Exploration Work Report
for the
Croxall-Kangas Option

Chevron Canada-Umex Inc. Joint Venture
Price, Ogden and Thorneloe Townships
Porcupine Mining Division
District of Cochrane, Ontario
NTS 42-A-5/6

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David Mullen
Consulting Geologist

JMMARY

During late 1987 and 1988 an intergrated gold exploration program of linecutting, ground geophysics, geological mapping, overburden stripping, soil and rock geochemistry and diamond drilling was carried out on the Croxall-Kangas property in Price, Ogden and Thorneloe Townships. The writer supervised or conducted most of this work.

The property is underlain by intensely deformed and altered volcanic and sedimentary rocks straddling the Deloro-Tisdale Supergroup boundary. The sequence is the distal equivalent of the famous Porcupine gold camp located 18 kilometers to the northeast.

The northern gridded portion of the property is covered by extensive overburden, in places in excess of 60 meters. Airborne and ground geophysical data and drill core from the surrounding area suggested the presence of a major structure (break) and the same stratigraphy that hosts the gold deposits in the southern part of the Porcupine Camp (Aunor, Delnite, Kenilworth, Desantis). Based on this interpretation, two holes (PO-88-1,2) were drilled to cross-section the interpreted "break" and favourable stratigraphy. A third hole (PO-88-3) was drilled on an IP chargeability target, 650 meters south of PO-88-2.

The drilling intersected a series of ankeritic mafic volcanics intercalated with strongly fractured, hematitic clastic sediments, minor weakly graphitic sediments and pyritic intermediate tuffs and volcanics intruded by an unusual mafic-ultramafic sill, quartz-feldspar porphyritic and felsic dykes. A 25 meter wide shear zone is present along the northern contact of the mafic-ultramafic intrusion.

Several quartz-carbonate veins up to 60 cm in width with accessory fuchsite, tourmaline, pyrite, chalcopyrite and galena were cored but generally returned very low gold values. The best gold value

of 2.8 gm/tonne over 60 cm is from a pyritic quartz-ankerite veined zone cutting an ankeritic felsic dyke. Other values from the same dyke are also anomalous in gold (>400 ppb). Similar dykes intersected in drilling also returned several anomalous gold assays suggesting they are favourable gold depositional sites and exploration targets. The pyritic intermediate tuffs and volcanics are only weakly anomalous in gold and have low base metal contents.

The mafic-ultramafic intrusion has a very unusual alteration assemblage characterized by the sodic amphibole richterite. This mineralogy coupled with the intense hematization and fracturing of the adjacent sediments and volcanics suggests that a younger extensive alkali metasomatic event has overprinted the carbonate alteration assemblage and postdates gold deposition.

The southern gridded part of the property is dominated by two main bands of chert-magnetite-(pyrite) iron formation intercalated with sericite, chlorite-carbonate (ankerite) and graphite schists (intermediate volcanics and tuffs, sediments) and overlain by chlorite and talc-chlorite schists of komatiitic affinity. This sequence is intensely foliated, chevron folded and faulted. The trace of the Porcupine-Destor Break probably passes through this area. Several zones with quartz veining of various ages are present.

The soil survey over this part of the grid revealed numerous areas with higher gold contents but subsequent power stripping and bedrock sampling failed to outline any zones of economic gold mineralization even though favourable alteration, structures and quartz veins were exposed. Only three samples returned gold values greater than 20 ppb, all from weakly pyritic iron formation.

Two ages of diabase dykes, an older north-south swarm and a younger northwest trending set crosscut all other rock types. Both are however truncated by a north trending fault along the eastern side of the claim block, subparallel and probably related to the Mattagami River Fault.

RECOMMENDATIONS

Since the best gold assays occur in altered felsic dykes in the northern part of the property, these units should be focussed on in the next phase of gold exploration. Because of extensive overburden cover, diamond drilling is the only method available to further investigate their gold potential. It is therefore recommmended to drill three holes totalling 750 meters; one 400 meters to the west and the other two, 400 and 825 meters to the east of hole PO-88-2. Drill parameters are listed under separate cover.

The pyritic material intersected in PO-88-3 is only weakly anomalous in gold and the host rocks do not appear to be favourable base metal targets based on their whole rock compostion, so no further drilling is recommended along this IP chargeability high. However, other IP targets remain to be tested, including one associated with chlorite schists (mafic volcanics) and another flanked by zones of higher gold values in soil. Three holes totalling 450 meters are recommended to examine these IP targets.

