The Gillespie Lake Group strata is much more varied than the Quartet Group with a number of subdivisions. Stromatolitic dolomite beds occur in the northern part of the property. Fine-grained dolomitic siliciclastics are also found including maroon mudstone and siltstone (Pgc), and light to dark green mudstone and siltstone (Pgd). The maroon (Pgc) and green (Pgd) mudstone to siltstone units are differentiated primarily by colour, although the green beds tend to be finer grained, thinly laminated and more fissile. The maroon mudstone horizons are often found in close proximity to or interbedded with dolomite homolithic breccia (Bx_{2b}) and mafic units (Pgf). Cryptocrystalline quartz and banded iron formation with alternating jasper and magnetite beds are commonly found in the dolomitic clastic units and to a minor extent in dolomite beds. Fine- to medium-grained, massive and amygdaloidal mafic volcanics (Pgf), possibly comagmatic with diorites, are comprised of plagioclase crystals in green (chloritic) and/or red (hematitic) groundmass. Amygdules are filled with calcite.

The Wernecke Supergroup strata are cut by a number of irregular shaped hematite breccia bodies (Bx₁, Bx₂). The configuration of the entire breccia complex and boundaries between individual breccia types are poorly exposed, irregular and sometimes, gradational. Breccia bodies were encountered in all areas of the property examined. The breccias have been subdivided by clast lithology: homolithic, or one clast type (Unit Bx₂) and heterolithic, containing more than one fragment type (Unit Bx₁). Within the homolithic phase, a dolomite breccia unit (Bx_{2b}) has been defined. The degree of fragmentation, alteration and rounding of clasts is considerably less in the homolithic phase. The outer contact of the homolithic breccia is gradational into crackled unaltered sediments. The dolomite breccia weathers brown and is

pink on fresh surfaces due to finely impregnated earthy hematite. The matrix is comprised of sparry dolomite, minor specular hematite. The breccia is rarely mineralized with chalcopyrite. Green siltstone and shale clasts of the Gillespie Lake Group, and rare quartz fragments are found in the dolomite breccia but Quartet Group sediments are conspicuous by their absence.

The heterolithic breccia is characterized by variable clast type and degree of alteration in the clasts. On the Monster East property, the only subclass of the heterolithic phase is a hydrothermal breccia (Bx_{1a}). This breccia is matrix-supported with subrounded fragments ranging from 1.0 centimetre to 1.0 metre, but normally averaging less than 5 centimetres. The matrix consists of extremely milled fragments (<2-3 mm.) and specular hematite (3-10%). This specular hematite content is considerably higher than in the homolithic breccia. The colour of the breccia outcrop is indicative of the dominant alteration present: maroon - earthy hematite, buff - carbonate, green - chlorite and pink - potassium feldspar. Other alteration products include silica and very minor sericite. These hydrothermal minerals are strongest in the matrix but have also affected the fragments. Additional clast types found include jasper, banded iron formation, quartz, diorite and a more leucocratic felsic intrusive.

Unit Gb is a dark green intrusive varying from diorite to gabbro and possibly monzonite in composition. The intrusives are medium-grained and equigranular, comprised of euhedral plagioclase and interstitial chloritized hornblende, magnetite and trace sulphides. The intrusives are spatially and perhaps, genetically associated with the breccia bodies.

The structure of the Monster East property is extremely complicated in the area of the breccias. Bedding orientations are different in each of the faulted domains and, on an outcrop scale, bedding is disrupted adjacent to the hematite breccias.

6.2 Mineralization

The 1993 field work has defined three different types of mineralization. Mineralization on the south end of the claim block consists of coarse blebs of chalcopyrite within a 15 metre wide, quartz-carbonate altered stockwork, crackle zone in dolomite breccia. Visual estimates indicate 1-3% chalcopyrite over the width of the zone with minor chalcopyrite mineralization over a broader zone down slope. Samples 485006 (5.0 m) and 485007 (3.0 m) returned 6.68% and 4.21% copper, respectively; other metal values are low. In the same vicinity, sample 485008 of heterolithic breccia float with 50% specular hematite, contained 1.08% copper. The relationship between the two areas is unknown.

The second area of interest lies in the north facing cirque on the west side of the property. In this area, the mineralization

consists of bornite, chalcopyrite and cobaltite in quartz veined and stockwork in argillite in contact with quartz clast heterolithic and carbonate-rich breccias. Malachite, azurite and erythrite mark mineralized outcrop and talus. The best mineralization occurs in two shear zones with strong quartz-carbonate alteration. Estimation of the grade and size of these zones was difficult to determine because of steep terrain, however, hand samples from this zone contain 3-4% disseminated bornite and 2-3% cobaltite, in a carbonate-rich breccia, and 3-4% chalcopyrite in a quartz-rich breccia. The samples from this area are listed in Table 6.2.1. All of these samples were selected from better mineralized zones.

TABLE 6.2.1
WEST SIDE ROCK GEOCHEMISTRY

Sample	Type	Gold (ppb)	Cobalt (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
546606	Grab	280	1523	1.20%	6	118
546607	Float	40	934	6973	<2	72
546608	Grab	<5	204	9306	10	84
546609	Grab	295	1.34%	1043	64	84
546610	Float	460	7493	2.90%	24	202
546611	Float	15	555	1.42%	14	74

The third style of mineralization was found in float at the head of the cirque west of camp. Chalcopyrite and lesser bornite occur in a dark green, chlorite and potassium feldspar altered, heterolithic breccia with 3% specular hematite. Sample 546513, taken from this float, returned 2736 ppm copper.

In the grid area, prospecting revealed minor chalcopyrite in mafic flow and intrusive units (#509165) and an area of enriched copper values in heterolithic breccia from 5800N, 5000E to 6200N, 4800N. Five of the seven samples taken in this area contained >1000 ppm copper with three samples assaying >1.0% copper. Alteration of the breccia includes moderate to strong carbonate and chlorite with weaker sericite and potassium feldspar. The faulted contact area west of this breccia (6200N, 4700E) between Quartet Group siltstone and sheared chlorite-altered volcanic(?) is cut by quartz-carbonate fractures mineralized with <1% chalcopyrite, malachite and azurite.

Several other copper occurrences were discovered in other areas, pointing to the overall abundance of copper showings on the property. Twenty-eight of the 72 rock samples collected contained >1000 ppm copper.

Uranium values for all but one of the rock samples on the property are less than 10 ppm and are not considered significant.

7.0 SOIL GEOCHEMISTRY

The soil geochemical grid work was designed to test three of the four anomalous areas from the 1976 UMAX sampling reporting copper anomalies >210 ppm with spot high cobalt values >100 ppm. The fourth anomalous area, north of the 1993 grid area, could not be sampled in the time available. The position of the 1976 anomalies was determined by topographic features as no remnants of the old grid could be found in the field. Samples were collected at 50 metre intervals along grid lines spaced 50, 100 or 200 metres apart. The baseline (5000E) was offset at 5800N to avoid steep cliffs. Statistical analysis of the soil results was not undertaken although values for copper >200 ppm, cobalt >60 ppm, lead >50 ppm and zinc >150 ppm are considered anomalous.

The 1993 copper soil geochemistry roughly confirms the 1976 UMAX results. The strongest copper-cobalt anomaly trends from 5800N, 5000E to 6200N, 4900E which reflects the copper mineralized heterolithic breccia found in this area. The high cobalt soil values are interesting in that none of the rock samples taken to date in that area are particularly enriched in cobalt. The copper anomalies on the east end of 6400N at 5650E and at 6000N, 5200E likely reflect similar style of mineralization in heterolithic breccia underlying these sample stations. Areas underlain by diorite (5200N, 5200E; 6400N, 5250E-5450E; 5600N, 4450E) are also indicated by anomalous copper soil geochemistry. In case of 5200N, 5200E, chalcopyrite has been found within the intrusive.

The highest copper soil result (2470 ppm) was obtained at 6200N, 4700E where sheared chlorite-altered volcanic(?) is cut by mineralized quartz-carbonate fractures. The high copper values located 100 metres to the south and in part, on line 5700N reflect dispersion from this showing. Similarly, the elevated copper values centered at 5400N, 4375E lie downslope from a well mineralized fault zone (#485006, 007).

Lead and zinc values are low overall. The lead anomaly that stretches from the pass at 6200N, 4600E and widens on 5700N coincides with the fault wedge of limonite stained Quartet Group shales and siltstones outcropping and in talus. The elevated zinc values can not be explained by mineralization found to date. Gold, silver and uranium values are uniformly low, although three elevated gold values (40-45 ppb) occur on the west side of line 5900N.

8.0 CONCLUSIONS AND RECOMMENDATIONS

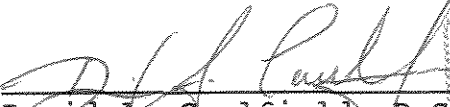
The potential for Olympic Dam type deposits has not been thoroughly investigated in the Ogilvie Mountains. Exploration to date in the Ogilvies has been limited in scope and detail. Results from the 1993 field program indicate the presence of widespread

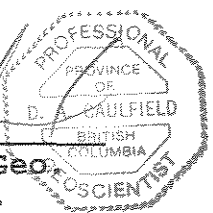
copper and to a lesser extent, cobalt in the form of chalcopyrite, bornite and cobaltite. The main part of this mineralization occurs in quartz-carbonate veins, stockworks and shears, and in more "Olympic Dam" style specular hematite heterolithic breccias. Individual samples contain up to 6.68% copper, 1.34% cobalt, 460 ppb gold and 24.4 ppm silver.

The soil geochemical survey confirmed anomalous trends established by UMX in 1976. Some of the anomalous trends may be explained by mineralization found to date but several require further investigation, especially those underlain by heterolithic specular hematite breccias.

The exploration results from the 1993 program are highly encouraging and fully warrant further work on the Monster East property. The next stage of exploration should focus on detailed mapping and control sampling of areas returning concentrations of significant copper values. Infill soil geochemistry should be conducted in specific areas to better define anomalous trends and the grid should be extended to the north to cover the final UMX copper anomaly. Prospecting should focus on determining the source of soil geochemical anomalies.

Respectfully submitted,


David A. Caulfield, P. Geo.
EQUITY ENGINEERING LTD.



Vancouver, British Columbia
January, 1994

APPENDIX A

BIBLIOGRAPHY

BIBLIOGRAPHY

- Archer, A. Bell, R.T. and Thorpe R. (1986): Age Relationships from U-Th-Pb isotope studies of uranium mineralization in Wernecke breccias; in Current Research, Part A, Geological Survey of Canada, Paper 86-1A, p. 385-391.
- Archer, A.R. and Schmidt, U. (1978): Mineralized Breccias of Early Proterozoic Age, Bonnet Plume River District, Yukon Territory; CIM Bulletin, vol. 71, p. 53-58.
- Bell, R.T. (1978): Breccias and uranium mineralization in the Wernecke Mountains, Yukon - a progress report ; in Current Research, Part A, Geological Survey of Canada, Paper 78-1A. p. 317-322.
- Bell, R.T. (1982): Comments on the geology and uraniferous mineral occurrences of the Wernecke Mountains , Yukon and District of MacKenzie; in Current Research, Geological Survey of Canada, Paper 82-1B. p. 279-284.
- Bell, R.T. (1986): Geological map of northeastern Wernecke Mountains, Yukon Territory; Geological Survey of Canada, Open File 1027.
- Bell, R.T. (1986): Megabreccias in northeastern Wernecke Mountains, Yukon Territory; in Current Research, Part A, Geological Survey of Canada, Paper 86-1A. p. 375-384.
- Bell, R.T. and Delaney, G.D. (1977): Geology of some uranium occurrences in Yukon Territory; in Current Research, Part A, Geological Survey of Canada, Paper 77-1A. p. 33-37.
- Bell, R.T. and Jones, L.D. (1979): Geology of some Uranium Occurrences in Western Canada; in Current Research, Part A, Geological Survey of Canada, Paper 79-1A. p. 397-340.
- Carriere, J.J., Sinclair, W.D. and Kirkham, R.V. (1981): Copper Deposits and Occurrences in Yukon Territory; Geological Survey of Canada, Paper 81-12, 10 pp.
- Delaney, G.D. (1981): The Mid-Proterozoic Wernecke Supergroup, Wernecke Mountains, Yukon Territory; in Proterozoic Basins of Canada, Geological Survey of Canada, Paper 81-10, p. 1-23.
- Delaney, G.D. (1985): The Middle Proterozoic Wernecke Supergroup, Wernecke Mountains, Yukon Territory; Unpublished Ph.D. Thesis, University of Western Ontario, 373 pp.
- Eisbacher, G.H. (1978): The Major Proterozoic Unconformities, Northern Cordillera; in Current Research, Part A, Geological Survey of Canada, Paper 78-1A, p. 53-58.

- Goodfellow, W.D. (1979): Geochemistry of copper, lead, and zinc mineralization in Proterozoic rocks near Gillespie Lake, Yukon; in Current Research, Part A, Geological Survey of Canada, Paper 79-1A. p. 333-338.
- Green, L.H. (1972): Geology of Nash Creek, Larsen Creek and Dawson map-areas, Yukon Territory; Geological Survey of Canada, Memoir 364, 157 pp.
- Lane R.A. (1990): Geologic Setting and Petrology of the Proterozoic Ogilvie Mountains Breccia of the Coal Creek Inlier, Southern Ogilvie Mountains, Yukon Territory; Unpublished Masters Thesis, University of British Columbia, 223 pp.
- Lane, R.A. and Godwin, C.I. (1992): Geology of the Ogilvie Mountains Breccias, Coal Creek Inlier, (NTS 116B/11, 13, 14); Department of Indian and Northern Affairs, Open File 1992-1
- Laznicka, P. and Edwards, R.J. (1979): Dolores Creek, Yukon - a Disseminated Copper Mineralization in Sodic Metasomatites; in Economic Geology, vol. 74, p. 1352-1370.
- Yeo, G.M. (1986): Iron-Formation in the late Proterozoic Rapitan Group, Yukon and Northwest Territories; in Mineral Deposits of the Northern Cordillera, Canadian Institute of Mining and Metallurgy Special Vol. 37, p. 142-153.
- Young, G.M., Jefferson, C.W., Delaney, G.D. and Yeo, G.M. (1979): Middle and late Proterozoic evolution of the northern Canadian Cordillera and Shield; in Geology, vol. 7, p. 329-330.
- Yukon Assessment Reports: 090068, 090141, 090214, 090216

APPENDIX B

LIST OF PERSONNEL

LIST OF PERSONNEL

Tom Bell (Prospector)
207, 675 West Hastings Street
Vancouver, B.C. V6B 1N2

David Caulfield (Geologist)
207, 675 West Hastings Street
Vancouver, B.C. V6B 1N2

Mark E. Baknes (Geologist)
207, 675 West Hastings Street
Vancouver, B.C. V6B 1N2

APPENDIX C

STATEMENT OF EXPENDITURES

**STATEMENT OF EXPENDITURES
MONSTER 41-72 CLAIMS**

CANADA) In the matter of an evaluation program on the
) Monster 41-72 Mineral Claims

I, Mark Baknes for Equity Engineering Ltd., Suite 207, 675 West Hastings Street, Vancouver, B.C. do solemnly declare that a program consisting of lithogeochemical sampling, geological mapping, and prospecting was carried out on the Monster 41-72 Mineral Claims during the period July 10-13, 1993.

The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

PROFESSIONAL FEES AND WAGES:

David A. Caulfield, P. Geo.		
8.0 days @ \$375/day	\$ 3,000.00	
Michael Stammers, P. Geo.		
7.125 days @ \$375/day	2,671.88	
Mark E. Baknes, P. Geo.		
6.0 days @ \$ 300/day	1,800.00	
Tom Bell, Prospector		
3.5 days @ \$ 250/day	875.00	
Barry Girling, Prospector		
5 days @ \$250/day	1,250.00	
Clerical		
9.52 hours @ \$20/hour	<u>190.40</u>	\$ 9,787.28

EXPENSES:

Chemical Analyses	\$ 3,509.48	
Materials and Supplies	93.34	
Printing and Reproductions	162.26	
Maps and Publications	20.06	
Drafting	227.70	
Camp Food	314.70	
Camp Fuel	5.42	
Meals	136.82	
Accommodation	165.46	
Travel	719.50	
Automotive Fuel	28.19	
Automotive Expenses	1.74	
Joint Mobilization Costs	16.87	
Equipment Rental	816.33	
Aircraft Charters	439.13	
Helicopter Charters	2,888.04	
Telephone Distance Charges	98.19	
Courier and Telefax	<u>33.38</u>	9,676.61

MANAGEMENT FEES:

15% on expenses only		<u>1,648.78</u>
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SUBTOTAL: \$ 21,112.67

GST: 7% on subtotal 1,477.89

\$ 22,590.56
=====

Notes:

1. Wages are based on actual man days spent on the property.
2. Helicopter charges are based on actual hours flown on the property.
3. Assay charges are based on actual numbers of samples from the property.
4. General expenses (all other costs) are pro rated according to man days allocated to each property.

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the)
Province of British Columbia this)
30th day of March, 1994)

[Signature]

[Signature]
A Commissioner for Oaths for, or
Notary Public for the Yukon Territory

APPENDIX D

ROCK SAMPLE DESCRIPTIONS

MINERALS AND ALTERATION TYPES

AB	albite	AD	adularia
AK	ankerite	AS	arsenopyrite
AZ	azurite	BA	barite
BI	biotite	BO	bornite
BR	brannerite	CA	calcite
CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CO	cobaltite
CP	chalcopyrite	CY	clay
DI	diopside	DO	dolomite
EP	epidote	ER	erythrite
GA	garnet	GE	goethite
GL	galena	GR	graphite
HE	earthy hematite	HS	specularite
JA	jarosite	KF	potassium feldspar
MC	malachite	MG	magnetite
MN	Mn-oxides	MR	mariposite
MS	muscovite/sericite	NE	neotocite
PO	pyrrhotite	PY	pyrite
QZ	quartz	SI	silica
SP	sphalerite	TT	tetrahedrite

ALTERATION INTENSITIES

m	medium	s	strong	tr	trace
vs	very strong	vw	very weak	w	weak

Property : MONSTER EAST

NTS : 116B/13

Date : February 15, 1994

Sample No.	Grid Co-or.	Type :	Alteration :	Au	Ag	Co	Cu	Pb	Zn
				(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	61 +80N	Select	KF, SI						
	47 +75E	Strike Length Exp. : 2+ m	Metallics : 2%CP, HS						
459756	Elevation: 1660 m	Sample Width : m	Secondaries: <1%MC	20	1.2	84	1.39%	4	50
	Orientation: /	True Width : m	Host : Heterolithic breccia						

Comments : Sub-outcrop on claim line approximately 150m west of gully. Approximately 100m (75?) No. 1 Post Monster 57 and 58.

Sample No.	UTM :	Type :	Alteration :	Au	Ag	Co	Cu	Pb	Zn
				(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	7190 340 N	Select	mCB, wCL						
	545 490 E	Strike Length Exp. : 20 m	Metallics : <1%CP, <1%PY						
485001	Elevation: 5500 ft	Sample Width : 5 m	Secondaries: wJA, mMC	<5	3.2	84.	2413.	336.	1136.
	Orientation: /	True Width : 5 m	Host : Altered sediments						

Comments : Located at No. 2 Posts Monster 51 and 52. Banded jasper at same location. Zone 10m in width.

Sample No.	UTM :	Type :	Alteration :	Au	Ag	Co	Cu	Pb	Zn
				(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	7190 440 N	Float	sSI						
	545 500 E	Strike Length Exp. : m	Metallics : <1%CP, <1%PY						
485002	Elevation: 5650 ft	Sample Width : m	Secondaries: wHE	40.	0.8	83.	5061.	6.	52.
	Orientation: /	True Width : m	Host : Dolomite						

Comments : Talus at contact between dolomite and diorite. Sample from one rock.

Sample No.	UTM :	Type :	Alteration :	Au	Ag	Co	Cu	Pb	Zn
				(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	7190 560 N	Float	sBA						
	545 760 E	Strike Length Exp. : m	Metallics : 3-5%HS, trPY						
485003	Elevation: 6200 ft	Sample Width : m	Secondaries: sHE	30.	<0.2	1.	57.	<2	68.
	Orientation: /	True Width : m	Host : Dolomite						

Comments : Talus.

Sample No.	UTM :	Type :	Alteration :	Au	Ag	Co	Cu	Pb	Zn
				(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	7190 780 N	Select	None						
	545 720 E	Strike Length Exp. : 1 m	Metallics : 5%HS, 95%PY						
485004	Elevation: 6150 ft	Sample Width : 10 cm	Secondaries: sGE, sHE	<5	<0.2	7.	122.	52.	90.
	Orientation: 120 / 50 SW	True Width : 10 cm	Host : Fine-grained siltstone						

Comments : Zone pinches out in both directions.

Sample No.	UTM :	Type :	Alteration :	Au	Ag	Co	Cu	Pb	Zn
				(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	7190 480 N	Float	mCB, sQZ						
	546 160 E	Strike Length Exp. : m	Metallics : 1%CP						
485005	Elevation: 5900 ft	Sample Width : m	Secondaries: mHE	<5	<0.2	46.	2786.	<2	26.
	Orientation: /	True Width : m	Host : Black shales						

Comments : Lots of this type of mineralization below outcrop in talus.

Property : MONSTER EAST

NTS : 116B/13

Date : February 15, 1994

Sample No.	UTM :	7190 410 N	Type :	Grab	Alteration :	sCA, sCB, wQZ	Au	Ag	Co	Cu	Pb	Zn
		546 930 E		Strike Length Exp. : 50+ m		Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485006	Elevation:	5250 ft		Sample Width : 5 m		Secondaries:	<5	<0.2	31.	6.68%	<2	266.
	Vein/Fault :	30 / V		True Width : 5 m		Host :						

Comments : Representative grab across 5m calcite vein. Large knots of chalcopyrite. Quartz, calcite, chalcopyrite crystals in area.

Sample No.	UTM :	7190 430 N	Type :	Grab	Alteration :	sCB	Au	Ag	Co	Cu	Pb	Zn
		546 930 E		Strike Length Exp. : 50+ m		Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485007	Elevation:	5300 ft		Sample Width : 3 m		Secondaries:	<5	<0.2	36.	4.21%	<2	168.
	Jointing :	120 / 40 NE		True Width : 3 m		Host :						

Comments : Representative grab on hanging wall of fault. Overall width of zone is 10-15 metres.

Sample No.	UTM :	7190 460 N	Type :	Float	Alteration :	sCB, sCL	Au	Ag	Co	Cu	Pb	Zn
		546 780 E		Strike Length Exp. : m		Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485008	Elevation:	5100 ft		Sample Width : m		Secondaries:	<5	<0.2	75.	1.08%	<2	90.
	Orientation:	/		True Width : m		Host :						

Comments : Sample taken from 2 rocks in talus.

Sample No.	UTM :	7190 310 N	Type :	Grab	Alteration :	sCB	Au	Ag	Co	Cu	Pb	Zn
		546 790 E		Strike Length Exp. : m		Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485009	Elevation:	5475 ft		Sample Width : 3 m		Secondaries:	<5	<0.2	12.	198.	<2	28.
	Orientation:	/		True Width : m		Host :						

Comments : Near contact with dolomite.

Sample No.	UTM :	7190 260 N	Type :	Float	Alteration :	mCB, mQZ	Au	Ag	Co	Cu	Pb	Zn
		546 640 E		Strike Length Exp. : m		Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485010	Elevation:	5600 ft		Sample Width : m		Secondaries:	<5	<0.2	66.	5800.	<2	66.
	Orientation:	/		True Width : m		Host :						

Comments : Possible subcrop.

Sample No.	UTM :	7190 270 N	Type :	Chip	Alteration :	sCB, sQZ	Au	Ag	Co	Cu	Pb	Zn
		546 620 E		Strike Length Exp. : 5 m		Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485011	Elevation:	5600 ft		Sample Width : 2 m		Secondaries:	<5	<0.2	74.	2163.	<2	28.
	Orientation:	/		True Width : ? m		Host :						

Comments : Sample taken 5m west of 485010.

Property : MONSTER EAST

NTS : 116B/13

Date : February 15, 1994

Sample No.	Grid Co-or.	55 +50N 49 +15E	Type : Float	Alteration : sCB, sCL	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : <1%CP, 1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485012	Elevation:	4800 ft	Sample Width : m	Secondaries: sHE, sJA, sMC	<5	<0.2	23.	6893.	<2	50.
	Orientation:	/	True Width : m	Host : Dolomite						

Comments : Talus on east grid.

Sample No.	Grid Co-or.	61 +00N 50 +50E	Type : Float	Alteration : sCB	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 1-2%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485013	Elevation:		Sample Width : m	Secondaries:	<5	<0.2	22.	109.	<2	16.
	Orientation:	/	True Width : m	Host : Specular hematite breccia						

Comments :

Sample No.	Grid Co-or.	61 +00N 50 +00E	Type : Float	Alteration : sCB	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 1-3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485013	Elevation:		Sample Width : m	Secondaries:	<5	<0.2	22.	109.	<2	16.
	Orientation:	/	True Width : m	Host : Specular hematite breccia						

Comments :

Sample No.	Grid Co-or.	61 +00N 48 +50E	Type : Float	Alteration : sCB	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 1-3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485015	Elevation:		Sample Width : m	Secondaries:	<5	<0.2	11.	1.	<2	22.
	Orientation:	/	True Width : m	Host : Specular hematite breccia						

Comments :

Sample No.	Grid Co-or.	61 +00N 47 +50E	Type : Float	Alteration : sCB	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 2-5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485016	Elevation:		Sample Width : m	Secondaries:	<5	<0.2	16.	109.	<2	22.
	Orientation:	/	True Width : m	Host : Specular hematite breccia						

Comments :

Sample No.	Grid Co-or.	61 +00N 47 +00E	Type : Float	Alteration : sSI	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485017	Elevation:		Sample Width : m	Secondaries: wJA	<5	<0.2	1.	<1	6.	4.
	Orientation:	/	True Width : m	Host : Silicified sediments						

Comments :

Property : MONSTER EAST

NTS : 116B/13

Date : February 15, 1994

Sample No.	Grid Co-or.	61 +00N 46 +50E	Type : Float	Alteration : sCB	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
485018	Elevation:		Sample Width : m	Secondaries: mHE	<5	<0.2	20.	66.	<2	20.
	Orientation:	/	True Width : m	Host : Dolomite breccia						

Comments :

Sample No.	Grid Co-or.	52 +00N 51 +50E	Type : Select	Alteration : mCL, mHE	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : 5 m	Metallics : 1%CP, trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509165	Elevation:	4600 ft	Sample Width : 10 cm	Secondaries: wMC	<5	<0.2	36.	2414.	16.	914.
	Jointing :	095 / 80 N	True Width : 10 cm	Host : Medium-grained diorite						

Comments : Non-magnetic medium-grained diorite intrusive. Chalcopyrite concentrated in chlorite-rich envelope along jointing plane.

Sample No.	Grid Co-or.	56 +00N 53 +50E	Type : Grab	Alteration : mCB, sCL, wHE	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : 20 m	Metallics : 3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509166	Elevation:	5325 ft	Sample Width : 20 cm	Secondaries: None	<5	<0.2	23.	100.	<2	44.
	Orientation:	/	True Width : m	Host : Chlorite-rich heterolithic breccia						

Comments : No sulphides visible.

Sample No.	Grid Co-or.	56 +20N 44 +35E	Type : Float	Alteration : mCB, vsCL, wHE	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 3-5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509167	Elevation:	5200 ft	Sample Width : m	Secondaries: None	<5	<0.2	17.	29.	<2	46.
	Orientation:	/	True Width : m	Host : Chlorite-rich heterolithic breccia						

Comments :

Sample No.	Grid Co-or.	56 +00N 45 +40E	Type : Grab	Alteration : sCL, sKF	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : >50 m	Metallics : 1-3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509168	Elevation:	5000 ft	Sample Width : 20 cm	Secondaries: None	<5	<0.2	18.	2.	<2	20.
	Orientation:	140 / V	True Width : 20? cm	Host : KF-CL altered heterolithic breccia						

Comments :

Sample No.	Grid Co-or.	56 +20E 46 +25N	Type : Grab	Alteration : sCB	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : >50 m	Metallics : 1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509169	Elevation:	4925 ft	Sample Width : 1.0 m	Secondaries: None	<5	<0.2	14.	1.	<2	12.
	Orientation:	/	True Width : 1.0? m	Host : CB-rich heterolithic breccia						

Comments :

Property : MONSTER EAST

NTS : 116B/13

Date : February 15, 1994

Sample No.	Grid Co-or.	62 +00N	Type :	Grab	Alteration :	vsCL	Au	Ag	Co	Cu	Pb	Zn
		47 +00E	Strike Length Exp. :	20 m	Metallics :	<1%CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509170	Elevation:	5775 ft	Sample Width :	3 m	Secondaries:	WAZ, WMC	<5	0.2	84.	1533.	<2	38.
	Faulting :	135 / 75 NE	True Width :	3 m	Host :	Light green sheared sediment/volcanic						

Comments : Zone lies between siltstone/dolomitic siltstone to the west and large heterolithic breccia complex to the east.

Sample No.	Grid Co-or.	62 +00N	Type :	Grab	Alteration :	sCB, sCL, wKF	Au	Ag	Co	Cu	Pb	Zn
		47 +50E	Strike Length Exp. :	>50 m	Metallics :	7%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509171	Elevation:	5825 ft	Sample Width :	1 m	Secondaries:	None	<5	<0.2	17.	3.	<2	24.
	Orientation:	/	True Width :	1 m	Host :	Heterolithic breccia						

Comments : Sample taken on ridgeline.

Sample No.	Grid Co-or.	62 +00N	Type :	Grab	Alteration :	wCB, sCL	Au	Ag	Co	Cu	Pb	Zn
		48 +80E	Strike Length Exp. :	25 m	Metallics :	2%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
509172	Elevation:	5575 ft	Sample Width :	20 cm	Secondaries:	None	<5	<0.2	26.	39.	<2	30.
	Orientation:	/	True Width :	20 cm	Host :	Heterolithic breccia						

Comments :

Sample No.	Grid Co-or.	49 +75N	Type :	Grab	Alteration :	sCB, sCL, mKF	Au	Ag	Co	Cu	Pb	Zn
		48 +90E	Strike Length Exp. :	m	Metallics :	5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546505	Elevation:	1530 m	Sample Width :	m	Secondaries:	None	<5	<0.2	28.	27.	<2	46.
	Orientation:	/	True Width :	m	Host :	Dark green grey weathering heterolithic breccia						

Comments : Green weathering heterolithic breccia. Sediment fragments often rimmed or strongly KF altered. Locally very chloritic matrix. Calcite crystals in matrix. Breccia cuts dolomite and hematite altered dolomitic siltstone.

Sample No.	Grid Co-or.	49 +75N	Type :	Grab	Alteration :	sCB, sCL, w?KF, mSI	Au	Ag	Co	Cu	Pb	Zn
		49 +95E	Strike Length Exp. :	m	Metallics :	15%HS, 1%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546506	Elevation:	1470 m	Sample Width :	m	Secondaries:	None	<5	0.2	33.	<1	<2	26.
	Orientation:	/	True Width :	m	Host :	Dark green heterolithic breccia						

Comments : Dark green heterolithic breccia with sediment fragments often red KF alteration. Strong specular hematite in matrix and rarely as fragments. Pyrite 1-2mm euhedral crystals in matrix. Breccia looks bedded.

Sample No.	Grid Co-or.	49 +75N	Type :		Alteration :	sCB, mKF, wSI	Au	Ag	Co	Cu	Pb	Zn
		49 +65E	Strike Length Exp. :	m	Metallics :	0.5%CP, 0.5%HS, 2%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546507	Elevation:	1490 m	Sample Width :	m	Secondaries:	None	<5	<0.2	24.	500.	<2	14.
	Bedding :	170 / 62	True Width :	m	Host :	Dolomite breccia						

Comments : 0.5m above BIF. Sample of KF altered dolomite and dolomite breccia with 2% disseminated euhedral pyrite, minor chalcopyrite in blebs, possible intergrown with pyrite. Mineralization narrow near BIF, epigenetic veins in BIF, disseminated in breccia.

Property : MONSTER EAST

NTS : 116B/13

Date : February 15, 1994

Sample No.	Grid Co-or.	52 +00N 49 +00E	Type : Float/grab	Alteration : sCB, sDO	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546508	Elevation:	1530 m	Sample Width : m	Secondaries: None	<5	<0.2	14.	21.	<2	16.
	Orientation:	/	True Width : m	Host : Brown and reddish dolomite/hematite dolomite breccia						

Comments : Brown weathered dolomite and 15% crackle breccia dolomite with matrix and veins of reddish dolomite and sparry dolomite. 3% very fine disseminated specular hematite and also deep earthy red hematite. No visible sulphides. Talus very local.

Sample No.	Grid Co-or.	51 +75N 50 +35E	Type : Grab	Alteration : sCL, wKF	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 1%HS, 0.5%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546509	Elevation:		Sample Width : m	Secondaries: None	<5	<0.2	45.	42.	<2	132.
	Orientation:	/	True Width : m	Host : Dark green gabbro?						

Comments : Dark green gabbro or basalt, fine-grained to medium-grained, chloritic, weak KF alteration. Locally cut by specular hematite veins. Fine-grained texture may be volcanic.

Sample No.	Grid Co-or.	54 +00N 48 +25E	Type : Float	Alteration : sDO, wQZ	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 0.7%CP, trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546510	Elevation:	1520 m	Sample Width : m	Secondaries: None	<5	<0.2	15.	115.	<2	16.
	Orientation:	/	True Width : m	Host : Dolomitic siltstone						

Comments : Dolomite siltstone, crackle brecciated, cut by veins of rusty weathering dolomite - FeCB, coarse sparry with minor coarse euhedral quartz. Mineralized material <10-15% of talus.

Sample No.	Grid Co-or.	54 +00N 47 +00E	Type : Grab	Alteration : sDO, w?KF, wQZ	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 1%HS, trPY, trCP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546511	Elevation:		Sample Width : m	Secondaries: wHE	<5	<0.2	11.	168.	<2	18.
	Orientation:	/	True Width : m	Host : Homolithic dolomite breccia						

Comments : Typical dolomite breccia. Orange-brown weathering sparry dolomite matrix, dolomite and dolomite siltstone. Possible weakly quartz +/- KF altered angular fragments. Minor earthy hematite very minor specular hematite.

Sample No.	Grid Co-or.	54 +00N 45 +50E	Type : Float	Alteration : sDO, wQZ	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 3%CP, 0.5%HS, 1%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546512	Elevation:	1505 m	Sample Width : m	Secondaries: None	<5	<0.2	16.	2953.	<2	34.
	Orientation:	/	True Width : m	Host : Dolomite breccia						

Comments : Typical dolomite breccia-rusty red weathering, sparry dolomite matrix supporting dolomite and dolomite siltstone fragments. Chalcopyrite 2-10mm massive blebs in sparry dolomite. Sparry dolomite breccia cuts diorite-talus.

Sample No.	Grid Co-or.	54 +00N 52 +40E	Type : Float	Alteration : mCB, sCL, mKF, wQZ	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 0.5%BO, 1%CP, 3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546513	Elevation:	1590 m	Sample Width : m	Secondaries: None	<5	<0.2	54.	2736.	<2	54.
	Orientation:	/	True Width : m	Host : Dark green heterolithic breccia						

Comments : Dark green chloritic matrix <2cm pink KF altered fragments. Matrix also has coarse crystals of carbonate, very fine-grained specular hematite. Chalcopyrite very finely disseminated. Possible bornite rimming fragments 40x40cm angular talus boulder.

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Sample No.	Grid Co-or.	61 +50N 51 +00E	Type : Float	Alteration : wCL	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : m	Metallics : 0.5%CP, 2%MG	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546514	Elevation:	1550 m	Sample Width : m	Secondaries: wMC	<5	<0.2	<1	44.	<2	44.
	Orientation:	/	True Width : m	Host : Boulder of massive specular hematite						

Comments : 30x30x20cm angular talus boulder of 95+% fine specular hematite with minor chlorite. 1cm quartz vein with 1% chalcopyrite cuts specular hematite. Minor magnetite. Isolated boulder in talus.

Sample No.	Grid Co-or.	54 +00N 49 +35E	Type : Grab	Alteration : sDO, wQZ	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : 20 m	Metallics : None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546515	Elevation:	1755 m	Sample Width : m	Secondaries: wHE	<5	<0.2	15.	24.	<2	16.
	Orientation:	/	True Width : m	Host : Homolithic dolomite breccia						

Comments : Crackle brecciated purple mudstone. Sparry dolomite matrix, no visible sulphides. Area of breccia 30x40m, grades into dolomite and quartz stockwork.

Sample No.	Grid Co-or.	64 +00N 50 +60E	Type : Grab	Alteration : wCL, sDO, mQZ	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : >40 m	Metallics : 0.2%CP, 1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546516	Elevation:	1680 m	Sample Width : m	Secondaries: wHE	<5	<0.2	18.	82.	<2	14.
	Veining :	090 / 20 N	True Width : m	Host : Interbedded mudstone & dolomite w. dolo. vein stockwk						

Comments : Dolomite cut by dolomite-quartz stockwork. Rare and erratic chalcopyrite as 1-2mm blebs in dolomite quartz veins.

Sample No.	Grid Co-or.	64 +00N 64 +40E	Type :	Alteration : sCL, wDO, wQZ	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : 5 m	Metallics : 2%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546517	Elevation:	1435 m	Sample Width : m	Secondaries: None	<5	<0.2	26.	12.	<2	46.
	Orientation:	/	True Width : m	Host : Dark green heterolithic breccia						

Comments : Chlorite matrix with siltstone, pink KF? altered sediments. Grey argillite fragments and bull quartz fragments. No visible sulphides, 2-3% specular hematite.

Sample No.	UTM :	7191 150 N 545 880 E	Type : Select	Alteration : sCB, wSI	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : 4 m	Metallics : 1-2%B0	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546606	Elevation:		Sample Width : 15 cm	Secondaries: wAZ, wMC	280.	8.4	1523.	1.20%	6.	118.
	Orientation:	/	True Width : 15 cm	Host : Argillite just off breccia contact						

Comments : Large area of stockwork alteration, sample from one of larger veins in system.

Sample No.	UTM :	7191 070 N 545 810 E	Type : Float	Alteration : wCB, sQZ, sSI	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. : 15 m	Metallics : 2-4%CP, <1%CO	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546607	Elevation:		Sample Width : m	Secondaries: wER, wMC	40.	2.2	934.	6973.	<2	72.
	Orientation:	/	True Width : m	Host : Argillite/silica quartz breccia						

Comments : Sample very near source. Very minor secondaries on weathered surface, 30-40m south of 546606. Similar mineralization later found on east side of main shear.

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Sample No. UTM : 7191 080 N Type : Select Alteration : mSI Au Ag Co Cu Pb Zn
 546608 545 840 E Strike Length Exp. : m Metallics : 1%BO, <1%CP (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: Sample Width : 20 cm Secondaries: wAZ, wMC <5 6.8 204. 9306. 10. 84.
 Faulting : / True Width : 20 cm Host : Breccia argillite contact area

Comments : Just east (40m) of major stockwork. Cobalt/erythrite and chalcopyrite/malachite/azurite along fracture. Fair amount of fracture/vein mineralization in area.

Sample No. UTM : 7191 080 N Type : Select Alteration : mCB, mQZ, wSI Au Ag Co Cu Pb Zn
 546609 545 840 E Strike Length Exp. : 30 m Metallics : <1%CP, 1-2%CO (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: Sample Width : 15-25 cm Secondaries: mER, wMC 295. 0.2 1.34% 1043. 64. 84.
 Veining : / True Width : m Host : Argillite in shear

Comments : Three to four parallel veins in stockwork zone. Shear zone appears to be flat lying.

Sample No. UTM : 7190 880 N Type : Float Alteration : mCB, mQZ, mSI Au Ag Co Cu Pb Zn
 546610 546 010 E Strike Length Exp. : m Metallics : 5-7%BO, 1%CP, <0.3%CO (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: Sample Width : m Secondaries: wAZ, wER 460. 24.4 7493. 2.90% 24. 202.
 Orientation: / True Width : m Host :

Comments : Float at base of cliffs; believed to be from approximately 10+cm vein through argillite (argillite on one margin).

Sample No. UTM : 7191 040 N Type : Float/talus Alteration : sCB, mSI Au Ag Co Cu Pb Zn
 546611 545 860 E Strike Length Exp. : m Metallics : 1-2%BO (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 Elevation: Sample Width : m Secondaries: mAZ 15. 3.6 555. 1.42% 14. 74.
 Faulting : / True Width : m Host : Carbonate homolithic breccia

Comments : Azurite only on fresh surfaces. Sample from what appears to be parallel shear/stockwork to 546606 mineralization.

Sample No. Grid Co-or. 57 +10N Type : Litho/grab Alteration : wCB, m-sKF Au Ag Co Cu Pb Zn
 45 +00E Strike Length Exp. : 1015 m Metallics : <1%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 546612 Elevation: Sample Width : 2 m Secondaries: None <5 0.2 56. 279. <2 32.
 Litho : / True Width : m Host : Breccia

Comments : More purple clasts. Disseminated specular hematite approximately 0.1%.

Sample No. Grid Co-or. 57 +20N Type : Litho/grab Alteration : wCB, wKF Au Ag Co Cu Pb Zn
 46 +00E Strike Length Exp. : m Metallics : <1%HS (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
 546613 Elevation: Sample Width : 2 m Secondaries: None <5 <0.2 19. 56. <2 22.
 Orientation: / True Width : m Host : Breccia

Comments :

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Sample No.	Grid Co-or.	59 +20N 45 +10E	Type : Float	Alteration : mCB, mSI	Au	Ag	Co	Cu	Pb	Zn
546614	Elevation:		Strike Length Exp. : 20 m	Metallics : <1%CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : 20 cm	Secondaries: sMC	<5	1.8	13.	1.16%	<2	96.
			True Width : 20 m	Host : Breccia						

Comments : Argillite/breccia contact mineralization, narrow zone traced down along contact 20m in major chute. Would disperse easily to produce soil geochem anomaly.

Sample No.	Grid Co-or.	59 +00N 50 +00E	Type : Litho/grab	Alteration : wCB, sKF, ?SI	Au	Ag	Co	Cu	Pb	Zn
546615	Elevation:		Strike Length Exp. : m	Metallics : <1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : 2 m	Secondaries: None	<5	<0.2	23.	99.	<2	34.
			True Width : m	Host : Breccia						

Comments :

Sample No.	UTM :	7191 260 N 545 600 E	Type : Float	Alteration : m-sCB	Au	Ag	Co	Cu	Pb	Zn
546717	Elevation:	1870 m	Strike Length Exp. : m	Metallics : 60%HS, <2%MG	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : 5 cm	Secondaries: wGE, mMN	<5	0.2	74.	325.	<2	60.
			True Width : m	Host : Argillite/homolithic breccia						

Comments :

Sample No.	UTM :	7190 820 N 545 650 E	Type : Grab/litho	Alteration : wCB, mCL, sKF, mMS	Au	Ag	Co	Cu	Pb	Zn
546718	Elevation:	1900 m	Strike Length Exp. : m	Metallics : <1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : 2x2 m	Secondaries: None	<5	<0.2	7.	21.	<2	30.
			True Width : m	Host : Heterolithic breccia						

Comments :

Sample No.	UTM :	7190 310 N 546 080 E	Type : Grab/litho	Alteration : wCB, wCL, wKF, sMS	Au	Ag	Co	Cu	Pb	Zn
546719	Elevation:	1942 m	Strike Length Exp. : m	Metallics : None	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : m	Secondaries: None	<5	<0.2	18.	130.	16.	56.
			True Width : m	Host : Heterolithic breccia/altered dolomite						

Comments : Small breccia.