The southern contact of the mafic-ultramafic intrusion with possible tholeiitic volcanics should be drill tested as a shear zone similar to the one along its northern contact may be present. Also, this hole should overlap the bottom of PO-88-3 which stopped in ankeritic mafic volcanics cut by narrow quartz veins with weakly anomalous gold contents (up to 150 ppb/1.0m). Disseminated tourmaline is also present in the mafic flows. One 300 meter hole is recommended.

Prior to this drilling, the existing grid should be extended and magnetically surveyed from TL 7N to BL 12N and westward into Thorneloe Township to help delineate the diabase dykes and other magnetic features. Approximately 12 kilometers of linecutting and surveying is

required. Further extension eastward to the Grassy River is dependent upon drill results. Some additional IP surveying may be required on the new grid if drill results are encouraging.

No further work is recommended for the southern part of the existing grid. Trenching has provided enough exposure to assess the geology of the area and sampling has failed to encounter any economic gold concentrations.

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INTRODUCTION

An integrated program of ground geophysics, geological mapping, soil geochemistry, overburden stripping and diamond drilling was carried out on the gridded portion of the Croxall-Kangas Option during 1988. Linecutting was initially started in the summer of 1987 with additional lines cut in late December 1987 followed by a ground magnetic survey in January 1988. The current grid only covers a portion of the claim block in Price Township and does not extend onto claims in adjoining Odgen and Thorneloe Townships. A horizontal loop survey was completed over a portion of the grid during February. Timmins Geophysics of South Porcupine, Ontario conducted the work.

Geological mapping was carried out during May and June 1988 by the writer although some mapping was done by Mr. David Stevenson in the fall of 1987. Drill core from the surrounding area was also examined at the drill core library to aid in the geological interpretation. A soil geochemical survey was completed on the original grid in October 1987 with additional sampling over the southern half of the new grid in July 1988.

Based on the above surveys, five trenches and several test pits were excavated on the southern part of the grid by bulldozer and backhoe contracted from Leo Allarie and Sons Ltd. of Timmins during June, July and August. The trenches were mapped in detail and channel sampled. An IP survey was run over four lines of the grid in September 1988 by Timmins Geophysics to help in drill target selection. Two of the grid lines were extended for the IP survey.

Three holes totalling 724.5 meters were drilled during the latter half of September by Dominik Drilling of Porcupine, Ontario. The writer logged all the core of the program.

ACKNOWLEDGEMENTS

The writer would like to thank Mr. Stew Fumerton of Chevron Canada-Timmins for logistical support and helpful discussions during all phases of the exploration program.

LOCATION, ACCESS and TOPOGRAPHY

The Croxall-Kangas property is located approximately 16 kilometers southwest of the City of Timmins, in northwest Price, southern Ogden and eastern Thorneloe Townships (Figure 1).

Access is provided by two main all weather gravel roads. The Wawaitin Falls Road crosses the northern part of the gridded area while the Musgrove Road branches south from the Wawaitin Falls Road and skirts the eastern side of the southern grid. Numerous logging roads branch from both above roads providing excellent access to all areas of the property. A high voltage hydro-electric transmission line diagonally crosses the gridded area.

The gridded portion of the claim block is dominated by numerous undulating sand ridges (aeolian dunes), representing reworked glacio-fluvial deposits (eskers, kames). Wind direction appears to have been predominantly from the northeast before vegetation cover halted further advance. These deposits are thicker to the north and east where relief is over 25 meters. Several small kettle lakes are found along the eastern, western and northern boundaries. One dry kettle was also noted. A broad swampy area occurs in the northern part of the southern grid while narrow valleys between the sand ridges are often wet. The Mattagami River crosses the northwest corner of the claim block while the Grassy River approximately marks the eastern boundary.