Sample No.	UTM :	7190 310 N 546 150 E	Type : Grab/litho	Alteration : mKF, wMS	Au	Ag	Co	Cu	Pb	Zn
546720	Elevation:	1931 m	Strike Length Exp. : m	Metallics : 1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : 2x2 m	Secondaries: HE	<5	<0.2	11.	13.	16.	56.
			True Width : m	Host : Heterolithic breccia						

Comments : 100m from 546719.

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Sample No.	UTM :	7191 500 N	Type :	Float	Alteration :	mCB, mCL, mKF, veinsQZ	Au	Ag	Co	Cu	Pb	Zn
		548 000 E	Strike Length Exp. :	m	Metallics :	1-2%CP, 1-2%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546721	Elevation:	1210 m	Sample Width :	m	Secondaries:	wMC	<5	<0.2	36.	1.01%	<2	72.
	Orientation:	/	True Width :	m	Host :	Gabbro						

Comments : Sample is representative of two mineralized blocks.

Sample No.	UTM :	7192 370 N	Type :	Grab/litho	Alteration :	sCB, wSI	Au	Ag	Co	Cu	Pb	Zn
		547 980 E	Strike Length Exp. :	m	Metallics :	<1%HS, 1%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546722	Elevation:	1345 m	Sample Width :	m	Secondaries:	None	<5	<0.2	67.	18.	<2	28.
	Orientation:	/	True Width :	m	Host :	Homolithic carbonate breccia						

Comments : At contact with Quartet shales.

Sample No.	UTM :	7192 320 N	Type :	Grab/litho	Alteration :	wCB, mKF, wSI	Au	Ag	Co	Cu	Pb	Zn
		547 890 E	Strike Length Exp. :	m	Metallics :	3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546723	Elevation:	1445 m	Sample Width :	m	Secondaries:	sHE	<5	<0.2	12.	45.	<2	20.
	Orientation:	/	True Width :	m	Host :	Mixed homolithic/heterolithic breccia						

Comments : In heart of Umex soil anomaly.

Sample No.	UTM :	7192 280 N	Type :	Float	Alteration :	wCB, sQZ	Au	Ag	Co	Cu	Pb	Zn
		547 770 E	Strike Length Exp. :	m	Metallics :	1-2%CP, <1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546724	Elevation:	1445 m	Sample Width :	m	Secondaries:	trMC	<5	<0.2	31.	3011.	<2	26.
	Orientation:	/	True Width :	m	Host :	Brecciated argillite						

Comments : Also some finely disseminated chalcopyrite in bleached dolomite breccia?

Sample No.	UTM :	7192 280 N	Type :	Select	Alteration :	wCB, mKF, sSI	Au	Ag	Co	Cu	Pb	Zn
		547 800 E	Strike Length Exp. :	m	Metallics :	<1%CP, trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546725	Elevation:	1445 m	Sample Width :	2x2 m	Secondaries:	wMC	<5	<0.2	15.	8056.	<2	36.
	Orientation:	/	True Width :	m	Host :	Carbonate breccia						

Comments : Finely disseminated chalcopyrite in carbonate-siliceous breccia.

Sample No.	UTM :	7192 260 N	Type :	Grab/litho	Alteration :	wCB, wCL, sKF, wSI	Au	Ag	Co	Cu	Pb	Zn
		547 730 E	Strike Length Exp. :	m	Metallics :	<1%CP, <1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546726	Elevation:	1478 m	Sample Width :	2x2 m	Secondaries:	wHE	<5	<0.2	7.	932.	<2	16.
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments : One of four pieces for sample was mineralized.

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Sample No.	UTM :	7191 940 N	Type :	Float/litho	Alteration :	sCB, wKF, mMS, wSI	Au	Ag	Co	Cu	Pb	Zn
		547 520 E	Strike Length Exp. :	m	Metallics :	<1%HS, trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546727	Elevation:	1525 m	Sample Width :	2x2 m	Secondaries:	wU	<5	<0.2	16.	<1	4.	32.
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments : Taken near contact with stromatilitic grey dolomite.

Sample No.	UTM :	7191 800 N	Type :	Float/litho	Alteration :	sCB, wKF, mMS, wSI	Au	Ag	Co	Cu	Pb	Zn
		547 500 E	Strike Length Exp. :	m	Metallics :	trHS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546728	Elevation:	1525 m	Sample Width :	2x2 m	Secondaries:	None	<5	<0.2	24.	55.	4.	26.
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments : Same quartz hosted chalcopyrite-malachite nearby, but not sampled.

Sample No.	UTM :	7191 660 N	Type :	Grab/litho	Alteration :	wCB, sCL, sKF, mSI	Au	Ag	Co	Cu	Pb	Zn
		547 570 E	Strike Length Exp. :	m	Metallics :	HS, trMG?	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546729	Elevation:	1521 m	Sample Width :	2x2 m	Secondaries:	None	<5	<0.2	6.	382.	<2	48.
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments :

Sample No.	UTM :	7191 570 N	Type :	Grab/litho	Alteration :	mCL, mKF, wMS	Au	Ag	Co	Cu	Pb	Zn
		547 660 E	Strike Length Exp. :	m	Metallics :	trHS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546730	Elevation:	1512 m	Sample Width :	m	Secondaries:	None	<5	<0.2	30.	11.	<2	128.
	Orientation:	/	True Width :	m	Host :	Gabbro						

Comments :

Sample No.	Grid Co-or.	58 +35N 49 +80E	Type :	Grab/litho	Alteration :	mCB, mCL, wKF, wMS	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. :	m	Metallics :	1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546731	Elevation:	1450 m	Sample Width :	2x2 m	Secondaries:	None	<5	<0.2	27.	1476.	<2	42.
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments :

Sample No.	Grid Co-or.	58 +35N 49 +80E	Type :	Float	Alteration :	sCB, mCL, wKF, mMS, mSI	Au	Ag	Co	Cu	Pb	Zn
			Strike Length Exp. :	m	Metallics :	1%CP, 1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
546732	Elevation:	1450 m	Sample Width :	m	Secondaries:	trMC	115.	3.2	191.	1.39%	<2	98.
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments :

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Sample No.	Grid Co-or.	58 +00N 49 +20E	Type : Float	Alteration :	mCB, mCL, wKF, mMS, mQZ	Au	Ag	Co	Cu	Pb	Zn
546733	Elevation:	1470 m	Strike Length Exp. : m	Metallics :	<1%CP, <1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : m	Secondaries:	None	<5	<0.2	21.	2591.	<2	34.
			True Width : m	Host :	Heterolithic breccia						

Comments : Chalcopyrite in quartz stringers and in some clast's fracture faces.

Sample No.	Grid Co-or.	60 +00N 49 +00E	Type : Select	Alteration :	sCB, wCL, wKF, mSI	Au	Ag	Co	Cu	Pb	Zn
546734	Elevation:	1605 m	Strike Length Exp. : m	Metallics :	1%CP, 1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : m	Secondaries:	trMC	5.	<0.2	61.	1.42%	<2	80.
			True Width : m	Host :	Heterolithic breccia						

Comments : None

Sample No.	Grid Co-or.	60 +30N 49 +50E	Type : Select	Alteration :	mCB, mSI	Au	Ag	Co	Cu	Pb	Zn
546735	Elevation:	1620 m	Strike Length Exp. : m	Metallics :	trHS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Bedding :	017 / 70 E	Sample Width : 30 cm	Secondaries:	None	15.	<0.2	26.	130.	<2	20.
			True Width : m	Host :	Bedded jasper (BIF)						

Comments :

Sample No.	Grid Co-or.	60 +00N 50 +00E	Type : Grab/litho	Alteration :	mCB, mCL, mKF, wMS, wSI	Au	Ag	Co	Cu	Pb	Zn
546736	Elevation:	1605 m	Strike Length Exp. : m	Metallics :	1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : m	Secondaries:	None	<5	<0.2	16.	105.	<2	24.
			True Width : m	Host :	Heterolithic breccia						

Comments :

Sample No.	Grid Co-or.	60 +00N 51 +00E	Type : Grab/litho	Alteration :	wCB, mCL, mKF, mMS, mSI	Au	Ag	Co	Cu	Pb	Zn
546737	Elevation:	1550 m	Strike Length Exp. : m	Metallics :	1-2%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : m	Secondaries:	None	<5	<0.2	18.	95.	<2	24.
			True Width : m	Host :	Heterolithic breccia						

Comments :

Sample No.	Grid Co-or.	60 +00N 52 +25E	Type : Grab/litho	Alteration :	wCB, mCL, mKF, wMS, wSI	Au	Ag	Co	Cu	Pb	Zn
546738	Elevation:	1460 m	Strike Length Exp. : m	Metallics :	<1%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	Orientation:	/	Sample Width : m	Secondaries:	None	<5	<0.2	19.	15.	<2	22.
			True Width : m	Host :	Heterolithic breccia						

Comments :

APPENDIX E

CERTIFICATES OF ANALYSIS



Chemex Labs Ltd.

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

TO: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

A9317633

Comments: CC: PAMICON DEV LTD.

CERTIFICATE

A9317633

EQUITY ENGINEERING LTD.

Project: MONSTER-EAST
 P.O. #:

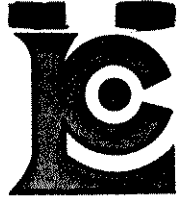
Samples submitted to our lab in Vancouver, BC.
 This report was printed on 29-JUL-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	71	Geochem ring to approx 150 mesh
274	71	0-15 lb crush and split
285	71	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	71	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	71	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	71	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	71	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	71	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	71	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	71	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	71	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	71	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	71	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	71	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	71	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	71	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	71	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	71	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	71	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	71	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	71	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	71	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	71	Pb ppm: 24 element, rock & core	AAS	2	10000
582	71	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	71	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	71	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	71	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	71	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



Chemex Labs Ltd.

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

TO: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER-EAST
 Comments: CC: PAMICON DEV LTD.

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 Invoice No.: I9317633
 P.O. Number:
 Account: EIA

CERTIFICATE OF ANALYSIS A9317633

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
485001	205 274	< 5	3.2	6.36	700	< 0.5	2	1.52	2.0	84	112	2410	2.30	1.98	1.55
485002	205 274	40	0.8	1.59	280	< 0.5	4	4.18	< 0.5	83	141	5060	2.03	1.30	2.33
485003	205 274	30	< 0.2	0.16	1760	< 0.5	< 2	0.03	< 0.5	1	20	57	12.20	0.02	0.08
485004	205 274	< 5	< 0.2	1.29	220	< 0.5	< 2	0.12	< 0.5	7	93	122	>25.0	0.32	0.40
485005	205 274	< 5	< 0.2	3.55	330	< 0.5	2	8.08	< 0.5	46	127	2790	3.38	2.93	4.52
485006	205 274	< 5	< 0.2	1.26	130	< 0.5	< 2	12.75	< 0.5	31	43	>10000	9.78	0.76	6.07
485007	205 274	< 5	< 0.2	3.45	120	< 0.5	< 2	10.00	< 0.5	36	65	>10000	6.64	2.40	4.70
485008	205 274	< 5	< 0.2	5.95	690	< 0.5	< 2	1.98	< 0.5	75	60	>10000	11.60	1.49	3.89
485009	205 274	< 5	< 0.2	6.08	590	< 0.5	< 2	5.65	< 0.5	12	143	198	5.49	3.50	2.45
485010	205 274	< 5	< 0.2	5.41	470	< 0.5	< 2	1.29	< 0.5	66	67	5800	11.60	1.52	3.16
485011	205 274	< 5	< 0.2	6.96	620	< 0.5	< 2	3.26	< 0.5	74	142	2160	2.57	3.96	2.08
485012	205 274	< 5	< 0.2	5.53	240	< 0.5	< 2	1.82	< 0.5	23	123	6890	3.20	0.90	2.01
485013	205 274	< 5	< 0.2	5.25	740	< 0.5	< 2	5.06	< 0.5	22	161	109	3.34	0.82	3.12
485014	205 274	< 5	< 0.2	7.68	610	< 0.5	< 2	2.03	< 0.5	25	124	28	4.91	2.79	2.69
485015	205 274	< 5	< 0.2	6.33	360	< 0.5	< 2	3.69	< 0.5	11	130	1	3.69	1.43	2.41
485016	205 274	< 5	< 0.2	5.26	250	< 0.5	< 2	5.20	< 0.5	16	82	109	4.53	1.57	3.71
485017	205 274	< 5	< 0.2	0.40	130	< 0.5	2	0.03	< 0.5	1	326	< 1	0.55	0.26	0.03
485018	205 274	< 5	< 0.2	4.84	500	< 0.5	< 2	8.25	< 0.5	20	82	66	2.95	1.57	5.08
509165	205 274	< 5	< 0.2	7.66	1870	< 0.5	< 2	3.43	1.0	36	178	2410	6.92	2.43	4.21
509166	205 274	< 5	< 0.2	5.54	530	0.5	< 2	5.29	< 0.5	23	99	100	5.36	3.39	4.39
509167	205 274	< 5	< 0.2	6.74	1900	< 0.5	< 2	1.42	< 0.5	17	97	29	4.03	6.01	2.02
509168	205 274	< 5	< 0.2	8.67	310	< 0.5	2	0.85	< 0.5	18	108	2	4.11	2.16	1.59
509169	205 274	< 5	< 0.2	6.06	260	< 0.5	< 2	3.51	< 0.5	14	133	1	3.24	2.48	2.74
509170	205 274	< 5	0.2	5.56	530	< 0.5	50	4.70	< 0.5	84	66	1535	5.74	2.46	4.16
509171	205 274	< 5	< 0.2	5.82	350	< 0.5	< 2	4.62	< 0.5	17	140	3	4.74	3.13	3.49
509172	205 274	< 5	< 0.2	6.59	2700	< 0.5	4	3.84	< 0.5	26	90	39	4.44	3.33	3.50
546505	205 274	< 5	< 0.2	6.77	460	< 0.5	< 2	1.99	< 0.5	28	107	27	6.60	4.44	3.21
546506	205 274	< 5	0.2	4.48	450	< 0.5	< 2	3.26	< 0.5	33	78	< 1	12.50	2.97	1.97
546507	205 274	< 5	< 0.2	4.53	510	< 0.5	2	6.30	< 0.5	24	116	500	3.90	4.12	3.40
546508	205 274	< 5	< 0.2	2.80	430	< 0.5	< 2	9.47	< 0.5	14	79	21	2.28	3.41	5.84
546509	205 274	< 5	< 0.2	7.57	1190	< 0.5	< 2	1.34	< 0.5	45	183	42	7.93	1.18	4.98
546510	205 274	< 5	< 0.2	0.52	110	< 0.5	< 2	17.10	< 0.5	15	13	115	3.25	0.57	9.66
546511	205 274	< 5	< 0.2	2.37	220	< 0.5	< 2	10.00	< 0.5	11	141	168	2.30	2.86	5.97
546512	205 274	< 5	< 0.2	0.18	790	< 0.5	< 2	18.45	< 0.5	16	11	2950	4.72	0.11	9.68
546513	205 274	< 5	< 0.2	5.09	240	< 0.5	< 2	2.96	0.5	54	81	2740	10.25	2.69	3.76
546514	205 274	< 5	< 0.2	1.05	20	< 0.5	< 2	0.11	< 0.5	< 1	71	44	>25.0	0.05	0.29
546515	205 274	< 5	< 0.2	4.19	260	< 0.5	< 2	11.00	< 0.5	15	82	24	4.30	2.64	6.64
546516	205 274	< 5	< 0.2	0.96	110	< 0.5	< 2	14.80	< 0.5	18	54	82	3.31	0.76	8.29
546517	205 274	< 5	< 0.2	6.05	380	< 0.5	< 2	2.23	< 0.5	26	159	12	6.42	2.25	4.09
546606	205 274	280	8.4	0.57	50	< 0.5	< 2	18.70	< 0.5	1525	21	>10000	2.45	0.40	10.80

CERTIFICATION: *Hart Buchler*



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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: MONSTER-EAST
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Page Number: 1-B
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CERTIFICATE OF ANALYSIS A9317633

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
485001	205 274	790	3	2.45	71	460	336	47	0.21	128	< 10	1135			
485002	205 274	2480	< 1	0.04	13	300	6	25	0.06	36	< 10	52			
485003	205 274	85	7	< 0.01	6	250	< 2	81	< 0.01	12	< 10	68			
485004	205 274	185	11	0.03	46	20	52	2	0.03	12	< 10	90			
485005	205 274	4900	< 1	0.06	22	380	< 2	26	0.07	43	10	26			
485006	205 274	3370	< 1	0.03	21	< 10	< 2	26	0.09	58	180	266			
485007	205 274	3580	< 1	0.09	23	150	< 2	20	0.49	167	90	168			
485008	205 274	1085	16	0.79	45	970	< 2	17	0.41	314	< 10	90			
485009	205 274	1605	2	0.11	15	640	< 2	17	0.24	96	< 10	28			
485010	205 274	825	22	0.90	44	750	< 2	14	0.37	331	< 10	66			
485011	205 274	1095	6	0.10	23	570	< 2	24	0.21	134	< 10	28			
485012	205 274	1460	3	2.37	27	490	< 2	16	0.29	82	< 10	50			
485013	205 274	2060	1	3.21	9	1370	< 2	24	0.17	50	< 10	16			
485014	205 274	1050	1	1.86	44	580	< 2	21	0.23	96	< 10	46			
485015	205 274	1750	2	3.38	16	790	< 2	33	0.22	52	< 10	22			
485016	205 274	2240	< 1	1.76	29	730	< 2	26	0.21	70	< 10	22			
485017	205 274	50	< 1	0.02	3	30	6	6	0.01	3	< 10	4			
485018	205 274	3210	1	1.56	13	820	< 2	37	0.19	44	< 10	20			
509165	205 274	2570	1	0.98	62	420	16	178	0.63	302	< 10	914			
509166	205 274	2260	< 1	0.20	28	910	< 2	26	0.23	81	< 10	44			
509167	205 274	530	< 1	0.38	36	710	< 2	58	0.25	125	< 10	46			
509168	205 274	520	1	4.00	31	700	< 2	31	0.23	73	< 10	20			
509169	205 274	2230	1	1.56	13	920	< 2	26	0.27	50	< 10	12			
509170	205 274	3020	2	0.19	45	530	< 2	60	0.39	140	< 10	38			
509171	205 274	2250	< 1	1.01	26	860	< 2	22	0.22	73	< 10	24			
509172	205 274	1990	2	0.73	30	900	< 2	27	0.26	69	< 10	30			
546505	205 274	1750	1	0.20	41	790	< 2	14	0.34	144	< 10	46			
546506	205 274	2240	8	0.16	18	760	< 2	19	0.12	47	< 10	26			
546507	205 274	3200	< 1	0.14	10	820	< 2	29	0.19	49	< 10	14			
546508	205 274	3000	< 1	0.07	7	550	< 2	38	0.09	29	< 10	16			
546509	205 274	1760	< 1	2.19	85	500	< 2	62	0.74	299	< 10	132			
546510	205 274	4850	< 1	0.03	12	260	< 2	26	0.01	21	< 10	16			
546511	205 274	3490	< 1	0.10	8	490	< 2	27	0.09	29	< 10	18			
546512	205 274	4590	< 1	0.02	17	40	< 2	25	< 0.01	28	10	34			
546513	205 274	1650	2	0.13	45	870	< 2	10	0.18	155	< 10	54			
546514	205 274	50	5	0.44	18	< 10	< 2	2	0.14	95	< 10	44			
546515	205 274	4290	< 1	0.09	20	540	< 2	17	0.13	43	< 10	16			
546516	205 274	5890	< 1	0.02	2	280	< 2	29	0.03	20	< 10	14			
546517	205 274	1295	< 1	0.17	50	720	< 2	16	0.25	103	< 10	46			
546606	205 274	4820	4	0.02	204	30	6	26	0.02	31	20	118			

CERTIFICATION:

Hart Buchler



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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
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Project: MONSTER-EAST
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CERTIFICATE OF ANALYSIS A9317633

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
546607	205	274	40	2.2	3.15	140	< 0.5	< 2	2.66	< 0.5	934	142	6970	4.10	1.03	3.02
546608	205	274	< 5	6.8	4.20	250	< 0.5	< 2	4.47	0.5	204	53	9310	3.83	2.34	3.70
546609	205	274	295	0.2	3.69	250	< 0.5	6	5.33	< 0.5	>10000	94	1045	3.17	1.95	4.30
546610	205	274	460	24.4	0.38	40	< 0.5	< 2	16.45	< 0.5	7490	29	>10000	4.03	0.22	9.02
546611	205	274	15	3.6	5.93	340	< 0.5	< 2	4.64	< 0.5	555	110	>10000	2.59	3.09	3.05
546612	205	274	< 5	0.2	5.73	350	< 0.5	< 2	2.82	< 0.5	56	97	279	4.68	2.84	2.62
546613	205	274	< 5	< 0.2	6.18	1240	< 0.5	< 2	3.58	< 0.5	19	120	56	3.36	1.57	2.42
546614	205	274	< 5	1.8	6.17	680	< 0.5	< 2	0.70	< 0.5	13	92	>10000	3.36	3.58	1.03
546615	205	274	< 5	< 0.2	7.12	420	< 0.5	< 2	1.00	< 0.5	23	85	99	6.89	2.14	1.49
546717	205	274	< 5	0.2	1.42	120	< 0.5	< 2	4.17	0.5	74	41	325	17.50	0.52	2.58
546718	205	274	< 5	< 0.2	6.54	700	< 0.5	< 2	2.19	< 0.5	7	119	21	3.84	5.09	1.64
546719	205	274	< 5	< 0.2	3.17	680	< 0.5	< 2	5.79	< 0.5	18	110	130	2.15	3.01	3.60
546720	205	274	< 5	< 0.2	5.15	430	< 0.5	< 2	5.35	< 0.5	11	89	13	3.01	4.06	3.46
546721	205	274	< 5	< 0.2	6.38	100	< 0.5	< 2	6.21	< 0.5	36	26	>10000	5.80	0.10	2.32
546722	205	274	< 5	< 0.2	5.98	1030	< 0.5	< 2	3.18	< 0.5	67	97	18	5.30	3.23	2.25
546723	205	274	< 5	< 0.2	4.80	1900	< 0.5	< 2	4.57	< 0.5	12	79	45	2.91	4.19	3.45
546724	205	274	< 5	< 0.2	3.34	300	< 0.5	< 2	3.56	< 0.5	31	136	3010	3.33	1.96	2.92
546725	205	274	< 5	< 0.2	4.26	440	< 0.5	< 2	5.61	< 0.5	15	65	8060	1.95	4.52	3.30
546726	205	274	< 5	< 0.2	4.42	440	< 0.5	< 2	3.78	< 0.5	7	84	932	2.01	4.85	2.54
546727	205	274	< 5	< 0.2	6.89	540	< 0.5	< 2	2.03	< 0.5	16	133	< 1	5.14	4.75	2.47
546728	205	274	< 5	< 0.2	5.65	680	< 0.5	4	5.75	< 0.5	24	134	55	3.13	2.51	3.52
546729	205	274	< 5	< 0.2	6.36	590	< 0.5	< 2	0.37	< 0.5	6	148	382	4.18	3.13	0.99
546730	205	274	< 5	< 0.2	7.57	430	< 0.5	< 2	1.91	< 0.5	30	127	11	8.36	0.81	5.12
546731	205	274	< 5	< 0.2	6.36	500	< 0.5	< 2	4.45	< 0.5	27	97	1475	5.35	3.46	2.79
546732	205	274	115	3.2	6.25	2080	< 0.5	< 2	4.65	< 0.5	191	79	>10000	5.76	3.93	3.98
546733	205	274	< 5	< 0.2	6.17	590	< 0.5	< 2	3.13	< 0.5	21	202	2590	3.34	3.42	3.14
546734	205	274	5	< 0.2	6.17	170	< 0.5	< 2	2.26	< 0.5	61	113	>10000	4.19	0.97	2.64
546735	205	274	15	< 0.2	0.46	160	< 0.5	< 2	5.00	< 0.5	26	244	130	7.09	0.08	2.20
546736	205	274	< 5	< 0.2	5.34	340	< 0.5	< 2	3.87	< 0.5	16	135	105	4.45	2.44	3.34
546737	205	274	< 5	< 0.2	5.85	380	< 0.5	< 2	4.13	< 0.5	18	137	95	3.54	3.65	3.57
546738	205	274	< 5	< 0.2	5.10	320	< 0.5	< 2	5.50	< 0.5	19	124	15	3.99	2.06	4.18

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CERTIFICATE OF ANALYSIS A9317633

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
546607	205 274	1015	2	0.06	73	330	< 2	10	0.10	47	< 10	72			
546608	205 274	2020	< 1	0.08	71	420	10	13	0.10	52	< 10	84			
546609	205 274	1590	2	0.10	250	370	64	15	0.11	45	60	84			
546610	205 274	4550	8	0.02	252	< 10	24	26	< 0.01	27	90	202			
546611	205 274	2370	3	0.13	48	730	14	21	0.16	56	20	74			
546612	205 274	1375	< 1	0.91	28	710	< 2	17	0.22	66	< 10	32			
546613	205 274	1575	< 1	2.32	14	660	< 2	35	0.28	76	< 10	22			
546614	205 274	490	1	0.11	20	1090	< 2	13	0.27	76	10	96			
546615	205 274	765	1	2.82	30	990	< 2	25	0.65	236	< 10	34			
546717	205 274	2200	22	0.03	12	580	< 2	9	0.04	152	< 10	60			
546718	205 274	645	1	0.12	17	710	< 2	15	0.28	91	< 10	30			
546719	205 274	2440	< 1	0.05	13	390	16	19	0.12	52	< 10	56			
546720	205 274	2370	1	0.13	11	820	16	26	0.22	52	< 10	56			
546721	205 274	1010	< 1	2.89	43	1020	< 2	28	0.81	204	10	72			
546722	205 274	3480	< 1	0.09	18	800	< 2	47	0.26	57	< 10	28			
546723	205 274	2430	1	0.15	17	760	< 2	44	0.21	45	< 10	20			
546724	205 274	3310	< 1	0.03	17	430	< 2	16	0.14	50	10	26			
546725	205 274	3100	1	0.12	7	680	< 2	28	0.18	26	10	36			
546726	205 274	2060	< 1	0.11	11	690	< 2	25	0.16	33	< 10	16			
546727	205 274	1265	1	0.14	34	740	4	12	0.24	78	< 10	32			
546728	205 274	2700	2	1.52	19	800	4	40	0.17	59	< 10	26			
546729	205 274	505	< 1	1.90	19	530	< 2	23	0.17	52	< 10	48			
546730	205 274	1795	1	1.73	61	420	< 2	45	0.67	306	< 10	128			
546731	205 274	1455	< 1	0.53	38	820	< 2	49	0.28	121	< 10	42			
546732	205 274	2250	< 1	0.50	34	650	< 2	32	0.21	106	10	98			
546733	205 274	1600	1	0.26	30	800	< 2	13	0.25	76	< 10	34			
546734	205 274	1330	3	2.38	37	780	< 2	16	0.33	56	10	80			
546735	205 274	3070	2	0.11	3	370	< 2	16	0.01	34	< 10	20			
546736	205 274	1605	1	1.02	26	890	< 2	19	0.19	62	< 10	24			
546737	205 274	1505	< 1	0.77	22	860	< 2	23	0.21	66	< 10	24			
546738	205 274	2150	1	1.36	20	920	< 2	25	0.19	53	< 10	22			

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9315810

Comments:

CERTIFICATE

A9315810

EQUITY ENGINEERING LTD.

Project: MONSTER
P.O. #: JR93-01

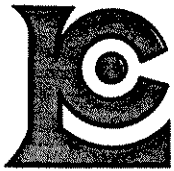
Samples submitted to our lab in Vancouver, BC.
This report was printed on 28-JUN-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	2	Geochem ring to approx 150 mesh
226	2	0-5 lb crush and split
285	2	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	2	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	2	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	2	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	2	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	2	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	2	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	2	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	2	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	2	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	2	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	2	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	2	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	2	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	2	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	2	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	2	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	2	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	2	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	2	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	2	Pb ppm: 24 element, rock & core	AAS	2	10000
582	2	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	2	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	2	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	2	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	2	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: MONSTER
Comments:

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P.O. Number : JR93-01
Account : EIA

CERTIFICATE OF ANALYSIS A9315810

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
352 Monster West 756	205 205	226 226	15 20	2.4 1.2	5.67 6.85	320 520	0.5 < 0.5	< 2 < 2	1.71 1.18	< 0.5 < 0.5	62 84	165 87	3530 >10000	11.70 3.47	2.83 5.96	2.22 1.58

CERTIFICATION: *Haut Bichler*



Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

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207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

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CERTIFICATE OF ANALYSIS A9315810

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
	352 756	205 205	226 226	810 690	3 3	0.16 0.82	123 37	1670 510	< 2 4	11 24	0.28 0.20	428 32	20 20	46 50		

CERTIFICATION: Hart Bichler



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9316829

Comments:

CERTIFICATE

A9316829

EQUITY ENGINEERING LTD.

Project: MONSTER
P.O. #: JR93-01

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JUL-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
301	1	Cu %: Reverse Aqua-Regia digest	AAS	0.01	100.0



Chemex Labs Ltd.

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

TO: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9318728

Comments: CC: PAMICON DEV. LTD.

CERTIFICATE

A9318728

EQUITY ENGINEERING LTD.

Project: MONSTER-EAST
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-AUG-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	11	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
301	10	Cu %: Reverse Aqua-Regia digest	AAS	0.01	100.0
323	1	Co %: HClO ₄ -HNO ₃ digestion	AAS	0.001	100.00



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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : MONSTER-EAST
Comments: CC: PAMICON DEV. LTD.

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P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS

A9318728

SAMPLE	PREP CODE	Cu %	Co %								
485006	244 --	6.68	-----								
485007	244 --	4.21	-----								
485008	244 --	1.08	-----								
546606	244 --	1.20	-----								
546609	244 --	-----	1.34								
546610	244 --	2.90	-----								
546611	244 --	1.42	-----								
546614	244 --	1.16	-----								
546721	244 --	1.01	-----								
546732	244 --	1.39	-----								
546734	244 --	1.42	-----								

CERTIFICATION:

Said Zinab



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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9317634

Comments: CC: PAMICON DEV LTD.

CERTIFICATE

A9317634

EQUITY ENGINEERING LTD.

Project: MONSTER-EAST
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-JUL-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	178	Dry, sieve to -80 mesh
285	178	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	178	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	178	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	178	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	178	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	178	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	178	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	178	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	178	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	178	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	178	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	178	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	178	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	178	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	178	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	178	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	178	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	178	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	178	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	178	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	178	Pb ppm: 24 element, rock & core	AAS	2	10000
582	178	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	178	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	178	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	178	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	178	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



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207 - 675 W. HASTINGS ST.
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Project : MONSTER-EAST
 Comments : CC: PAMICON DEV LTD.

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 Total Pages : 5
 Certificate Date : 30-JUL-93
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 P.O. Number :
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CERTIFICATE OF ANALYSIS A9317634

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
L5000N-4900E	201 285	< 5	< 0.2	4.90	910	< 0.5	< 2	2.02	< 0.5	17	39	130	5.93	3.46	1.30
L5000N-4950E	201 285	< 5	< 0.2	4.96	1170	0.5	< 2	3.05	< 0.5	17	56	139	5.22	3.60	2.15
L5000N-5000E	201 285	< 5	< 0.2	6.24	1590	0.5	< 2	1.18	< 0.5	25	57	223	7.93	2.65	1.22
L5000N-5050E	201 285	< 5	< 0.2	6.75	1200	1.0	< 2	1.41	< 0.5	20	48	138	5.08	1.67	0.88
L5000N-5100E	201 285	< 5	< 0.2	7.41	870	1.0	< 2	1.32	< 0.5	15	33	54	3.35	1.77	0.62
L5000N-5150E	201 285	< 5	< 0.2	7.67	1000	1.5	< 2	1.43	< 0.5	11	36	37	3.24	1.84	0.74
L5000N-5200E	201 285	< 5	< 0.2	8.15	930	2.0	< 2	1.07	< 0.5	19	60	46	3.97	2.13	0.84
L5000N-5250E	201 285	< 5	< 0.2	6.28	1410	1.0	< 2	1.06	< 0.5	22	56	169	6.13	2.55	0.87
L5200N-4900E	201 285	< 5	< 0.2	5.36	1280	0.5	< 2	0.53	< 0.5	21	41	96	7.07	3.68	0.54
L5200N-4950E	201 285	< 5	< 0.2	4.52	1050	< 0.5	< 2	1.14	< 0.5	24	36	74	8.36	2.85	0.71
L5200N-5000E	201 285	< 5	< 0.2	5.32	1020	0.5	< 2	0.78	< 0.5	17	47	59	6.73	2.65	0.68
L5200N-5050E	201 285	< 5	< 0.2	6.43	1540	1.0	< 2	1.04	< 0.5	28	132	71	5.66	1.28	2.05
L5200N-5100E	201 285	< 5	< 0.2	7.45	4560	1.0	< 2	1.39	< 0.5	32	80	250	6.78	1.64	1.83
L5200N-5150E	201 285	< 5	< 0.2	6.59	890	0.5	< 2	0.74	< 0.5	29	223	106	5.99	1.22	2.02
L5200N-5200E	201 285	< 5	< 0.2	7.00	1370	1.0	< 2	1.15	< 0.5	37	129	550	6.42	1.50	2.47
L5200N-5250E	201 285	< 5	< 0.2	7.37	960	1.5	< 2	0.80	< 0.5	32	92	958	5.66	2.10	1.66
L5300N-4900E	201 285	< 5	< 0.2	4.03	920	< 0.5	< 2	4.16	< 0.5	40	29	138	8.58	3.18	2.54
L5300N-4950E	201 285	< 5	< 0.2	5.06	1760	< 0.5	< 2	1.08	< 0.5	30	42	127	9.28	3.16	0.92
L5300N-5000E	201 285	< 5	< 0.2	5.56	710	0.5	< 2	1.12	< 0.5	16	29	32	5.41	2.27	0.49
L5300N-5050E	201 285	< 5	< 0.2	4.80	1240	< 0.5	< 2	1.07	< 0.5	20	37	80	7.58	2.82	0.65
L5300N-5100E	201 285	< 5	< 0.2	5.35	800	0.5	< 2	1.01	< 0.5	13	56	32	5.58	2.35	0.67
L5300N-5150E	201 285	< 5	< 0.2	8.78	820	3.5	2	0.58	< 0.5	61	93	296	5.67	2.31	1.05
L5300N-5200E	201 285	< 5	< 0.2	8.08	910	1.5	< 2	0.89	< 0.5	27	92	90	5.07	2.00	1.02
L5300N-5250E	201 285	< 5	< 0.2	7.14	840	1.5	< 2	1.09	< 0.5	26	89	122	4.08	1.77	1.05
L5400N-4250E	201 285	< 5	< 0.2	2.95	1120	< 0.5	< 2	4.40	< 0.5	26	36	193	5.62	1.06	2.87
L5400N-4300E	201 285	< 5	< 0.2	5.98	3350	0.5	< 2	4.64	< 0.5	30	70	152	5.03	2.91	4.03
L5400N-4350E	201 285	< 5	< 0.2	5.61	2440	1.0	< 2	5.55	< 0.5	40	61	313	6.00	2.75	4.30
L5400N-4400E	201 285	< 5	< 0.2	6.71	2480	1.0	< 2	2.70	< 0.5	35	87	210	6.42	2.94	3.35
L5400N-4450E	201 285	< 5	< 0.2	3.97	1530	0.5	2	6.97	< 0.5	21	38	85	4.77	2.37	4.42
L5400N-4500E	201 285	< 5	< 0.2	5.24	1140	< 0.5	< 2	1.26	< 0.5	22	42	96	6.17	2.93	0.82
L5400N-4550E	201 285	10	< 0.2	4.35	1100	< 0.5	< 2	1.25	< 0.5	24	40	197	8.58	2.75	0.79
L5400N-4600E	201 285	< 5	< 0.2	2.77	1100	< 0.5	< 2	10.40	< 0.5	20	22	93	4.25	2.44	6.32
L5400N-4650E	201 285	< 5	< 0.2	3.17	9370	< 0.5	< 2	8.92	< 0.5	22	31	152	4.71	2.74	5.49
L5400N-4700E	201 285	< 5	< 0.2	3.96	1300	< 0.5	< 2	1.78	< 0.5	30	40	405	10.60	2.07	1.00
L5400N-4750E	201 285	< 5	< 0.2	5.07	1250	0.5	< 2	1.44	< 0.5	25	41	153	8.02	2.34	0.73
L5400N-4800E	201 285	< 5	< 0.2	3.88	790	< 0.5	< 2	5.22	< 0.5	19	33	81	4.80	2.83	3.09
L5400N-4850E	201 285	< 5	< 0.2	4.71	1200	< 0.5	< 2	4.26	< 0.5	18	42	70	4.97	3.40	3.15
L5400N-4900E	201 285	< 5	< 0.2	4.74	700	< 0.5	< 2	0.83	< 0.5	23	38	41	8.18	2.65	0.44
L5400N-4950E	201 285	< 5	< 0.2	4.67	770	< 0.5	< 2	1.09	< 0.5	17	34	50	6.08	3.49	0.51
L5400N-5000E	201 285	< 5	< 0.2	3.48	900	< 0.5	< 2	3.61	< 0.5	23	30	22	7.15	2.47	2.16

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER-EAST
 Comments: CC: PAMICON DEV LTD.

Page Number : 1-B
 Total Pages : 5
 Certificate Date: 30-JUL-93
 Invoice No. : 19317634
 P.O. Number :
 Account : EIA

CERTIFICATE OF ANALYSIS A9317634

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
L5000N-4900E	201 285	9270	< 1	0.28	20	1860	< 2	50	0.18	58	< 10	58			
L5000N-4950E	201 285	5630	1	0.34	17	1750	< 2	62	0.22	63	< 10	46			
L5000N-5000E	201 285	6460	2	0.44	25	1410	< 2	78	0.25	88	< 10	72			
L5000N-5050E	201 285	2560	2	1.12	18	1480	10	216	0.31	79	< 10	102			
L5000N-5100E	201 285	1440	1	1.59	10	980	10	359	0.31	62	< 10	74			
L5000N-5150E	201 285	890	< 1	1.68	10	1050	6	314	0.32	63	< 10	84			
L5000N-5200E	201 285	1615	1	1.20	16	1230	8	211	0.37	94	< 10	68			
L5000N-5250E	201 285	6440	1	0.49	23	1340	8	80	0.22	77	< 10	70			
L5200N-4900E	201 285	8220	1	0.28	26	1030	< 2	39	0.18	63	< 10	48			
L5200N-4950E	201 285	>10000	1	0.19	27	1760	< 2	36	0.16	58	< 10	74			
L5200N-5000E	201 285	7590	1	0.45	27	1320	< 2	84	0.26	74	< 10	60			
L5200N-5050E	201 285	1920	< 1	1.02	46	980	4	159	0.44	154	< 10	100			
L5200N-5100E	201 285	3190	1	1.01	36	1610	8	178	0.40	132	< 10	120			
L5200N-5150E	201 285	2610	2	0.87	49	1170	8	116	0.44	198	< 10	440			
L5200N-5200E	201 285	2880	< 1	1.08	57	580	12	141	0.50	211	< 10	302			
L5200N-5250E	201 285	1455	1	0.95	42	640	6	118	0.45	167	< 10	152			
L5300N-4900E	201 285	>10000	1	0.16	34	1280	12	32	0.13	51	< 10	90			
L5300N-4950E	201 285	>10000	1	0.29	29	1380	6	44	0.18	65	< 10	84			
L5300N-5000E	201 285	4570	2	0.89	13	1670	6	186	0.23	61	< 10	94			
L5300N-5050E	201 285	9910	1	0.27	21	1430	< 2	45	0.18	58	< 10	64			
L5300N-5100E	201 285	4810	1	0.46	24	1530	4	75	0.24	74	< 10	70			
L5300N-5150E	201 285	2670	1	0.67	43	1630	12	94	0.45	110	< 10	86			
L5300N-5200E	201 285	1485	1	1.00	32	1060	16	159	0.52	126	< 10	96			
L5300N-5250E	201 285	1175	< 1	1.10	36	960	12	170	0.46	115	< 10	80			
L5400N-4250E	201 285	7740	1	0.28	24	830	6	66	0.14	60	< 10	70			
L5400N-4300E	201 285	3160	1	0.24	32	840	6	65	0.34	129	< 10	104			
L5400N-4350E	201 285	7790	1	0.28	28	1270	14	61	0.27	113	< 10	130			
L5400N-4400E	201 285	3690	< 1	0.28	35	1110	18	66	0.46	170	< 10	144			
L5400N-4450E	201 285	4470	< 1	0.20	19	1270	< 2	41	0.15	60	< 10	46			
L5400N-4500E	201 285	5540	4	0.47	29	1240	4	82	0.21	74	< 10	84			
L5400N-4550E	201 285	7820	1	0.26	39	1480	< 2	47	0.16	63	< 10	70			
L5400N-4600E	201 285	4900	< 1	0.09	17	810	< 2	40	0.10	39	< 10	42			
L5400N-4650E	201 285	5800	< 1	0.19	18	990	< 2	43	0.12	42	< 10	50			
L5400N-4700E	201 285	>10000	1	0.29	38	1610	< 2	49	0.16	71	< 10	88			
L5400N-4750E	201 285	>10000	1	0.58	32	1730	4	96	0.17	66	< 10	84			
L5400N-4800E	201 285	5830	< 1	0.29	20	1960	4	60	0.18	49	< 10	52			
L5400N-4850E	201 285	5030	1	0.43	21	1440	2	72	0.20	54	< 10	52			
L5400N-4900E	201 285	>10000	1	0.25	23	2100	< 2	36	0.14	61	< 10	190			
L5400N-4950E	201 285	9520	< 1	0.30	21	1780	< 2	50	0.14	45	< 10	68			
L5400N-5000E	201 285	>10000	1	0.07	20	1690	< 2	21	0.09	43	< 10	62			

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER-EAST
 Comments: CC: PAMICON DEV LTD.