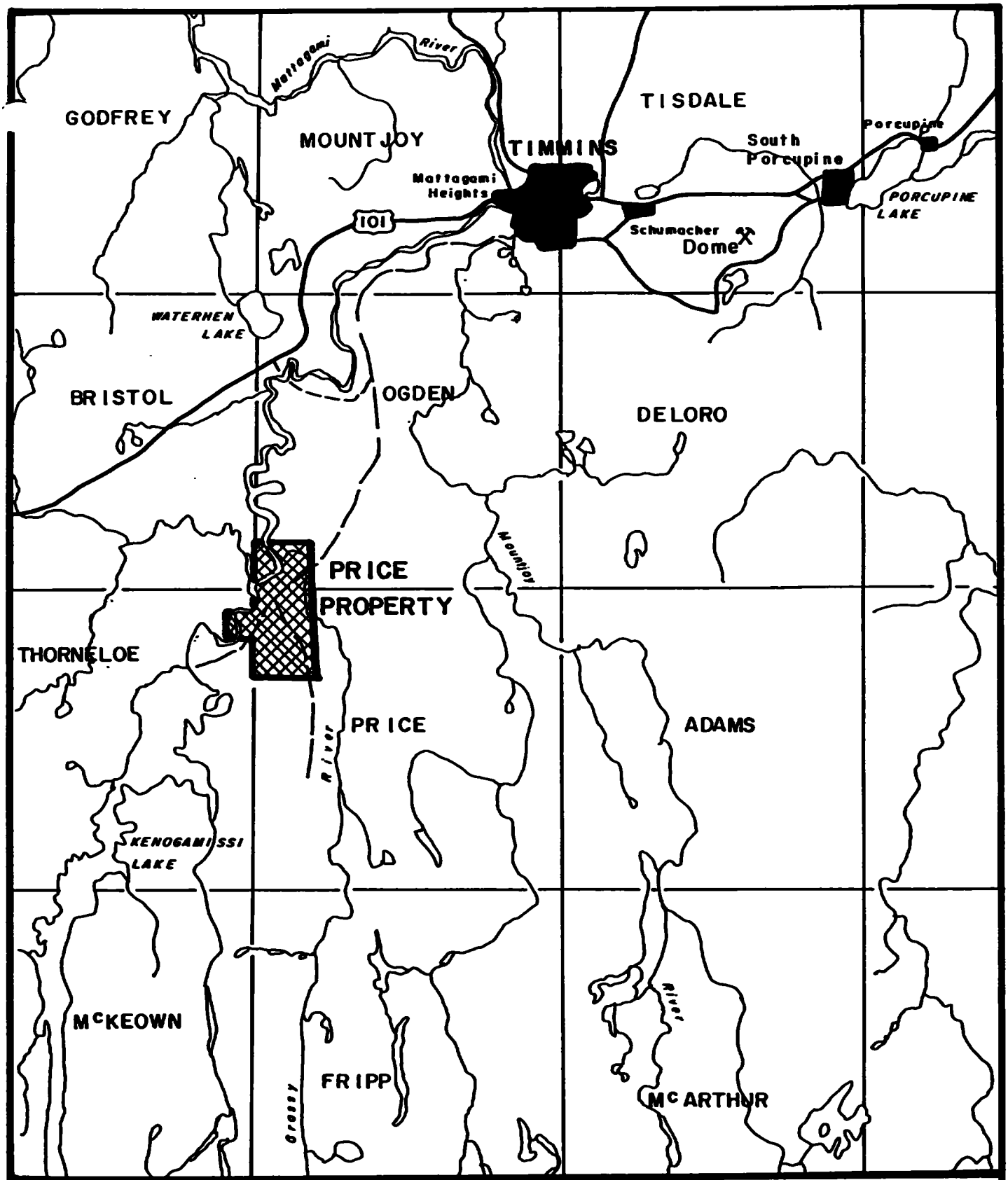


Figure 1

CHEVRON – UMEX J V

CROXALL – KANGAS OPTION
PRICE TOWNSHIP

PROPERTY MAP

	Data : Mullen
Date : 21/06/88	Drawn : L

Over the past 30 years most of the property has been logged with tree size reflecting the various ages of timber harvesting. The most recent cutting operations were in the southern part of the south grid. Tree types include mainly second growth poplar, moose maple and reforested jackpine. Locally are stands of birch, spruce and balsam. The swampy areas contain cedar, alder and spruce.

Because of the cutting operations and rapid growth of poplar and reforested jackpine, claim lines and posts were virtually impossible to find and follow.

PROPERTY STATUS

The Croxall-Kangas claim block consists of 72 contiguous unpatented mining claims totalling approximately 1165 hectares (2880 acres). Of the 72, 48 are in Price Township, 20 in Ogden Township and 4 in Thorneloe Township. Claim numbers are listed below.

Price Township (covered by grid):

P-849065, P-849066, P-849069, P-871793 to P-871797 inclusive, P-880298, P-880301 to P-880310, P-889259 to P-889264 inclusive, P-900409 to P-900415 inclusive, P-988131 to P-988134 inclusive

Price Township (not covered by grid):
P-849067, P-849068, P-871790 to P-871792 inclusive, P-880299, P-880300, P-1033734 to P-1033737 inclusive, P-1033744

Ogden Township (not covered by grid):
P-998017 to P-988024 inclusive, P-988246 to P-988257 inclusive

Thorneloe Township (not covered by grid):
P-880296, P-880297, P-905586, P-905587

PREVIOUS WORK

The Croxall-Kangas property has been investigated by several exploration companies and individuals over the past 50 years although only two drill holes were collared on the current gridded portion of

the claim block. Several airborne surveys have covered various parts of the property, the most recent being flown by Chevron Canada in 1987.

In 1946 Bruin Yellowknife Mines Ltd. conducted a ground magnetic survey on a claim block that overlapped the southern portion of the current grid. No further work was filed by this company. Also during 1946 Goldmont Porcupine Mining Syndicate surveyed a single E-W line across the center of the property. No follow-up work was submitted.

During 1964 North Rock Explorations Ltd. drilled two holes on the northern gridded area, approximately located on claims P-900414 and P-889263. The drill collars were not found during the mapping survey. Hole NR-1 was drilled due south to a depth of 201.8 meters (662 ft) intersecting "Temiskaming" metasediments and tuffs, some of which were graphitic. Overburden depth was 39.8 meters. Hole NR-2 was abandoned at 76.5 meters (251 ft.) while still in overburden indicating a bedrock depth in excess of 63 meters.

Acme Gas and Oil Co. Ltd. conducted an airborne magnetic-electromagnetic survey over the southern portion of the claim block during 1966. In 1970 the same company examined the same area with a ground VLF survey. No further work was filed by Acme.

Robert Rousseau established 4 trenches on current claims P-880306, P-900409 and P-988131 during 1982 and 1984. No assays were submitted.

Samin Canada flew an AEM-mag survey over the southern part of the claim group in 1983.

Herman Tittley conducted a ground magnetic survey for Mike Deschene over part of the northern gridded area during 1985.

In 1986 Croxall-Kangas dug a 175 meter long trench on present claim P-871797 and also carried out some plugger work. Later in the same year Croxall-Kangas put in an 82 meter long trench and 3 pits 200 meters to the east of the first trench.

Chevron Canada flew an airborne magnetic-VLF survey over the claim block in 1987 and established a small grid over part of the southern portion of the claim group. During the winter of 1987/88 this grid was expanded to its current size whereby it now covers most of the claims in Price Township.

REGIONAL GEOLOGY

The Croxall-Kangas property lies approximately 18 kilometers southwest of the famous Porcupine Gold camp on the west side of the north trending Mattagami River Fault. The property straddles the Tisdale-Deloro Supergroup boundary and is bisected by the Porcupine-Destor Break (Pyke 1982). Most of the gold mines of the area are found in Tisdale Supergroup rocks, north of the Porcupine-Destor Break.

The older Deloro Supergroup rocks consist primarily of calc-alkalic andesites capped and interlayered with chert-magnetite and chert-sulphide iron formation. The younger Tisdale Supergroup rocks have a base consisting of komatiitic and high magnesium tholeiitic basalts grading upwards into high iron tholeiites in turn overlain by calc-alkalic felsic tuffs and fragmentals. Westward along strike these volcanic sequences thin and interfinger with Porcupine Group Sediments (Pyke 1982). The rocks on the Croxall-Kangas property are part of this more distal assemblage.

Movement on the Mattagami River Fault is sinistral with a horizontal displacement of approximately 10 kilometers. The vertical

component is not known but is probably significant based on the abundance of north trending diabase dykes found on the west side of the fault.

PROPERTY GEOLOGY

Outcrop on the Croxall-Kangas property is not abundant, occuring as isolated exposures and in trenches along a ridge stretching from approximately L2W to L14W between 1S and 5S. Other outcrops are found near TL 7N at L6W and L19W respectively and at L5W, 2+50N. No outcrop is present on the northern grid so the geological interpretation is based on diamond drill core and geophysical data. Telescoped core specimens for hole NR-1 are available at the Ontario Government core library facilities in Timmins.

Although the exposures display evidence of intense deformation and large scale folding and faulting is indicated, stratigraphic units still can be traced across the property using geophysical data.