Page Number : 2-A
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 Invoice No. : 19317634
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 Account : EIA

CERTIFICATE OF ANALYSIS A9317634

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
L5400N-5050E	201 285	< 5	< 0.2	5.74	1180	1.0	< 2	1.07	< 0.5	26	77	268	6.39	2.35	1.11
L5400N-5100E	201 285	< 5	< 0.2	8.29	670	2.0	< 2	0.72	< 0.5	53	96	290	7.20	2.08	1.09
L5400N-5150E	201 285	< 5	< 0.2	6.47	670	1.0	< 2	0.75	< 0.5	22	75	86	4.32	1.56	0.82
L5400N-5200E	201 285	< 5	< 0.2	6.45	800	1.0	< 2	0.63	< 0.5	17	82	71	4.81	1.51	0.80
L5500N-4900E	201 285	< 5	< 0.2	8.14	1010	2.5	< 2	0.95	< 0.5	50	91	531	5.75	2.59	1.11
L5500N-4950E	201 285	< 5	< 0.2	7.65	880	1.5	< 2	0.98	< 0.5	44	67	230	5.39	2.29	0.97
L5500N-5000E	201 285	< 5	< 0.2	6.30	1390	1.0	< 2	0.84	< 0.5	37	67	351	7.24	3.04	1.12
L5500N-5050E	201 285	25	< 0.2	6.22	1250	1.0	< 2	0.57	< 0.5	33	71	270	5.80	4.01	0.88
L5500N-5100E	201 285	< 5	< 0.2	5.73	1170	1.0	< 2	0.66	< 0.5	26	65	243	6.14	3.29	0.85
L5500N-5150E	201 285	< 5	< 0.2	5.89	1060	1.0	< 2	1.06	< 0.5	22	66	211	6.47	2.84	1.02
L5500N-5200E	201 285	< 5	< 0.2	5.66	1320	1.0	< 2	1.18	< 0.5	25	65	208	6.41	2.63	0.99
L5600N-4300E	201 285	< 5	< 0.2	6.25	3210	1.0	< 2	2.72	< 0.5	34	151	287	5.83	3.15	3.23
L5600N-4350E	201 285	< 5	< 0.2	6.02	1250	1.0	< 2	2.54	< 0.5	36	155	217	5.21	3.32	2.42
L5600N-4400E	201 285	< 5	< 0.2	6.60	6890	1.0	< 2	0.99	< 0.5	43	60	226	6.80	1.95	1.58
L5600N-4450E	201 285	< 5	< 0.2	7.92	7360	1.0	< 2	1.70	< 0.5	67	96	351	7.55	2.20	3.47
L5600N-4500E	201 285	< 5	< 0.2	5.25	4060	0.5	< 2	1.69	< 0.5	40	47	109	10.35	1.73	2.16
L5600N-4550E	201 285	< 5	< 0.2	6.37	2470	1.0	< 2	0.76	< 0.5	33	55	74	7.98	2.02	1.41
L5600N-4600E	201 285	< 5	< 0.2	5.82	2660	1.0	< 2	1.64	< 0.5	53	55	232	7.51	2.29	2.00
L5600N-4650E	201 285	< 5	< 0.2	4.43	1410	0.5	< 2	6.78	< 0.5	44	46	199	5.58	2.25	4.41
L5600N-4700E	201 285	< 5	< 0.2	5.52	2100	0.5	< 2	1.92	< 0.5	63	57	242	6.90	2.26	2.11
L5600N-4750E	201 285	< 5	< 0.2	6.04	890	1.0	< 2	0.83	< 0.5	14	54	128	6.82	3.19	0.73
L5600N-4800E	201 285	< 5	< 0.2	7.27	1080	1.0	< 2	0.58	< 0.5	34	83	222	6.38	2.62	1.07
L5600N-4850E	201 285	< 5	< 0.2	8.27	960	3.0	< 2	0.65	< 0.5	55	77	351	5.52	2.15	1.05
L5600N-4900E	201 285	< 5	< 0.2	5.62	620	0.5	< 2	0.39	< 0.5	19	66	93	12.10	1.76	0.64
L5600N-4950E	201 285	< 5	< 0.2	6.41	810	1.0	< 2	0.60	< 0.5	20	73	101	7.95	1.83	0.84
L5600N-5000E	201 285	< 5	< 0.2	5.94	760	0.5	< 2	0.52	< 0.5	14	69	33	5.44	1.80	0.64
L5600N-5050E	201 285	< 5	< 0.2	5.87	950	0.5	< 2	0.83	< 0.5	24	71	168	7.86	2.10	0.77
L5600N-5100E	201 285	< 5	< 0.2	5.72	980	0.5	< 2	0.62	< 0.5	28	75	170	7.91	2.34	0.75
L5600N-5150E	201 285	< 5	< 0.2	6.18	1120	1.0	< 2	0.85	< 0.5	24	78	77	6.20	1.87	0.94
L5600N-5200E	201 285	< 5	< 0.2	6.30	1320	1.0	< 2	0.67	< 0.5	25	88	92	5.79	2.03	0.97
L5700N-4300E	201 285	< 5	< 0.2	5.90	1470	1.0	< 2	2.99	< 0.5	26	149	188	5.70	2.45	2.68
L5700N-4350E	201 285	< 5	< 0.2	6.77	1170	1.5	< 2	1.42	< 0.5	40	72	200	5.39	3.48	1.64
L5700N-4400E	201 285	< 5	< 0.2	8.28	3710	2.0	< 2	0.66	< 0.5	29	89	270	4.91	2.73	1.10
L5700N-4450E	201 285	< 5	< 0.2	3.83	1160	0.5	< 2	1.44	< 0.5	34	46	236	4.24	1.13	0.84
L5700N-4500E	201 285	10	< 0.2	5.63	1540	1.0	< 2	0.88	< 0.5	59	59	182	8.60	2.11	1.23
L5700N-4550E	201 285	< 5	< 0.2	6.24	5270	< 0.5	< 2	0.78	< 0.5	59	92	198	8.43	1.40	1.54
L5700N-4600E	201 285	< 5	< 0.2	4.81	1790	0.5	< 2	2.08	< 0.5	47	48	270	7.97	2.11	1.95
L5700N-4650E	201 285	< 5	< 0.2	6.18	2250	0.5	< 2	0.63	< 0.5	56	68	576	8.73	2.12	1.75
L5700N-4700E	201 285	< 5	< 0.2	6.01	1950	1.0	< 2	1.75	< 0.5	58	61	470	6.44	2.76	2.14
L5700N-4750E	201 285	30	< 0.2	8.40	3390	2.5	2	1.63	< 0.5	47	119	417	5.27	3.51	2.29

CERTIFICATION: *Hart Buchler*



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L5400N-5050E	201 285	6270	1	0.60	33	1250	4	92	0.31	111	< 10	78			
L5400N-5100E	201 285	1150	5	0.79	49	2260	12	115	0.44	119	< 10	102			
L5400N-5150E	201 285	950	2	0.89	26	1330	12	137	0.41	114	< 10	74			
L5400N-5200E	201 285	800	2	0.87	27	1370	12	121	0.46	136	< 10	80			
L5500N-4900E	201 285	2920	2	1.04	45	1030	14	151	0.43	114	< 10	88			
L5500N-4950E	201 285	3190	1	1.29	30	1340	16	212	0.36	94	< 10	90			
L5500N-5000E	201 285	6700	< 1	0.38	33	1270	10	57	0.23	91	< 10	100			
L5500N-5050E	201 285	5070	1	0.33	30	1590	8	48	0.27	81	< 10	60			
L5500N-5100E	201 285	5460	< 1	0.33	27	1050	8	48	0.18	81	< 10	70			
L5500N-5150E	201 285	3450	2	0.40	24	1330	10	57	0.22	91	< 10	96			
L5500N-5200E	201 285	5370	2	0.54	29	1410	12	75	0.24	94	< 10	90			
L5600N-4300E	201 285	4260	< 1	0.27	44	1110	< 2	33	0.29	117	< 10	94			
L5600N-4350E	201 285	4580	1	0.23	37	1070	4	32	0.27	108	< 10	84			
L5600N-4400E	201 285	4360	2	0.85	39	1350	4	60	0.43	192	< 10	80			
L5600N-4450E	201 285	4200	1	0.84	76	850	< 2	55	0.38	237	< 10	94			
L5600N-4500E	201 285	>10000	2	0.50	30	1430	< 2	30	0.17	81	< 10	54			
L5600N-4550E	201 285	9980	6	0.89	22	1360	< 2	36	0.22	87	< 10	44			
L5600N-4600E	201 285	6910	3	0.54	37	1300	38	50	0.23	117	< 10	76			
L5600N-4650E	201 285	6640	3	0.42	28	910	8	33	0.16	95	< 10	44			
L5600N-4700E	201 285	8250	6	0.51	36	1120	20	29	0.20	119	< 10	60			
L5600N-4750E	201 285	4820	< 1	0.56	24	1600	4	89	0.21	78	< 10	84			
L5600N-4800E	201 285	3860	4	0.60	35	1210	12	79	0.34	111	< 10	84			
L5600N-4850E	201 285	2160	1	0.77	42	1300	22	109	0.30	92	< 10	84			
L5600N-4900E	201 285	1315	5	0.59	17	1730	24	80	0.33	110	< 10	88			
L5600N-4950E	201 285	2510	2	0.66	27	1860	24	98	0.34	110	< 10	88			
L5600N-5000E	201 285	1930	2	0.70	22	870	16	99	0.38	117	< 10	74			
L5600N-5050E	201 285	6410	2	0.52	33	970	8	87	0.27	104	< 10	86			
L5600N-5100E	201 285	6950	1	0.45	29	1110	10	62	0.25	97	< 10	74			
L5600N-5150E	201 285	4060	1	0.77	30	1060	8	110	0.33	116	< 10	78			
L5600N-5200E	201 285	4080	1	0.70	34	1040	10	103	0.35	113	< 10	68			
L5700N-4300E	201 285	4390	1	0.43	30	1200	< 2	90	0.32	107	< 10	70			
L5700N-4350E	201 285	5690	2	0.32	27	1330	14	48	0.32	90	< 10	102			
L5700N-4400E	201 285	2450	1	0.71	32	940	6	88	0.38	138	< 10	62			
L5700N-4450E	201 285	4020	3	0.42	25	2150	12	55	0.20	109	< 10	76			
L5700N-4500E	201 285	8870	6	0.55	38	1280	32	58	0.24	95	< 10	68			
L5700N-4550E	201 285	9070	2	1.33	29	1050	14	34	0.34	211	< 10	56			
L5700N-4600E	201 285	9860	2	0.51	32	1110	16	64	0.19	87	< 10	74			
L5700N-4650E	201 285	5410	8	0.48	40	1200	24	44	0.24	107	< 10	70			
L5700N-4700E	201 285	4480	2	0.52	35	1130	14	33	0.23	88	< 10	50			
L5700N-4750E	201 285	3310	7	0.43	48	1090	12	33	0.33	99	< 10	60			

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
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To: EQUITY ENGINEERING LTD.

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L5700N-4800E	201 285	< 5	< 0.2	5.16	1960	0.5	< 2	4.02	< 0.5	34	49	317	4.20	2.56	3.68
L5700N-4850E	201 285	< 5	< 0.2	5.21	1090	2.0	< 2	0.59	< 0.5	25	54	59	8.64	2.04	1.29
L5700N-4900E	201 285	< 5	0.2	6.15	1280	2.0	< 2	0.58	< 0.5	33	57	144	6.32	2.75	0.96
L5700N-4950E	201 285	< 5	0.8	5.48	410	2.0	< 2	0.43	< 0.5	27	53	138	6.90	2.75	0.78
L5700N-5000E	201 285	< 5	0.6	4.75	880	1.5	< 2	0.34	< 0.5	21	54	92	6.25	1.87	0.72
L5700N-5050E	201 285	< 5	1.2	5.30	850	1.5	< 2	0.35	< 0.5	23	62	112	7.18	1.91	0.81
L5700N-5100E	201 285	< 5	1.0	5.84	1000	1.0	< 2	0.67	< 0.5	16	65	66	4.43	2.00	0.83
L5700N-5150E	201 285	< 5	< 0.2	5.47	1310	0.5	< 2	0.95	< 0.5	24	64	112	6.12	2.25	1.03
L5700N-5200E	201 285	< 5	< 0.2	6.35	1960	1.0	< 2	1.18	< 0.5	38	77	288	7.97	3.32	1.40
L5700N-5250E	201 285	< 5	< 0.2	5.77	1410	0.5	< 2	1.42	< 0.5	28	71	207	6.16	2.08	1.28
L5800N-4750E	201 285	< 5	< 0.2	6.25	1230	3.5	< 2	5.58	< 0.5	59	69	73	10.25	2.32	4.77
L5800N-4800E	201 285	< 5	< 0.2	4.37	540	1.0	6	6.10	< 0.5	27	44	110	3.78	1.79	4.06
L5800N-4850E	201 285	< 5	1.2	6.73	1780	3.0	4	0.37	< 0.5	35	65	138	6.05	2.87	1.04
L5800N-4900E	201 285	< 5	0.6	6.51	1200	2.5	< 2	0.41	< 0.5	29	66	109	5.16	2.91	1.00
L5800N-4950E	201 285	10	< 0.2	6.03	2190	1.5	< 2	1.57	< 0.5	64	63	220	6.14	2.22	1.87
L5800N-5000E	201 285	10	< 0.2	5.95	1890	1.0	< 2	0.62	< 0.5	70	56	302	6.34	1.95	1.49
L5800N-5050E	201 285	< 5	< 0.2	4.56	560	1.0	< 2	1.61	< 0.5	31	41	71	3.15	1.88	0.89
L5800N-5100E	201 285	< 5	< 0.2	10.65	660	4.5	< 2	0.23	< 0.5	61	94	96	5.21	3.98	1.10
L5800N-5150E	201 285	< 5	< 0.2	10.60	550	3.5	< 2	0.16	< 0.5	35	91	26	3.74	4.01	0.95
L5800N-5200E	201 285	< 5	< 0.2	8.32	980	4.0	< 2	0.69	< 0.5	36	78	68	4.48	2.70	0.97
L5900N-4400E	201 285	< 5	< 0.2	11.05	3180	3.5	< 2	0.33	< 0.5	147	100	421	6.60	3.87	1.23
L5900N-4450E	201 285	10	< 0.2	13.85	1050	6.0	2	0.21	< 0.5	22	93	328	5.23	4.67	1.39
L5900N-4500E	201 285	< 5	< 0.2	6.62	9280	1.0	< 2	1.97	< 0.5	19	52	31	6.04	2.49	1.79
L5900N-4550E	201 285	< 5	< 0.2	7.56	4140	2.0	< 2	1.39	< 0.5	25	70	177	4.40	3.23	1.95
L5900N-4600E	201 285	< 5	< 0.2	6.46	2430	1.5	< 2	1.07	< 0.5	49	64	415	5.41	2.47	1.50
L5900N-4650E	201 285	40	0.6	4.09	1390	0.5	< 2	2.10	< 0.5	165	43	744	9.93	1.33	2.39
L5900N-4700E	201 285	< 5	< 0.2	4.03	620	0.5	< 2	7.86	< 0.5	59	39	571	5.29	0.92	7.15
L5900N-4750E	201 285	< 5	< 0.2	2.78	330	0.5	< 2	9.32	< 0.5	40	27	174	5.10	0.40	6.58
L5900N-4800E	201 285	45	3.6	2.28	430	0.5	6	0.17	< 0.5	8	24	27	2.65	1.12	0.39
L5900N-4850E	201 285	< 5	< 0.2	6.96	4690	4.5	< 2	0.61	< 0.5	42	78	99	4.91	2.23	0.87
L5900N-4900E	201 285	< 5	< 0.2	6.32	1400	1.5	< 2	1.58	< 0.5	42	59	163	5.91	2.74	1.67
L5900N-4950E	201 285	45	< 0.2	5.20	1680	1.0	< 2	1.38	< 0.5	157	41	1325	8.90	1.46	1.88
L5900N-5000E	201 285	< 5	< 0.2	5.09	960	1.0	< 2	1.39	< 0.5	54	51	394	5.80	1.81	1.50
L5900N-5050E	201 285	< 5	< 0.2	6.67	950	3.5	< 2	0.76	< 0.5	110	62	79	5.08	2.22	1.03
L5900N-5100E	201 285	< 5	< 0.2	8.15	810	3.5	< 2	0.60	< 0.5	57	68	53	3.93	2.77	0.83
L5900N-5150E	201 285	< 5	< 0.2	7.67	860	2.5	< 2	0.67	< 0.5	22	79	26	3.64	2.44	0.84
L5900N-5200E	201 285	< 5	< 0.2	9.06	790	3.5	< 2	0.61	< 0.5	27	85	26	3.95	2.88	0.90
L6000N-4850E	201 285	10	< 0.2	4.69	880	0.5	< 2	0.85	< 0.5	78	49	163	8.08	0.89	1.25
L6000N-4900E	201 285	< 5	< 0.2	8.16	1660	3.0	< 2	0.41	< 0.5	36	84	53	3.81	3.37	0.93
L6000N-4950E	201 285	< 5	< 0.2	5.40	2090	1.0	< 2	3.65	< 0.5	158	59	459	7.02	1.97	2.93

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9317634

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
L5700N-4800E	201 285	3060	1	0.38	30	1040	4	38	0.17	71	< 10	42			
L5700N-4850E	201 285	6970	2	0.27	25	1620	64	29	0.16	65	< 10	60			
L5700N-4900E	201 285	4700	1	0.28	30	1030	74	22	0.22	66	< 10	90			
L5700N-4950E	201 285	3950	6	0.26	29	1100	88	24	0.22	62	< 10	74			
L5700N-5000E	201 285	3650	3	0.43	24	1020	96	57	0.22	70	< 10	68			
L5700N-5050E	201 285	2020	3	0.51	30	960	110	63	0.25	78	< 10	80			
L5700N-5100E	201 285	1515	2	0.66	22	1420	26	96	0.30	94	< 10	62			
L5700N-5150E	201 285	5710	1	0.42	28	1360	8	54	0.23	92	< 10	66			
L5700N-5200E	201 285	8260	1	0.31	38	1260	10	37	0.25	106	< 10	86			
L5700N-5250E	201 285	4600	< 1	0.57	32	1070	12	85	0.27	101	< 10	82			
L5800N-4750E	201 285	6910	< 1	0.20	34	1100	< 2	40	0.26	83	< 10	82			
L5800N-4800E	201 285	4420	< 1	0.11	20	790	14	36	0.13	51	< 10	76			
L5800N-4850E	201 285	4280	4	0.34	36	1190	136	35	0.30	76	< 10	76			
L5800N-4900E	201 285	2830	1	0.31	29	1060	84	27	0.26	74	< 10	76			
L5800N-4950E	201 285	7500	4	0.51	42	930	16	45	0.22	79	< 10	62			
L5800N-5000E	201 285	6500	8	0.59	49	1000	14	45	0.23	90	< 10	70			
L5800N-5050E	201 285	3310	1	0.42	19	1750	6	47	0.18	50	< 10	64			
L5800N-5100E	201 285	1475	3	0.65	38	910	6	30	0.41	99	< 10	44			
L5800N-5150E	201 285	755	1	0.47	28	700	4	17	0.42	88	< 10	32			
L5800N-5200E	201 285	2960	< 1	0.78	30	1140	10	89	0.39	96	< 10	54			
L5900N-4400E	201 285	5000	7	0.57	38	1100	12	41	0.33	112	< 10	88			
L5900N-4450E	201 285	1475	2	0.37	53	810	18	23	0.38	91	< 10	52			
L5900N-4500E	201 285	2770	4	0.36	26	1150	< 2	129	0.18	89	< 10	28			
L5900N-4550E	201 285	2560	5	0.31	30	980	10	42	0.27	80	< 10	50			
L5900N-4600E	201 285	4840	4	0.43	37	1400	24	49	0.23	83	< 10	60			
L5900N-4650E	201 285	9720	18	0.24	92	1450	28	39	0.11	87	< 10	86			
L5900N-4700E	201 285	4640	3	0.21	40	940	16	61	0.09	79	< 10	56			
L5900N-4750E	201 285	5850	1	0.24	25	740	6	91	0.10	51	< 10	142			
L5900N-4800E	201 285	780	2	0.16	9	670	410	28	0.22	33	< 10	32			
L5900N-4850E	201 285	3450	1	0.75	40	1050	32	106	0.41	92	< 10	60			
L5900N-4900E	201 285	8370	< 1	0.56	33	1860	10	51	0.25	71	< 10	66			
L5900N-4950E	201 285	>10000	29	0.43	82	970	42	37	0.17	82	< 10	72			
L5900N-5000E	201 285	7720	5	0.45	37	1960	8	56	0.19	80	< 10	66			
L5900N-5050E	201 285	4050	2	0.56	30	1530	14	68	0.28	83	< 10	64			
L5900N-5100E	201 285	1545	3	0.74	21	1330	20	74	0.32	87	< 10	48			
L5900N-5150E	201 285	495	2	0.98	22	740	8	111	0.48	103	< 10	52			
L5900N-5200E	201 285	670	2	0.98	26	1070	8	98	0.46	108	< 10	58			
L6000N-4850E	201 285	6100	7	0.87	29	1070	2	73	0.23	91	< 10	60			
L6000N-4900E	201 285	1600	< 1	0.46	25	1110	6	38	0.41	92	< 10	52			
L6000N-4950E	201 285	5770	12	0.37	77	830	26	48	0.25	83	< 10	96			

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER-EAST
 Comments: CC: PAMICON DEV LTD.