The southern part of the property is underlain by strongly foliated and folded intermediate schists (volcanics?) overlain by one minor and two major bands of white to purple-grey chert, chert-magnetite and chert-pyrite iron formation. The schists are yellow-green, moderately sericitic and have a calc-alkalic composition. They are often highly folded but contain relatively undeformed narrow quartz veins.

The major bands of iron formation, averaging 90 meters in thickness, are separated by 80 to 150 meters of stretched pebble conglomerate, carbonate-chlorite schist and strongly carbonatized "quartz-bubble schist". Two horizons of graphitic argillite containing pyrite nodules to 5mm are intercalated with the northern band of iron

formation. A 20 cm thick seam of semi-massive pyrite was observed in Trench A. Although the southern major band of iron formation has a wider zone of sulphide-poor graphitic material, its overall sulphide content is higher, containing several meter-wide sections with 3-5% disseminated pyrite. The horizontal loop electromagnetic anomalies on the southern grid are caused by the above graphitic horizons. A trench at L6W, 5+00S contains a 50 cm wide seam of semi-massive pyrite. The southern iron formation also contains short sections of carbonate-sericite schist and narrow quartz veins.

A fuchsite-rich carbonate-quartz vein is exposed in a trench located at L6W, 5+00S associated with pyritic iron formation.

The three meter thick southernmost band of iron formation exposed in Trench C is overlain by two meters of sericitized argillite(?) or intermediate ash tuffs in turn overlain by three meters of komatiitic material altered to a talc-carbonate-chlorite schist. It is not known if the komatiitic unit is a flow or sill. This komatiite is overlain by the southern main band of iron formation.

The pebble conglomerate horizon sandwiched between the two main iron formations contains stretched clasts of amygdaloidal(?) volcanic, chert and intermediate schist. Aspect ratios are up to 10:1 although this may be partly reflecting the initial shape of some clasts. Most clasts are also folded along with the schistose carbonate-chlorite matrix. Where clasts are absent, the unit becomes a strongly foliated chlorite-carbonate schist. A 30 cm wide boudinaged quartz vein and 1.4 meter wide quartz-carbonate-fuchsite vein are found in Trench D within the above unit.

The "quartz bubble schist" was initially interpreted as strongly schistose amygdaloidal volcanics but closer examination of outcrop and