Page Number : 4-A
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 Certificate Date: 30-JUL-93
 Invoice No. : I9317634
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 Account : EIA

CERTIFICATE OF ANALYSIS A9317634

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
L6000N-5000E	201 285	< 5	< 0.2	4.82	2300	< 0.5	< 2	1.32	< 0.5	17	49	69	5.85	0.93	0.81
L6000N-5050E	201 285	< 5	< 0.2	4.80	1210	< 0.5	< 2	1.27	< 0.5	20	48	96	5.37	1.57	1.01
L6000N-5100E	201 285	< 5	< 0.2	6.00	1870	0.5	< 2	2.03	< 0.5	28	45	101	5.72	2.64	2.04
L6000N-5150E	201 285	< 5	< 0.2	8.49	970	2.5	< 2	0.95	< 0.5	29	74	39	3.86	3.09	1.11
L6000N-5200E	201 285	< 5	< 0.2	7.01	4860	1.5	< 2	0.77	< 0.5	202	66	627	6.68	1.75	1.38
L6000N-5250E	201 285	< 5	< 0.2	9.00	1040	4.0	< 2	0.43	< 0.5	178	78	46	6.03	2.82	1.31
L6000N-5300E	201 285	< 5	< 0.2	7.05	790	1.0	< 2	1.18	< 0.5	17	34	34	2.72	1.96	0.64
L6100N-4650E	201 285	< 5	< 0.2	10.20	2020	2.0	< 2	2.59	< 0.5	69	117	349	5.34	4.03	3.61
L6100N-4700E	201 285	< 5	0.6	3.36	710	< 0.5	< 2	0.06	< 0.5	16	30	54	12.95	1.79	0.30
L6100N-4750E	201 285	< 5	< 0.2	9.27	1770	6.5	6	0.53	< 0.5	38	94	521	5.95	4.06	1.07
L6100N-4800E	201 285	< 5	< 0.2	11.50	4610	6.0	4	0.25	< 0.5	38	138	234	4.85	5.75	1.20
L6100N-4850E	201 285	< 5	< 0.2	6.46	2280	0.5	< 2	0.81	< 0.5	32	76	102	5.73	1.76	1.51
L6100N-4900E	201 285	< 5	< 0.2	5.58	6620	0.5	< 2	2.84	< 0.5	60	54	378	6.44	2.21	2.94
L6100N-4950E	201 285	< 5	0.4	6.36	7260	1.0	< 2	0.71	< 0.5	77	53	251	5.59	2.00	1.81
L6100N-5000E	201 285	15	< 0.2	6.09	3430	0.5	< 2	0.72	< 0.5	64	59	395	9.12	1.79	1.22
L6100N-5050E	201 285	< 5	< 0.2	6.09	8580	0.5	< 2	2.09	< 0.5	35	59	331	5.95	2.37	2.73
L6100N-5100E	201 285	< 5	< 0.2	4.88	2440	0.5	< 2	4.12	< 0.5	32	53	384	5.03	2.32	3.14
L6100N-5150E	201 285	< 5	< 0.2	5.13	4510	0.5	< 2	4.04	< 0.5	34	54	296	4.84	2.31	3.55
L6100N-5200E	201 285	< 5	< 0.2	5.31	1090	1.0	< 2	2.25	< 0.5	28	68	71	4.14	2.66	1.96
L6100N-5250E	201 285	< 5	< 0.2	5.69	1460	1.0	< 2	1.26	< 0.5	39	72	201	3.98	1.62	1.03
L6100N-5300E	201 285	< 5	5.8	5.70	1200	1.0	2	1.25	< 0.5	54	66	86	5.08	1.53	1.00
L6100N-5350E	201 285	< 5	< 0.2	5.27	1520	0.5	< 2	1.30	< 0.5	33	64	41	3.98	1.38	0.92
L6100N-5400E	201 285	< 5	< 0.2	5.97	1850	0.5	< 2	0.96	< 0.5	43	72	34	4.89	1.60	1.15
L6100N-5450E	201 285	< 5	0.2	4.75	1120	1.0	< 2	1.61	< 0.5	27	52	86	4.99	1.85	1.22
L6100N-5500E	201 285	< 5	< 0.2	4.65	1330	0.5	< 2	2.45	< 0.5	32	61	50	3.79	1.71	1.48
L6200N-4575E	201 285	20	1.2	1.09	380	< 0.5	12	0.04	< 0.5	2	21	9	24.0	1.12	0.11
L6200N-4600E	201 285	< 5	0.6	4.75	200	0.5	< 2	0.21	< 0.5	40	42	70	10.50	2.86	0.49
L6200N-4650E	201 285	< 5	< 0.2	7.90	1720	3.0	< 2	0.56	< 0.5	38	77	528	7.26	2.92	0.95
L6200N-4700E	201 285	55	0.6	7.68	4840	2.5	20	2.37	< 0.5	215	81	2470	7.34	2.54	4.03
L6200N-4750E	201 285	< 5	< 0.2	7.83	990	1.5	< 2	0.42	< 0.5	42	85	139	5.36	3.35	2.41
L6200N-4800E	201 285	< 5	< 0.2	6.10	2080	< 0.5	< 2	1.88	< 0.5	20	52	83	6.68	1.42	1.38
L6200N-4850E	201 285	< 5	0.4	5.59	7320	< 0.5	< 2	1.31	< 0.5	24	60	42	5.51	1.79	1.61
L6200N-4900E	201 285	< 5	< 0.2	4.75	3180	< 0.5	< 2	5.69	< 0.5	73	53	834	6.26	1.65	4.31
L6200N-4950E	201 285	< 5	< 0.2	4.84	1410	< 0.5	< 2	3.82	< 0.5	40	49	149	7.27	2.11	2.87
L6200N-5000E	201 285	< 5	< 0.2	5.82	800	1.0	< 2	4.75	< 0.5	20	58	30	5.10	3.18	3.89
L6200N-5050E	201 285	< 5	< 0.2	5.84	1630	1.0	< 2	5.32	< 0.5	30	57	60	5.82	2.86	4.20
L6200N-5100E	201 285	< 5	< 0.2	4.08	1060	< 0.5	2	9.00	< 0.5	37	63	119	5.99	1.48	6.47
L6400N-4700E	201 285	< 5	0.4	5.98	1350	1.0	< 2	0.85	< 0.5	174	54	85	5.93	2.07	1.06
L6400N-4750E	201 285	< 5	< 0.2	5.37	1390	1.0	< 2	1.19	< 0.5	29	54	189	6.24	2.99	1.25
L6400N-4800E	201 285	< 5	0.2	4.71	1540	0.5	< 2	1.32	< 0.5	46	53	148	11.05	1.89	1.26

CERTIFICATION:

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L6000N-5000E	201 285	7300	2	1.13	18	1900	6	75	0.22	69	< 10	84			
L6000N-5050E	201 285	5620	1	0.87	22	1400	4	77	0.25	76	< 10	60			
L6000N-5100E	201 285	6820	1	0.81	23	1740	2	50	0.24	68	< 10	60			
L6000N-5150E	201 285	1930	2	0.89	24	1040	10	46	0.32	88	< 10	46			
L6000N-5200E	201 285	5660	4	1.14	44	1150	18	88	0.31	88	< 10	80			
L6000N-5250E	201 285	2180	4	0.80	43	1230	32	65	0.38	103	< 10	70			
L6000N-5300E	201 285	605	3	1.80	13	1090	12	315	0.30	65	< 10	58			
L6100N-4650E	201 285	2650	3	0.52	94	730	12	24	0.40	178	< 10	48			
L6100N-4700E	201 285	3540	3	0.09	8	870	138	14	0.14	33	< 10	82			
L6100N-4750E	201 285	3730	2	0.75	41	1360	20	45	0.33	100	< 10	54			
L6100N-4800E	201 285	1760	4	0.36	48	700	16	33	0.49	131	< 10	34			
L6100N-4850E	201 285	3230	< 1	1.55	31	990	8	96	0.32	106	< 10	66			
L6100N-4900E	201 285	6010	5	0.67	53	1400	48	55	0.24	81	< 10	144			
L6100N-4950E	201 285	8940	11	0.48	63	740	310	64	0.24	94	< 10	358			
L6100N-5000E	201 285	>10000	10	0.90	46	1390	24	114	0.29	98	< 10	104			
L6100N-5050E	201 285	5750	3	0.85	33	1900	6	64	0.26	81	< 10	70			
L6100N-5100E	201 285	6830	1	0.66	28	2410	4	71	0.23	65	< 10	66			
L6100N-5150E	201 285	5510	1	0.74	30	1850	4	48	0.20	69	< 10	56			
L6100N-5200E	201 285	5420	< 1	0.46	30	1770	4	59	0.26	62	< 10	70			
L6100N-5250E	201 285	3970	1	1.10	34	1140	70	152	0.38	90	< 10	66			
L6100N-5300E	201 285	6120	2	1.06	35	1470	54	126	0.33	85	< 10	68			
L6100N-5350E	201 285	4590	1	0.92	25	1910	28	124	0.32	82	< 10	60			
L6100N-5400E	201 285	3720	1	0.84	24	1560	24	114	0.34	93	< 10	60			
L6100N-5450E	201 285	6670	1	0.47	26	1770	6	66	0.22	60	< 10	96			
L6100N-5500E	201 285	4320	2	0.78	24	1860	14	111	0.29	71	< 10	72			
L6200N-4575E	201 285	85	9	0.08	< 1	1690	82	11	0.20	24	< 10	40			
L6200N-4600E	201 285	7230	3	0.16	30	890	124	28	0.17	38	< 10	202			
L6200N-4650E	201 285	7070	1	1.73	35	1370	18	64	0.31	85	< 10	66			
L6200N-4700E	201 285	5430	8	0.76	45	740	8	54	0.33	136	< 10	72			
L6200N-4750E	201 285	5830	4	0.53	58	420	2	56	0.37	112	< 10	52			
L6200N-4800E	201 285	7920	1	2.43	18	1490	6	67	0.22	78	< 10	78			
L6200N-4850E	201 285	5770	3	1.29	22	1010	2	56	0.24	77	< 10	58			
L6200N-4900E	201 285	9510	1	0.58	44	1750	6	68	0.20	72	< 10	100			
L6200N-4950E	201 285	>10000	1	0.59	31	1960	6	63	0.20	62	< 10	100			
L6200N-5000E	201 285	4440	< 1	0.17	29	910	< 2	26	0.25	59	< 10	44			
L6200N-5050E	201 285	6210	2	0.30	31	1280	< 2	44	0.25	62	< 10	62			
L6200N-5100E	201 285	8840	< 1	0.29	27	1090	< 2	42	0.18	64	< 10	100			
L6400N-4700E	201 285	>10000	2	0.68	36	1760	22	102	0.28	76	< 10	74			
L6400N-4750E	201 285	8670	1	0.31	24	1730	< 2	48	0.24	59	< 10	64			
L6400N-4800E	201 285	>10000	2	0.42	34	1920	< 2	64	0.20	69	< 10	82			

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
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L6400N-4850E	201 285	7400	1	0.31	34	1800	< 2	59	0.25	59	< 10	46			
L6400N-4900E	201 285	>10000	4	0.32	21	1310	< 2	50	0.14	51	< 10	80			
L6400N-4950E	201 285	>10000	3	0.42	30	1610	4	68	0.19	63	< 10	128			
L6400N-5000E	201 285	9890	1	0.47	32	1670	4	72	0.26	70	< 10	92			
L6400N-5050E	201 285	6730	2	0.31	24	1080	4	48	0.20	55	< 10	70			
L6400N-5100E	201 285	>10000	< 1	0.51	29	2010	8	78	0.21	67	< 10	110			
L6400N-5150E	201 285	5730	1	0.33	27	1420	< 2	78	0.27	61	< 10	38			
L6400N-5200E	201 285	>10000	< 1	0.63	27	1940	10	87	0.25	71	< 10	98			
L6400N-5250E	201 285	>10000	2	0.71	32	1730	10	104	0.29	86	< 10	128			
L6400N-5300E	201 285	4400	1	1.11	38	1420	12	138	0.34	138	< 10	120			
L6400N-5350E	201 285	>10000	< 1	0.63	36	1420	8	81	0.23	92	< 10	98			
L6400N-5400E	201 285	6450	< 1	0.59	40	1560	6	65	0.30	152	< 10	122			
L6400N-5450E	201 285	>10000	2	0.66	33	1790	4	93	0.27	87	< 10	94			
L6400N-5500E	201 285	>10000	2	0.65	25	1430	4	90	0.24	78	< 10	94			
L6400N-5550E	201 285	7790	3	0.76	27	1310	4	92	0.26	90	< 10	84			
L6400N-5600E	201 285	7600	2	0.84	25	2040	6	93	0.26	100	< 10	130			
L6400N-5650E	201 285	6040	1	0.97	31	1430	6	111	0.28	115	< 10	92			
L6400N-5700E	201 285	6150	1	0.91	33	1270	10	101	0.30	97	< 10	88			

CERTIFICATION:

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L6400N-4850E	201 285	< 5	< 0.2	5.29	1660	1.5	< 2	2.62	< 0.5	28	52	56	6.56	2.47	2.00
L6400N-4900E	201 285	< 5	< 0.2	3.25	2550	2.0	< 2	7.18	< 0.5	41	37	154	8.65	1.35	4.55
L6400N-4950E	201 285	< 5	< 0.2	4.15	1140	0.5	< 2	1.42	< 0.5	48	42	183	12.50	1.38	1.18
L6400N-5000E	201 285	< 5	< 0.2	5.06	1220	1.0	< 2	2.00	< 0.5	40	52	223	6.68	1.83	1.80
L6400N-5050E	201 285	< 5	< 0.2	4.46	1340	1.0	< 2	6.92	< 0.5	33	45	250	5.17	2.29	5.59
L6400N-5100E	201 285	< 5	< 0.2	5.15	1320	1.0	< 2	1.48	< 0.5	38	53	97	6.14	1.90	1.27
L6400N-5150E	201 285	< 5	< 0.2	5.96	1030	1.5	< 2	4.63	< 0.5	28	57	125	3.88	2.83	1.44
L6400N-5200E	201 285	< 5	< 0.2	4.76	1290	1.0	< 2	1.60	< 0.5	50	57	176	6.29	1.74	1.08
L6400N-5250E	201 285	< 5	< 0.2	5.15	1830	1.5	< 2	1.38	< 0.5	47	59	262	6.04	1.45	1.39
L6400N-5300E	201 285	< 5	< 0.2	5.68	1120	0.5	< 2	1.11	< 0.5	33	69	358	4.86	1.29	1.33
L6400N-5350E	201 285	< 5	< 0.2	4.69	2250	0.5	< 2	2.31	< 0.5	50	54	347	8.28	1.42	1.98
L6400N-5400E	201 285	< 5	< 0.2	6.18	1370	1.0	< 2	0.87	< 0.5	41	79	242	6.71	1.74	1.47
L6400N-5450E	201 285	< 5	< 0.2	4.89	1600	0.5	< 2	1.61	< 0.5	37	63	239	8.01	1.62	1.79
L6400N-5500E	201 285	< 5	< 0.2	4.72	1170	0.5	< 2	1.71	< 0.5	34	53	161	7.39	1.50	1.38
L6400N-5550E	201 285	10	< 0.2	4.99	2230	0.5	< 2	1.54	< 0.5	29	58	148	7.23	1.63	1.42
L6400N-5600E	201 285	< 5	< 0.2	5.88	2100	0.5	< 2	1.50	< 0.5	36	51	180	7.60	1.80	1.12
L6400N-5650E	201 285	< 5	< 0.2	5.58	1850	0.5	< 2	1.39	< 0.5	33	63	589	6.27	1.56	1.49
L6400N-5700E	201 285	< 5	< 0.2	5.97	1210	1.0	< 2	1.28	< 0.5	30	66	184	5.60	2.15	1.41

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9319814

Comments: CC: PAMICON DEV. LTD.

CERTIFICATE

A9319814

EQUITY ENGINEERING LTD.

Project: MONSTER-EAST
P.O. #: JR93-01

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-SEP-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	249	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
152	249	U ppm: Trace rock, soil	NAA	0.2	10000



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER-EAST
 Comments: CC: PAMICON DEV. LTD.

Page Number : 1
 Total Pages : 7
 Certificate Date: 06-SEP-93
 Invoice No. : 19319814
 P.O. Number : JR93-01
 Account : EIA

CERTIFICATE OF ANALYSIS

A9319814

SAMPLE	PREP CODE	U NAA ppm											
485001	244 --	6.8											
485002	244 --	1.6											
485003	244 --	0.4											
485004	244 --	0.6											
485005	244 --	4.4											
485006	244 --	1.6											
485007	244 --	3.2											
485008	244 --	4.6											
485009	244 --	2.4											
485010	244 --	3.4											
485011	244 --	10.4											
485012	244 --	2.2											
485013	244 --	2.2											
485014	244 --	3.0											
485015	244 --	2.0											
485016	244 --	3.0											
485017	244 --	0.8											
485018	244 --	4.6											
509165	244 --	0.2											
509166	244 --	2.6											
509167	244 --	1.6											
509168	244 --	3.4											
509169	244 --	4.6											
509170	244 --	5.2											
509171	244 --	2.8											
509172	244 --	3.2											
546505	244 --	3.2											
546506	244 --	3.8											
546507	244 --	4.0											
546508	244 --	2.0											
546509	244 --	0.8											
546510	244 --	0.8											
546511	244 --	2.2											
546512	244 --	0.4											
546513	244 --	3.2											
546514	244 --	1.6											
546515	244 --	1.6											
546516	244 --	1.2											
546517	244 --	3.0											
546606	244 --	2.2											

CERTIFICATION: _____



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER-EAST
 Comments: CC: PAMICON DEV. LTD.

Page Number : 2
 Total Pages : 7
 Certificate Date: 06-SEP-93
 Invoice No. : 19319814
 P.O. Number : JR93-01
 Account : EIA

CERTIFICATE OF ANALYSIS

A9319814

SAMPLE	PREP CODE	U NAA ppm										
546607	244 --	2.2										
546608	244 --	3.2										
546609	244 --	9.4										
546610	244 --	2.2										
546611	244 --	5.4										
546612	244 --	3.4										
546613	244 --	2.2										
546614	244 --	11.0										
546615	244 --	3.4										
546717	244 --	6.6										
546718	244 --	2.2										
546719	244 --	1.4										
546720	244 --	2.2										
546721	244 --	1.0										
546722	244 --	3.8										
546723	244 --	2.4										
546724	244 --	2.6										
546725	244 --	5.0										
546726	244 --	3.2										
546727	244 --	4.6										
546728	244 --	3.2										
546729	244 --	1.6										
546730	244 --	0.4										
546731	244 --	3.2										
546732	244 --	2.2										
546733	244 --	3.0										
546734	244 --	5.4										
546735	244 --	0.8										
546736	244 --	2.8										
546737	244 --	4.2										
546738	244 --	2.6										
L5000N-4900E	244 --	7.2										
L5000N-4950E	244 --	7.0										
L5000N-5000E	244 --	7.0										
L5000N-5050E	244 --	6.4										
L5000N-5100E	244 --	3.4										
L5000N-5150E	244 --	3.8										
L5000N-5200E	244 --	4.4										
L5000N-5250E	244 --	6.0										
L5200N-4900E	244 --	6.6										

CERTIFICATION: _____



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : MONSTER-EAST
Comments: CC: PAMICON DEV. LTD.

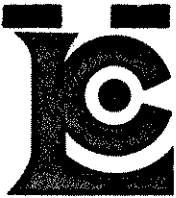
Page Number :3
Total Pages :7
Certificate Date: 06-SEP-93
Invoice No. : I9319814
P.O. Number : JR93-01
Account : EIA

CERTIFICATE OF ANALYSIS

A9319814

SAMPLE	PREP CODE	U NAA ppm											
L5200N-4950E	244 --	5.0											
L5200N-5000E	244 --	0.8											
L5200N-5050E	244 --	3.6											
L5200N-5100E	244 --	4.6											
L5200N-5150E	244 --	2.2											
L5200N-5200E	244 --	3.4											
L5200N-5250E	244 --	4.6											
L5300N-4900E	244 --	4.6											
L5300N-4950E	244 --	5.6											
L5300N-5000E	244 --	3.2											
L5300N-5050E	244 --	5.0											
L5300N-5100E	244 --	5.2											
L5300N-5150E	244 --	5.4											
L5300N-5200E	244 --	4.0											
L5300N-5250E	244 --	3.4											
L5400N-4250E	244 --	3.2											
L5400N-4300E	244 --	3.0											
L5400N-4350E	244 --	3.2											
L5400N-4400E	244 --	3.6											
L5400N-4450E	244 --	3.8											
L5400N-4500E	244 --	4.2											
L5400N-4550E	244 --	4.4											
L5400N-4600E	244 --	3.4											
L5400N-4650E	244 --	3.8											
L5400N-4700E	244 --	4.8											
L5400N-4750E	244 --	4.4											
L5400N-4800E	244 --	5.4											
L5400N-4850E	244 --	5.2											
L5400N-4900E	244 --	4.6											
L5400N-4950E	244 --	5.0											
L5400N-5000E	244 --	4.4											
L5400N-5050E	244 --	4.4											
L5400N-5100E	244 --	5.8											
L5400N-5150E	244 --	3.8											
L5400N-5200E	244 --	3.4											
L5500N-4900E	244 --	4.2											
L5500N-4950E	244 --	4.0											
L5500N-5000E	244 --	4.6											
L5500N-5050E	244 --	7.0											
L5500N-5100E	244 --	4.8											

CERTIFICATION: _____



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project : MONSTER-EAST
 Comments: CC: PAMICON DEV. LTD.

Page Number : 4
 Total Pages : 7
 Certificate Date: 06-SEP-93
 Invoice No. : 19319814
 P.O. Number : JR93-01
 Account : EIA

CERTIFICATE OF ANALYSIS

A9319814

SAMPLE	PREP CODE	U NAA ppm										
L5500N-5150E	244 --	5.0										
L5500N-5200E	244 --	4.4										
L5600N-4300E	244 --	3.8										
L5600N-4350E	244 --	3.4										
L5600N-4400E	244 --	5.0										
L5600N-4450E	244 --	3.0										
L5600N-4500E	244 --	8.4										
L5600N-4550E	244 --	8.2										
L5600N-4600E	244 --	7.0										
L5600N-4650E	244 --	6.2										
L5600N-4700E	244 --	9.6										
L5600N-4750E	244 --	5.0										
L5600N-4800E	244 --	6.4										
L5600N-4850E	244 --	4.8										
L5600N-4900E	244 --	4.0										
L5600N-4950E	244 --	4.4										
L5600N-5000E	244 --	3.6										
L5600N-5050E	244 --	4.6										
L5600N-5100E	244 --	5.2										
L5600N-5150E	244 --	3.8										
L5600N-5200E	244 --	3.8										
L5700N-4300E	244 --	4.8										
L5700N-4350E	244 --	4.8										
L5700N-4400E	244 --	7.8										
L5700N-4450E	244 --	4.2										
L5700N-4500E	244 --	9.2										
L5700N-4550E	244 --	4.4										
L5700N-4600E	244 --	6.8										
L5700N-4650E	244 --	11.6										
L5700N-4700E	244 --	9.6										
L5700N-4750E	244 --	7.0										
L5700N-4800E	244 --	5.2										
L5700N-4850E	244 --	4.6										
L5700N-4900E	244 --	6.2										
L5700N-4950E	244 --	6.4										
L5700N-5000E	244 --	4.0										
L5700N-5050E	244 --	5.0										
L5700N-5100E	244 --	3.6										
L5700N-5150E	244 --	3.4										
L5700N-5200E	244 --	4.2										

CERTIFICATION: _____



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : MONSTER-EAST
Comments: CC: PAMICON DEV. LTD.

Page Number : 5
Total Pages : 7
Certificate Date: 06-SEP-93
Invoice No. : I9319814
P.O. Number : JR93-01
Account : EIA

CERTIFICATE OF ANALYSIS

A9319814

SAMPLE	PREP CODE	U NAA ppm										
L5700N-5250E	244 --	4.2										
L5800N-4750E	244 --	6.8										
L5800N-4800E	244 --	3.6										
L5800N-4850E	244 --	6.6										
L5800N-4900E	244 --	5.6										
L5800N-4950E	244 --	6.8										
L5800N-5000E	244 --	7.4										
L5800N-5050E	244 --	3.6										
L5800N-5100E	244 --	6.0										
L5800N-5150E	244 --	5.2										
L5800N-5200E	244 --	6.6										
L5900N-4400E	244 --	9.6										
L5900N-4450E	244 --	10.8										
L5900N-4500E	244 --	9.2										
L5900N-4550E	244 --	5.2										
L5900N-4600E	244 --	6.4										
L5900N-4650E	244 --	19.0										
L5900N-4700E	244 --	5.4										
L5900N-4750E	244 --	4.6										
L5900N-4800E	244 --	5.0										
L5900N-4850E	244 --	9.0										
L5900N-4900E	244 --	5.0										
L5900N-4950E	244 --	10.6										
L5900N-5000E	244 --	7.0										
L5900N-5050E	244 --	8.0										
L5900N-5100E	244 --	6.4										
L5900N-5150E	244 --	5.8										
L5900N-5200E	244 --	5.4										
L6000N-4850E	244 --	4.6										
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L6000N-4950E	244 --	8.4										
L6000N-5000E	244 --	4.6										
L6000N-5050E	244 --	4.6										
L6000N-5100E	244 --	5.0										
L6000N-5150E	244 --	4.8										
L6000N-5200E	244 --	7.4										
L6000N-5250E	244 --	8.2										
L6000N-5300E	244 --	3.4										
L6100N-4650E	244 --	5.6										
L6100N-4700E	244 --	4.6										

CERTIFICATION: _____



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: MONSTER-EAST
Comments: CC: PAMICON DEV. LTD.

Page Number: 6
Total Pages: 7
Certificate Date: 06-SEP-93
Invoice No.: I9319814
P.O. Number: JR93-01
Account: EIA

CERTIFICATE OF ANALYSIS

A9319814

SAMPLE	PREP CODE	U NAA ppm									
L6100N-4750E	244 --	9.4									
L6100N-4800E	244 --	8.6									
L6100N-4850E	244 --	5.6									
L6100N-4900E	244 --	7.6									
L6100N-4950E	244 --	6.2									
L6100N-5000E	244 --	8.6									
L6100N-5050E	244 --	6.2									
L6100N-5100E	244 --	4.2									
L6100N-5150E	244 --	4.6									
L6100N-5200E	244 --	3.4									
L6100N-5250E	244 --	6.0									
L6100N-5300E	244 --	5.4									
L6100N-5350E	244 --	4.2									
L6100N-5400E	244 --	4.2									
L6100N-5450E	244 --	4.4									
L6100N-5500E	244 --	3.8									
L6200N-4575E	244 --	4.2									
L6200N-4600E	244 --	6.0									
L6200N-4650E	244 --	10.6									
L6200N-4700E	244 --	7.2									
L6200N-4750E	244 --	5.8									
L6200N-4800E	244 --	4.4									
L6200N-4850E	244 --	4.0									
L6200N-4900E	244 --	4.0									
L6200N-4950E	244 --	4.0									
L6200N-5000E	244 --	3.2									
L6200N-5050E	244 --	4.0									
L6200N-5100E	244 --	3.0									
L6400N-4700E	244 --	5.0									
L6400N-4750E	244 --	4.4									
L6400N-4800E	244 --	4.4									
L6400N-4850E	244 --	4.0									
L6400N-4900E	244 --	4.0									
L6400N-4950E	244 --	4.0									
L6400N-5000E	244 --	7.0									
L6400N-5050E	244 --	5.6									
L6400N-5100E	244 --	4.4									
L6400N-5150E	244 --	5.4									
L6400N-5200E	244 --	4.8									
L6400N-5250E	244 --	5.0									

CERTIFICATION: _____



Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : MONSTER-EAST
Comments: CC: PAMICON DEV. LTD.

Page Number : 7
Total Pages : 7
Certificate Date: 06-SEP-93
Invoice No. : 19319814
P.O. Number : JR93-01
Account : EIA

CERTIFICATE OF ANALYSIS

A9319814

SAMPLE	PREP CODE	U NAA ppm											
L6400N-5300E	244 --	3.4											
L6400N-5350E	244 --	3.4											
L6400N-5400E	244 --	4.4											
L6400N-5450E	244 --	5.6											
L6400N-5500E	244 --	4.0											
L6400N-5550E	244 --	5.8											
L6400N-5600E	244 --	4.0											
L6400N-5650E	244 --	4.0											
L6400N-5700E	244 --	4.2											

CERTIFICATION: _____

APPENDIX F

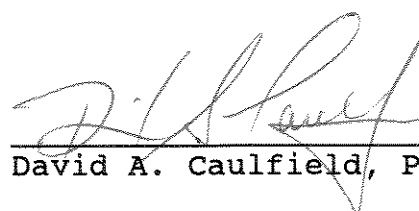
GEOLOGIST'S CERTIFICATE

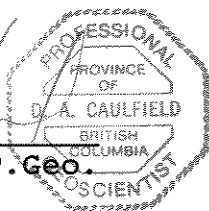
GEOLOGIST'S CERTIFICATE

I, DAVID A. CAULFIELD, of 3142 Gambier Street, Coquitlam, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology.
3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
4. THAT this report is based on fieldwork carried out under my direction in July 1993, government publications and assessment reports filed with the Yukon. I have examined the property in the field.

DATED at Vancouver, British Columbia, this 11th day of March, 1994.


David A. Caulfield, P. Geo.



MAP NO: 116B/13 ASSESSMENT REPORT PROSPECTUS CONFIDENTIAL X OPEN FILE DOCUMENT NO: 093204 MINING DISTRICT: DAWSON TYPE OF WORK: PROSPECTING & GEOCHEMISTRY

REPORT FILED UNDER: EQUITY ENGINEERING LIMITED

DATE PERFORMED: 11-17 JULY/93 DATE FILED: APRIL 11, 1994

LOCATION: LAT.: 64°51' AREA: COAL CREEK
LONG.: 139°44' VALUE \$: 32,400

CLAIM NAME & NO.: MONSTER 1-74 (YB42067-138)

WORK DONE BY: DAVID A. CAULFIELD

WORK DONE FOR: MONSTER JOINT VENTURE

DATE TO GOOD STANDING:

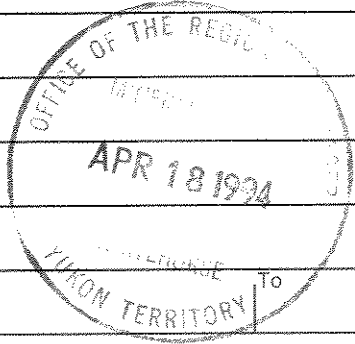
REMARKS: OLYMPIC DAM STYLE COPPER-URANIUM-GOLD-SILVER PROSPECT;
WERNECKE BRECCIA.



M.R. file no.
QA09339
R.M.M.R. file no.
Date forwarded
13 April 94

TRANSMITTAL FORM

From	▶ Mining Recorder at: Dawson	
To	▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.	
For action are:		
<input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
<input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	Lease no.
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	Lease no.
<input type="checkbox"/> SECURITY DEPOSIT		
<input type="checkbox"/> FINANCIAL ABILITY		
<input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.	From	To
<input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
<input type="checkbox"/> DIAMOND DRILL LOGS	Claims	Claim sheet no.
<input checked="" type="checkbox"/> QUARTZ ASSESSMENT REPORT	Claims Type of report Clis. work performed on	Claim sheet no. \$ req. for ren. application
<i>Equity Engineering Ltd / Pam / Con Developments etc.</i> Monster 1-72 Geological Monster 1, etc.		Submitted by David A. Caulfield 116 B-13 32,400 ⁰⁰
 Signature		



REPLY ACTION	Date returned
053204	
 Signature	

*needs
approval*

08/91

MINFILE: 116B 102
PAGE NO: 1 of 1
UPDATED: 07/26/94

**YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE**

NAME(S): Wizard
MINFILE #: 116B 102
MAJOR COMMODITIES: Cu, Zn, Pb
MINOR COMMODITIES: Co
TECTONIC ELEMENT: Mackenzie Platform

NTS MAP SHEET: 116 B 13
LATITUDE: 64°50'52"N
LONGITUDE: 139°42'32"W
DEPOSIT TYPE: Vein
STATUS: Showing

CLAIMS (PREVIOUS AND CURRENT)

ID, MONSTER

WORK HISTORY

Staked as Id cl (Y99957) in Aug/75 by the Blackstone Project (Union Miniere and Shell OL), which conducted mapping and geochem sampling in 1975, 1976 and 1977. Some drilling is also believed to have been done. Rinsey Mines Ltd optioned the property in 1990. Restaked as the Monster 41-72 cl (YB42107) in Jun/93 by Pamicon Developments Ltd. and Equity Engineering Ltd. In Jul/93, Equity Engineering performed a program of geological mapping, prospecting and soil geochemical sampling in conjunction with work done on Minfile #116B 084, which was staked by them as the Monster 1-40 cl (YB41239) in Jun/93.

GEOLOGY

Chalcopyrite, bornite and cobaltite occur within quartz-carbonate veins, quartz veinlets and stockworks along a fault zone and as disseminations in Middle Proterozoic shale and quartzite near the margins of breccia bodies and/or diorite sills and dykes. Mineralization also occurs in specular hematite heterolithic breccia. Lead and zinc anomalies extend over 2 km and are accompanied by high cobalt values. Assays have returned values between 1.1 and 27% combined Zn-Pb. The mineralization has a lead isotopic age of 1.4 Ga, and resembles that found on the Blende property (Minfile 106D 064). Individual samples gathered in 1993 by Equity assayed up to 6.68% Cu, 1.34% Co, 460 ppb Au and 24.4 ppm Ag.

The showing occurs on the north side of a breccia body which is circular in plan and about 3 km across, and intrudes Quartet Group argillite and Gillespie Lake Group dolomite. Angular fragments of pink silty dolomite and pale green dolomitic siltstone from 1 cm to 3 m across are contained in a matrix of crushed rock, coarse grained dolomite or iron carbonate and minor quartz, chlorite and hematite. This and several other similar occurrences (Minfile 116B 068, 084, 099, 113) are located along the Monster Fault, a steep east-west normal structure of Proterozoic age which is downthrown to the north.

REFERENCES

EQUITY ENGINEERING LTD., Apr/94. Assessment Report #093204 by D.A. Caulfield.

GEORGE CROSS NEWSLETTER, 23 Dec/91.

LANE, R.A., AND GODWIN, C.I., 1992. Geology of the Ogilvie Mountains Breccias, Coal Creek Inlier (NTS 116B/11,13,14), Yukon Territory. Exploration and Geological Services Division, DIAND, Open File 1992-1.

MINERAL INDUSTRY REPORT 1976, p. 144 ; 1977, p. 56-57.

RINSEY MINES LTD, 1990. Vancouver Stock Exchange Open File.

MINFILE: 116B 084
PAGE NO: 1 of 1
UPDATED: 07/26/94

**YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE**

NAME(S): Tart
MINFILE #: 116B 084
MAJOR COMMODITIES: Zn
MINOR COMMODITIES: Pb,Cu
TECTONIC ELEMENT: Mackenzie Platform
NTS MAP SHEET: 116 B 13
LATITUDE: 64°50'00"N
LONGITUDE: 139°50'00"W
DEPOSIT TYPE: Mississippi Valley
STATUS: Drilled prospect

CLAIMS (PREVIOUS AND CURRENT)

TART, MONSTER

WORK HISTORY

Staked as Tart cl (Y90229) in Nov/74 by Dynasty EL. In 1975, the claims were transferred to Cyprus Anvil Mg Corp which explored with mapping, grid soil sampling, hand trenching and 4 drill holes (494.7 m). Restaked as the Monster 1-40 cl (YB41239) in Jun/93 by Pamicon Developments Ltd. and Equity Engineering Ltd. In Jul/93, Equity Engineering performed a program of geological mapping, prospecting and soil geochemical sampling in conjunction with work done on Minfile #116B 102, which was staked by them as the Monster 41-72 cl (YB42107) in Jun/93.

GEOLOGY

Sphalerite occurs with minor galena, chalcopyrite and marcasite and traces of pyrobitumen in two breccia zones cutting Middle Proterozoic dolomite. Anvil Mng Corp's best drill intersection assayed 11.2% Zn over 1.5 metres.

The 1993 program returned several copper assays in rock grab samples in excess of 1000 ppm, with three samples containing > 1.0% copper. Equity Engineering defined three types of mineralization on the property: 1) chalcopyrite and bornite occurring within strongly K-feldspar altered sediments, brecciated sediments and altered intrusive rocks; 2) disseminated chalcopyrite and cobaltite within siliceous dolomite; and 3) chalcopyrite within maroon mudstone breccias.

REFERENCES

CYPRUS ANVIL MINING CORP., Oct/75. Assessment Report #061483 by P.M. Dean.

EQUITY ENGINEERING LTD., Apr/94. Assessment Report #093204 by D.A. Caulfield.

LANE, R.A., AND GODWIN, C.I., 1992. Geology of the Ogilvie Mountains Breccias, Coal Creek Inlier (NTS 116B/11,13,14), Yukon Territory. Exploration and Geological Services Division, DIAND, Open File 1992-1.

MINERAL INDUSTRY REPORT 1975, p. 86-87.

*needs
approval*

copy 2

MINFILE: 116B 102
PAGE NO: 1 of 1
UPDATED: 07/26/94

**YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE**

NAME(S): Wizard
MINFILE #: 116B 102
MAJOR COMMODITIES: Cu,Zn,Pb
MINOR COMMODITIES: Co
TECTONIC ELEMENT: Mackenzie Platform
NTS MAP SHEET: 116 B 13
LATITUDE: 64°50'52"N
LONGITUDE: 139°42'32"W
DEPOSIT TYPE: Vein
STATUS: Showing

CLAIMS (PREVIOUS AND CURRENT)

ID, MONSTER

WORK HISTORY

Staked as Id cl (Y99957) in Aug/75 by the Blackstone Project (Union Miniere and Shell OL), which conducted mapping and geochem sampling in 1975, 1976 and 1977. Some drilling is also believed to have been done. Rinsey Mines Ltd optioned the property in 1990. Restaked as the Monster 41-72 cl (YB42107) in Jun/93 by Pamicon Developments Ltd. and Equity Engineering Ltd. In Jul/93, Equity Engineering performed a program of geological mapping, prospecting and soil geochemical sampling in conjunction with work done on Minfile #116B 084, which was staked by them as the Monster 1-40 cl (YB41239) in Jun/93.

GEOLOGY

Chalcopyrite, bornite and cobaltite occur within quartz-carbonate veins, quartz veinlets and stockworks along a fault zone and as disseminations in Middle Proterozoic shale and quartzite near the margins of breccia bodies and/or diorite sills and dykes. Mineralization also occurs in specular hematite heterolithic breccia. Lead and zinc anomalies extend over 2 km and are accompanied by high cobalt values. Assays have returned values between 1.1 and 27% combined Zn-Pb. The mineralization has a lead isotopic age of 1.4 Ga, and resembles that found on the Blende property (Minfile 106D 064). Individual samples gathered in 1993 by Equity assayed up to 6.68% Cu, 1.34% Co, 460 ppb Au and 24.4 ppm Ag.

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GEORGE CROSS NEWSLETTER, 23 Dec/91.

LANE, R.A., AND GODWIN, C.I., 1992. Geology of the Ogilvie Mountains Breccias, Coal Creek Inlier (NTS 116B/11,13,14), Yukon Territory. Exploration and Geological Services Division, DIAND, Open File 1992-1.

MINERAL INDUSTRY REPORT 1976, p. 144 ; 1977, p. 56-57.

RINSEY MINES LTD, 1990. Vancouver Stock Exchange Open File.

MINFILE: 116B 084
PAGE NO: 1 of 1
UPDATED: 07/26/94

**YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE**

NAME(S): Tart	NTS MAP SHEET: 116 B 13
MINFILE #: 116B 084	LATITUDE: 64°50'00"N
MAJOR COMMODITIES: Zn	LONGITUDE: 139°50'00"W
MINOR COMMODITIES: Pb,Cu	DEPOSIT TYPE: Mississippi Valley
TECTONIC ELEMENT: Mackenzie Platform	STATUS: Drilled prospect

CLAIMS (PREVIOUS AND CURRENT)

TART, MONSTER

WORK HISTORY

Staked as Tart cl (Y90229) in Nov/74 by Dynasty EL. In 1975, the claims were transferred to Cyprus Anvil Mg Corp which explored with mapping, grid soil sampling, hand trenching and 4 drill holes (494.7 m). Restaked as the Monster 1-40 cl (YB41239) in Jun/93 by Pamicon Developments Ltd. and Equity Engineering Ltd. In Jul/93, Equity Engineering performed a program of geological mapping, prospecting and soil geochemical sampling in conjunction with work done on Minfile #116B 102, which was staked by them as the Monster 41-72 cl (YB42107) in Jun/93.

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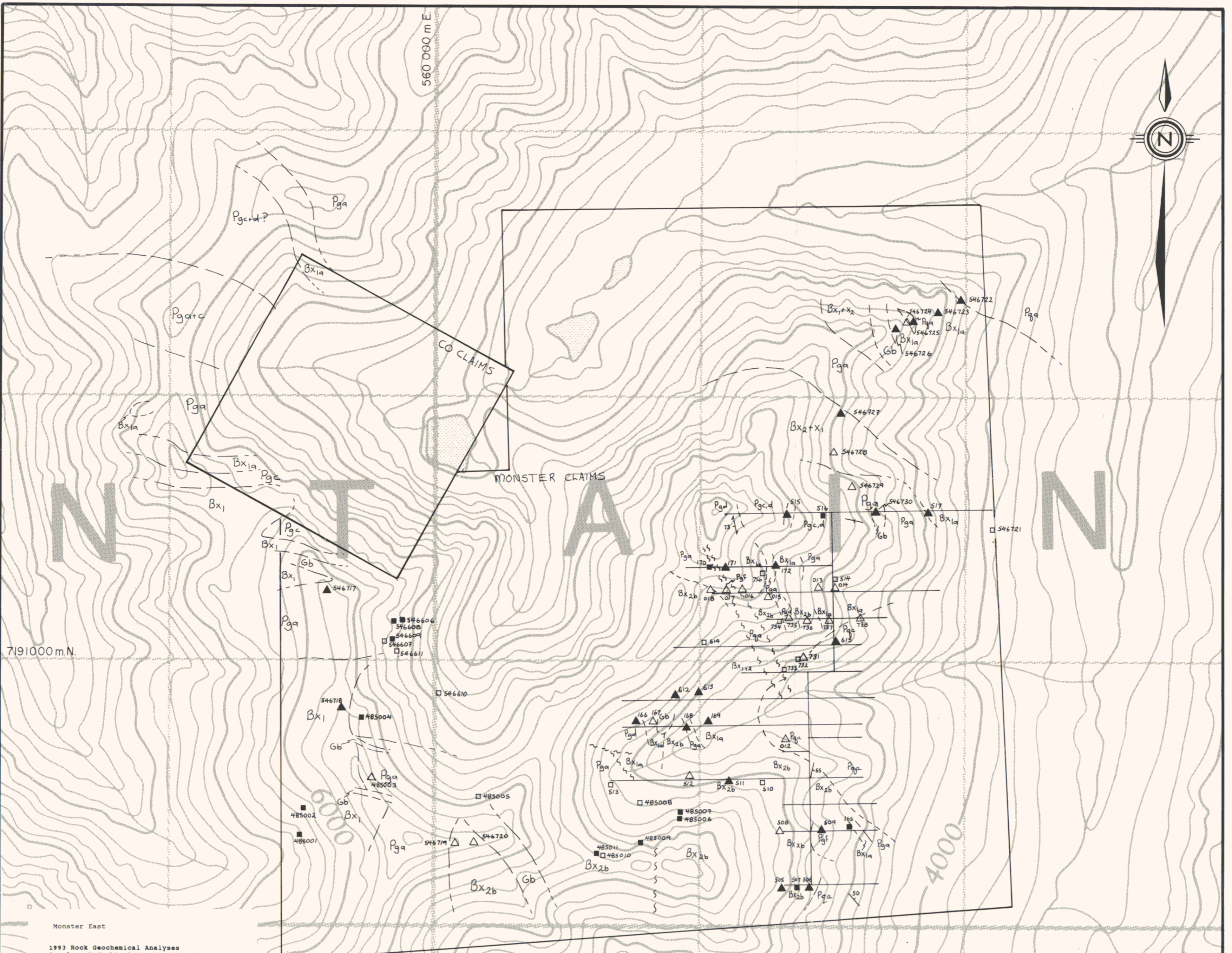
REFERENCES

CYPRUS ANVIL MINING CORP., Oct/75. Assessment Report #061483 by P.M. Dean.

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MINERAL INDUSTRY REPORT 1975, p. 86-87.