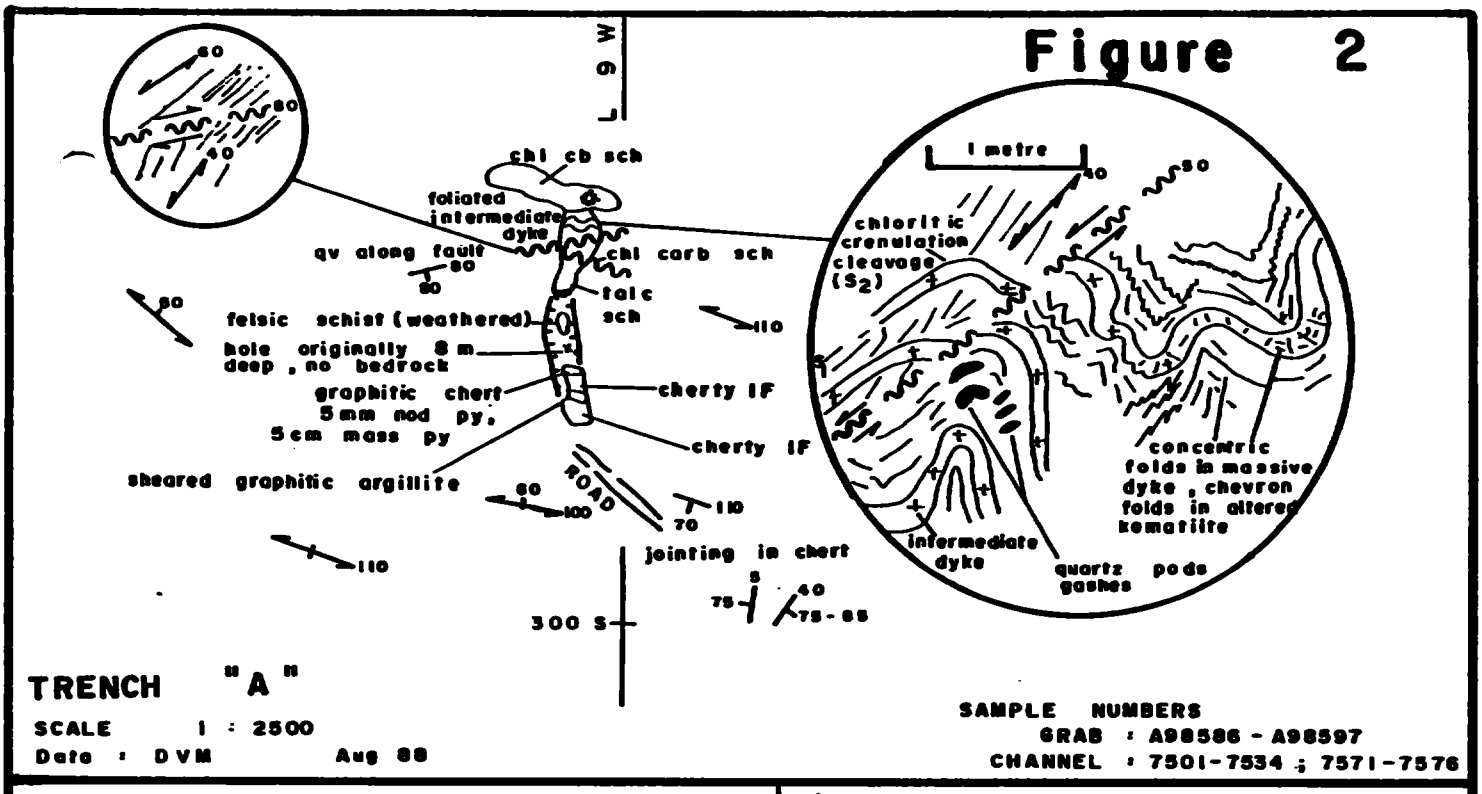
whole rock lithogeochemical data suggest that it is an extremely sheared sediment containing abundant cherty iron formation clasts. The lithogeochemical data reveals an elevated and highly variable Fe2O3 content (11.1-19.2%) accompanied by a very low TiO2 content (ave. 0.56%) suggesting that the "quartz bubble schist" is not a typical Fe-rich basalt. Alternatively, the high MnO content (ave. 0.52%) suggests an iron formation component. It contains rounded to elliptical quartz bubbles (chert clasts) to 3 cm, averaging 5mm, set in a strongly ankeritic schistose crenulated matrix. Carbonate lenticles are also present but usually are weathered out leaving a pitted outcrop surface. The "quartz bubble schist" may represent the surface expression of the Porcupine-Destor Break in this area.

A one meter wide talcose komatiite unit (flow) was observed in "quartz bubble schist" near L3W, 4+25S. Both folded and relatively undeformed quartz veins were observed in this schist at L14W, 3+00S.

The pebble conglomerate and "quartz bubble schist" are intruded by strongly carbonatized, P2O5-rich massive mafic-intermediate dykes with possible lamprophyric characteristics. These dykes have been folded along with the enclosing schists and preferentially contain narrow quartz veins which stop at the dyke margins.

Immediately north of the iron formations are outcrops of folded and crenulated dark green to grey komatiitic volcanics now converted to chlorite, carbonate and talc schists. Fuchsite alteration was observed in one outcrop near L5W, 1+50S. Their exposed thickness is approximately 50 meters although drilling by Kerr-Addison one kilometer to the west indicates a much thicker sequence of komatiitic flows intercalated with altered argillite-greywacke. The flows are intruded by several 10 cm to 1 meter-wide strongly carbonatized P2O5-

Figure 2



TRENCH "A"

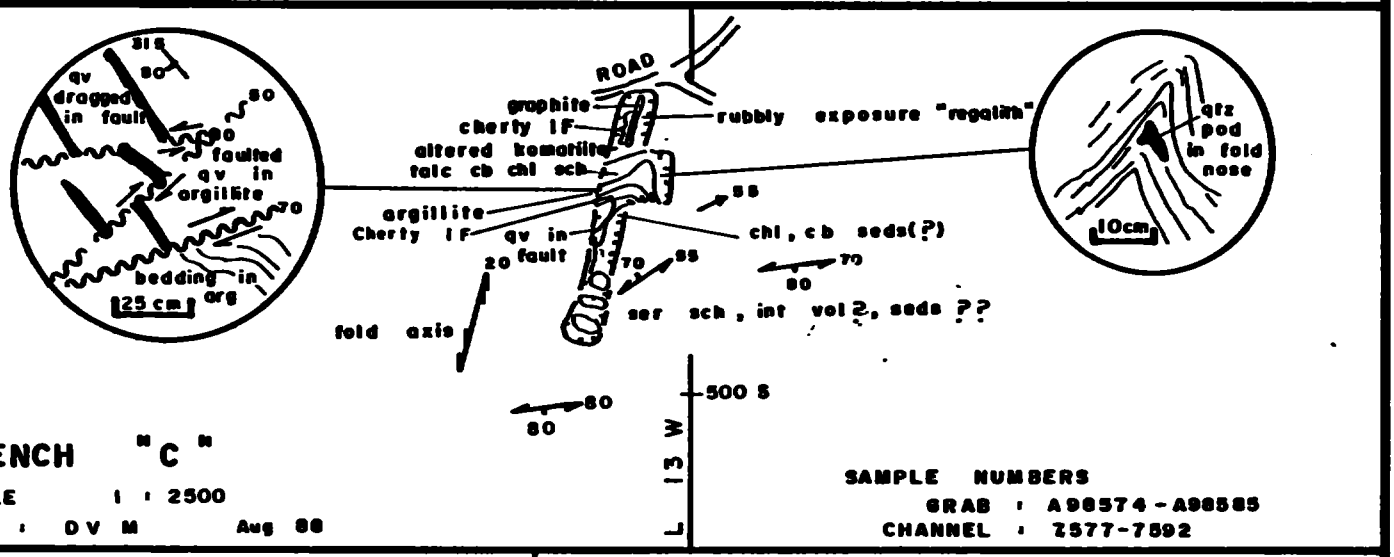
SCALE 1 : 2500

Data : D V M Aug 88

SAMPLE NUMBERS

GRAB : A98586 - A98597

CHANNEL : 7501-7534 ; 7571-7576



TRENCH "C"

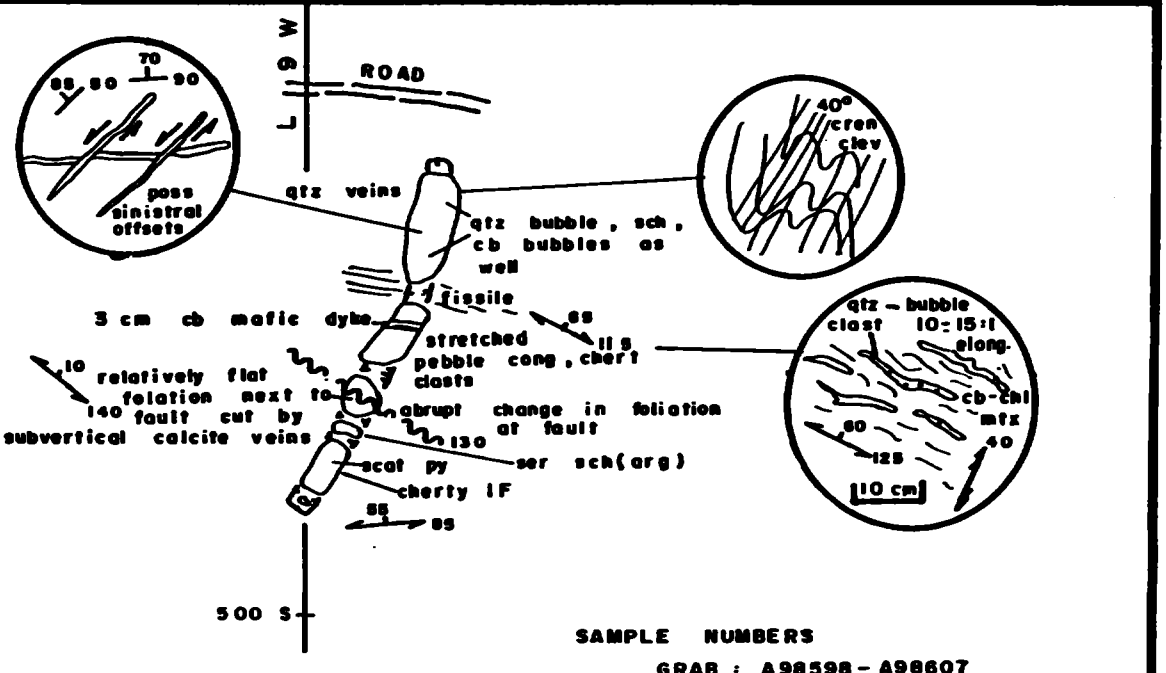
SCALE 1 : 2500

Data : D V M Aug 88

SAMPLE NUMBERS

GRAB : A98574 - A98585

CHANNEL : 7577-7592



TRENCH "B"