1993 Rock Geochemical Analyses

Sample	Au(ppb)	Ag(ppm)	Co(ppm)	Cu(ppm)
756	20	1.2	84	1.39%
485001	<5	3.2	84	2413
485002	40	6.8	83	5061
485003	30	<0.2	1	57
485004	<5	<0.2	7	122
485005	<5	<0.2	46	2786
485006	<5	<0.2	31	6.68%
485007	<5	<0.2	16	4.21%
485008	<5	<0.2	75	1.08%
485009	<5	<0.2	12	198
485010	<5	<0.2	66	5800
485011	<5	<0.2	74	2163
485012	<5	<0.2	23	6893
485013	<5	<0.2	22	109
485014	<5	<0.2	25	28
485015	<5	<0.2	11	1
485016	<5	<0.2	16	109
485017	<5	<0.2	1	<1
485018	<5	<0.2	20	66
509165	<5	<0.2	36	2414
509166	<5	<0.2	23	100
509167	<5	<0.2	17	29
509168	<5	<0.2	18	2
509169	<5	<0.2	14	1
509170	<5	<0.2	84	153
509171	<5	<0.2	17	3
509172	<5	<0.2	26	39
546505	<5	<0.2	28	27
546506	<5	<0.2	33	<1
546507	<5	<0.2	24	500
546508	<5	<0.2	14	21
546509	<5	<0.2	45	42
546510	<5	<0.2	15	115
546511	<5	<0.2	11	168
546512	<5	<0.2	16	2953
546513	<5	<0.2	54	2736
546514	<5	<0.2	<1	44
546515	<5	<0.2	15	24
546516	<5	<0.2	18	82
546517	<5	<0.2	26	12
546606	280	8.4	1523	1.20%
546607	40	2.2	934	6973
546608	<5	6.8	204	9306
546609	295	0.2	1,344	1043
546610	460	24.4	7493	2,904
546611	15	3.6	555	1,424
546612	<5	<0.2	56	279
546613	<5	<0.2	19	56
546614	<5	1.8	13	1.16%
546615	<5	<0.2	23	99
546717	<5	<0.2	74	325
546718	<5	<0.2	7	21
546719	<5	<0.2	18	130
546720	<5	<0.2	11	13
546721	<5	<0.2	36	1,014
546722	<5	<0.2	67	18
546723	<5	<0.2	12	45
546724	<5	<0.2	31	3011
546725	<5	<0.2	15	8056
546726	<5	<0.2	7	932
546727	<5	<0.2	16	<1
546728	<5	<0.2	24	55
546729	<5	<0.2	6	382
546730	<5	<0.2	30	11
546731	<5	<0.2	27	1476
546732	115	3.2	191	1.39%
546733	<5	<0.2	21	2591
546734	<5	<0.2	61	1,424
546735	<5	<0.2	26	130
546736	<5	<0.2	16	105
546737	<5	<0.2	18	95
546738	<5	<0.2	19	15

LEGEND
LITHOLOGIES

PROTEROZOIC

gb Gabbro, diorite
Bx Hematite breccia
Bx₁ Heterolithic breccia
Bx₁ hydrothermal matrix comprised of alteration minerals: K-feldspar, plagioclase, carbonate, quartz
Bx₂ Homolithic breccia
Bx_{2b} dolomite and silty dolomite fragments, usually sparry carbonate matrix

WERNECKE SUPERGROUP

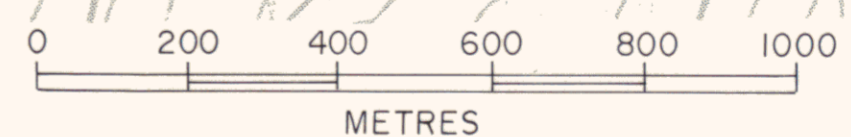
Pg Gillespie Lake Group: Buff-, orange-, grey-, and locally maroon-weathering dolomite, dolomite terrigenous admixtures, limestone, claystone, mudstone, siltstone and fine sandstone, locally contains banded iron formation.
Pga dolomite
PgC maroon mudstone, siltstone
PgD light to dark green mudstone, siltstone
PgF mafic volcanics, locally amygdaloidal

Pq Quartz Group: Dark grey- and grey-weathering siltstone, mudstone, claystone and fine sandstone (wavy bedded); local quartzite, locally contains banded iron formation.
Pqa black shale with sandstone and shale interbeds, quartzite

SYMBOLS

--- Geological contact (approximate)
~ Fault (assumed)
--- Bedding
— Dyke or vein
△, ▲ Lithochemical sample (float, outcrop)
□, ■ Grab sample from mineralization (float, outcrop)

* note: within grid area only last three digits in sample number shown



MONSTER J. V. 093204

MONSTER EAST DWG 477

GEOLOGY & GEOCHEMISTRY

YUKON TERRITORY

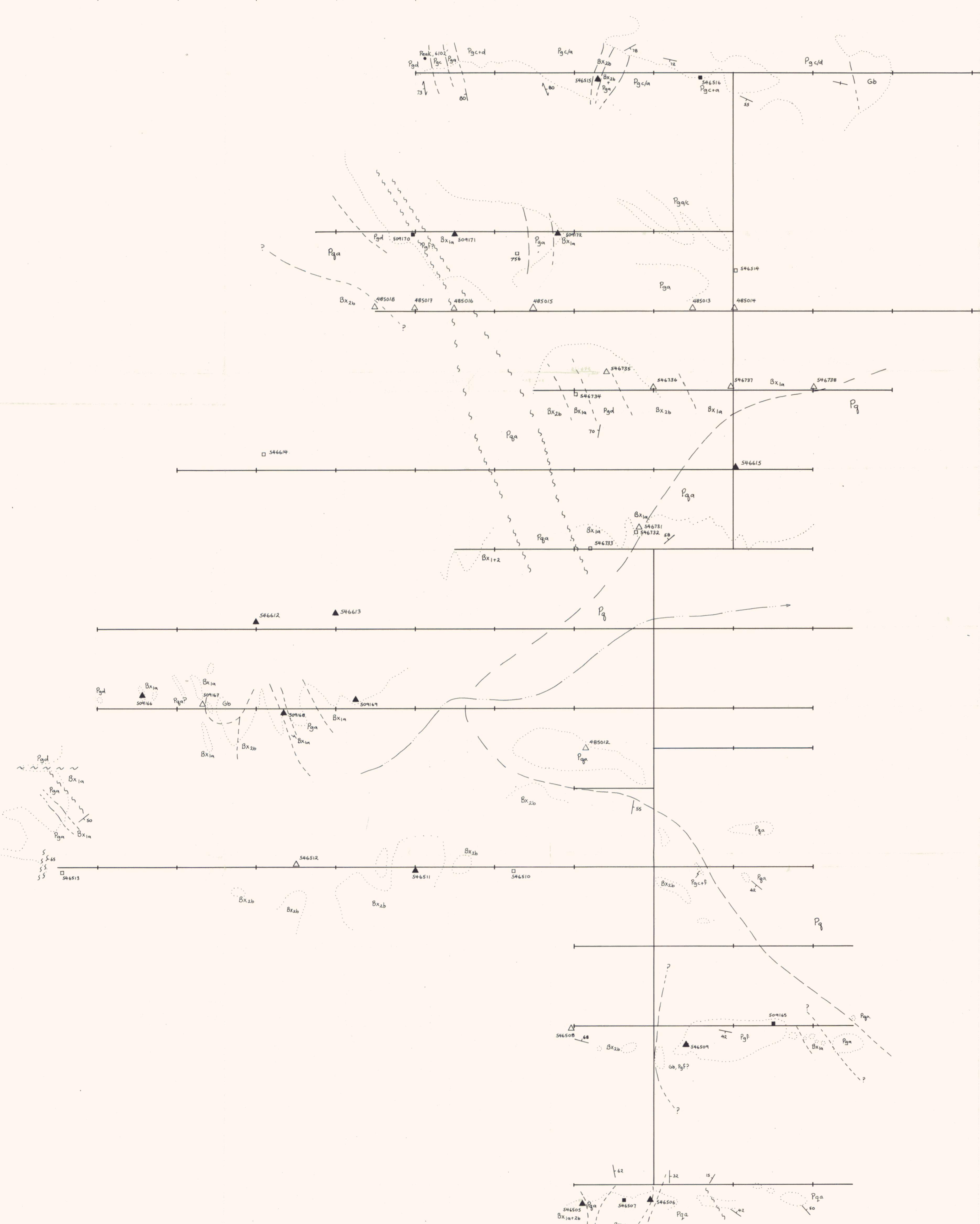
PAMICON DEVELOPMENTS LTD.
EQUITY ENGINEERING LTD.

DRAWN: J.W./D.M.	MINING DIST.: DAWSON	FIGURE 4
N.T.S.: 116 B/13	SCALE: 1:10,000	
DATE: AUG. 1993	REVISED:	

4300.E. 4400.E. 4500.E. 4600.E. 4700.E. 4800.E. 4900.E. 5000.E. 5100.E. 5200.E. 5300.E. 5400.E. 5500.E. 5600.E. 5700.E.



6400N. —
6300N. —
6200N. —
6100N. —
6000N. —
5900N. —
5800N. —
5700N. —
5600N. —
5500N. —
5400N. —
5300N. —
5200N. —
5100N. —
5000N. —



1993 Rock Geochemical Analyses

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756	20	1.2	84	1.39%
485012	<5	<0.2	23	6893
485013	<5	<0.2	22	109
485014	<5	<0.2	25	28
485015	<5	<0.2	11	1
485016	<5	<0.2	16	109
485017	<5	<0.2	1	<1
485018	<5	<0.2	20	66
509165	<5	<0.2	36	2414
509166	<5	<0.2	23	100
509167	<5	<0.2	17	29
509168	<5	<0.2	18	2
509169	<5	<0.2	14	1
509170	<5	0.2	84	1533
509171	<5	<0.2	17	3
509172	<5	<0.2	26	39
546505	<5	<0.2	28	27
546506	<5	0.2	33	<1
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546514	<5	<0.2	<1	44
546515	<5	<0.2	15	24
546516	<5	<0.2	18	82
546517	<5	<0.2	26	12
546612	<5	0.2	56	279
546613	<5	<0.2	19	56
546614	<5	1.8	13	1.16%
546615	<5	<0.2	23	99
546731	<5	<0.2	27	1476
546732	115	3.2	191	1.39%
546733	<5	<0.2	21	2591
546734	5	<0.2	61	1.42%
546735	15	<0.2	26	130
546736	<5	<0.2	16	105
546737	<5	<0.2	18	95
546738	<5	<0.2	19	15

LEGEND
LITHOLOGIES

- PROTEROZOIC**
- Gb** Gabbro, diorite
 - Bx** Hematite breccia
 - Bx₁** Heterolithic breccia
 - Bx_{1a}** hydrothermal matrix comprised of alteration minerals: K-feldspar, plagioclase, carbonate, quartz
 - Bx₂** Homolithic breccia
 - Bx_{2a}** dolomite and silty dolomite fragments, usually sparry carbonate matrix
- WERNECKE SUPERGROUP**
- Pg** **Gillespie Lake Group:** Buff-, orange-, grey-, and locally maroon-weathering dolomite, dolomite terrigenous admixtures, limestone, claystone, mudstone, siltstone and fine sandstone, locally contains banded iron formation.
 - Pga** dolomite
 - Pgc** maroon mudstone, siltstone
 - Pgd** light to dark green mudstone, siltstone
 - Pgf** mafic volcanics, locally amygdaloidal
 - Pq** **Quartet Group:** Dark grey- and grey-weathering siltstone, mudstone, claystone and fine sandstone (wavy bedded); local quartzite, locally contains banded iron formation.
 - Pqa** black shale with sandstone and shale interbeds, quartzite

SYMBOLS

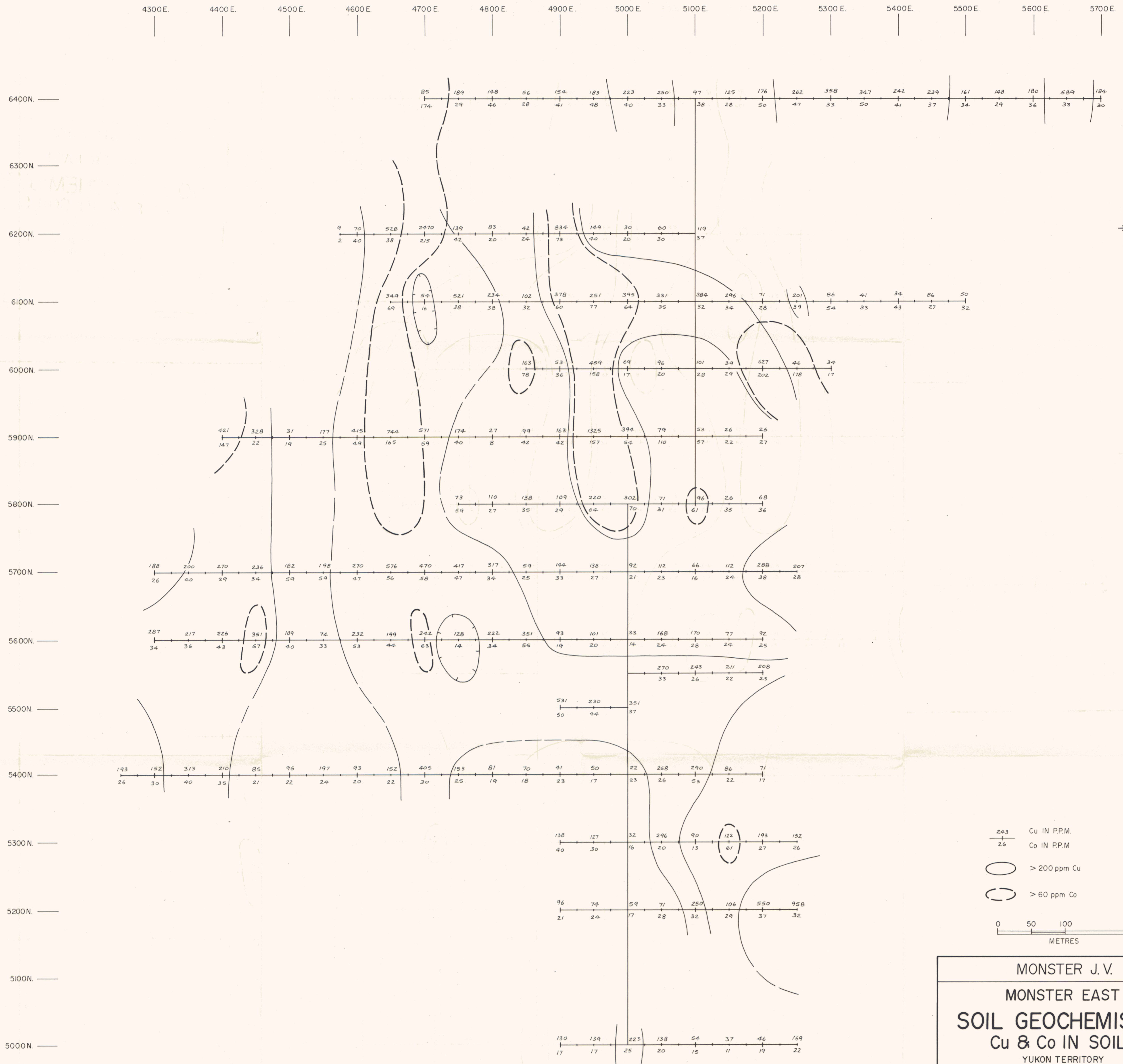
- Geological contact (approximate)
 - ~ Fault (assumed)
 - Bedding
 - Dyke or vein
 - △, ▲ Lithogeochemical sample (float, outcrop)
 - , ■ Grab sample from mineralization (float, outcrop)
- * note: within grid area only last three digits in sample number shown



MONSTER J. V.
MONSTER EAST DWG 478
**GEOLOGY &
GEOCHEMISTRY**
YUKON TERRITORY

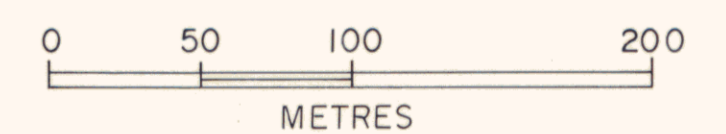
PAMICON DEVELOPMENTS LTD.
EQUITY ENGINEERING LTD.

DRAWN: J.W./D.M.	MINING DIST.: DAWSON	FIGURE
N.T.S.: 116 B/13	SCALE: 1:2500	5
DATE: AUG. 1993	REVISED:	

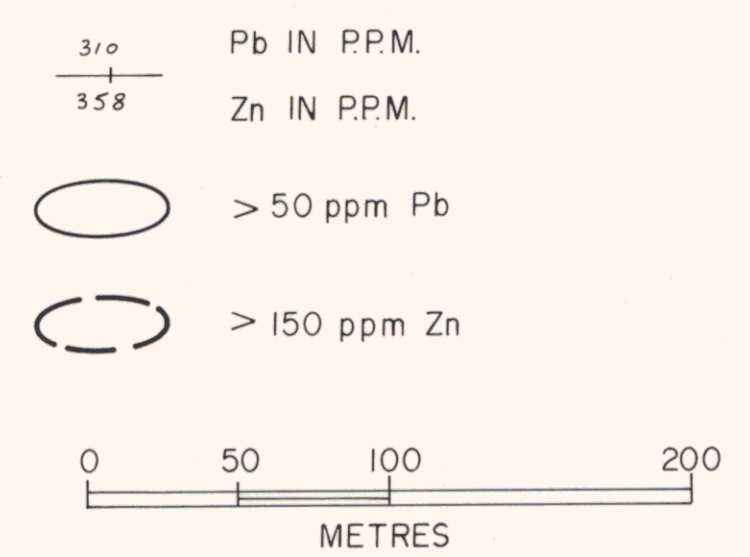
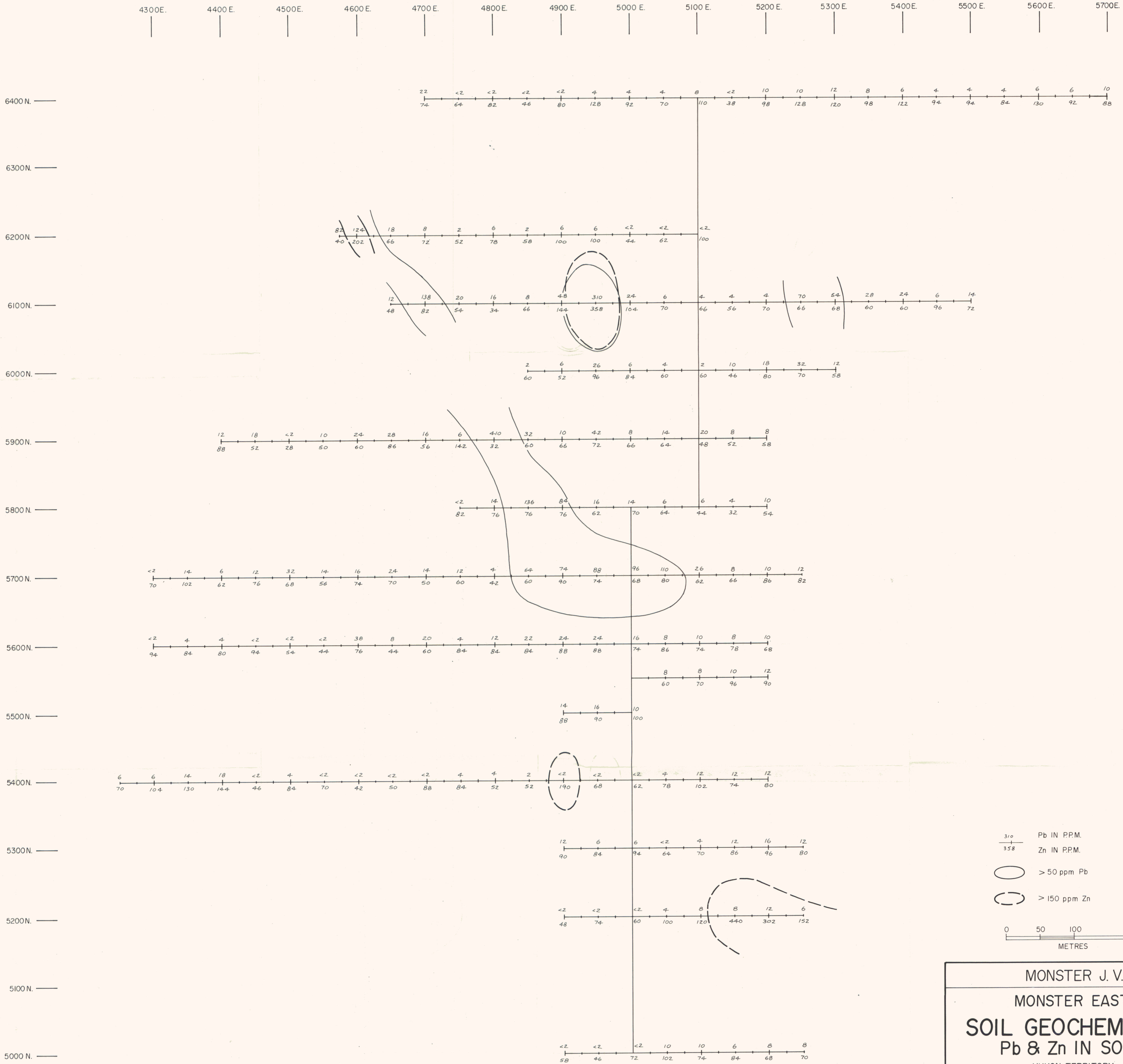


243 Cu IN P.P.M.
26 Co IN P.P.M.

○ > 200 ppm Cu
⊖ > 60 ppm Co



MONSTER J.V. 0932 : 4		
MONSTER EAST DWG 4793		
SOIL GEOCHEMISTRY		
Cu & Co IN SOILS		
YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN: J.W./D.M.	MINING DIST.: DAWSON	FIGURE
N.T.S.: 116B /13	SCALE: 1:2500	6
DATE: AUG. 1993	REVISED:	



MONSTER J. V. 0932.4		
MONSTER EAST DWG 4801		
SOIL GEOCHEMISTRY		
Pb & Zn IN SOILS		
YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN: J.W./D.M.	MINING DIST.: DAWSON	FIGURE 7
N.T.S.: 116 B/13	SCALE: 1:2500	
DATE: AUG. 1993	REVISED:	