SCALE 1 : 2500

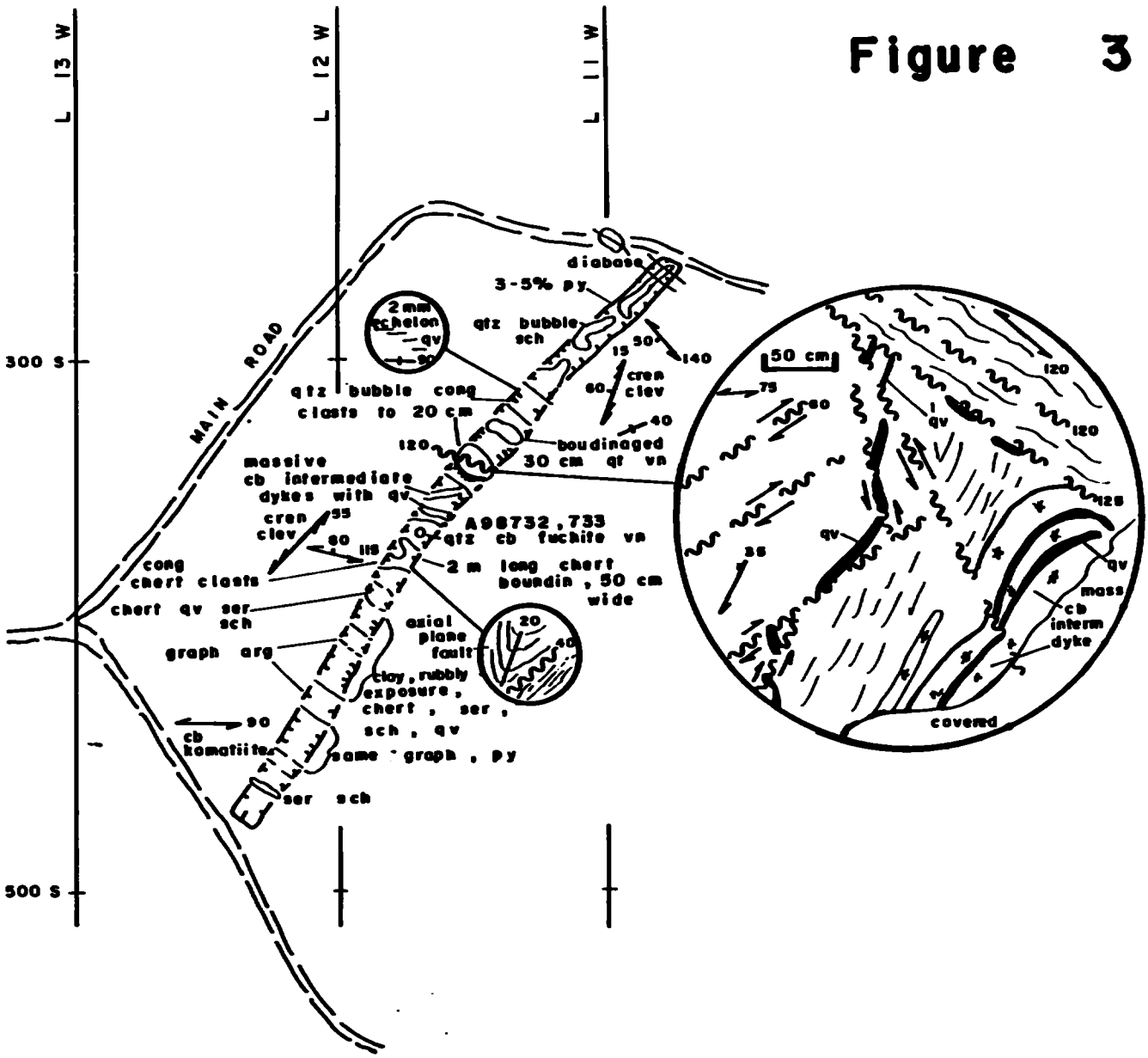
Data : D V M Aug 88

SAMPLE NUMBERS

GRAB : A98598 - A98607

CHANNEL : 7535-7568, 7570

Figure 3



TRENCH "D"

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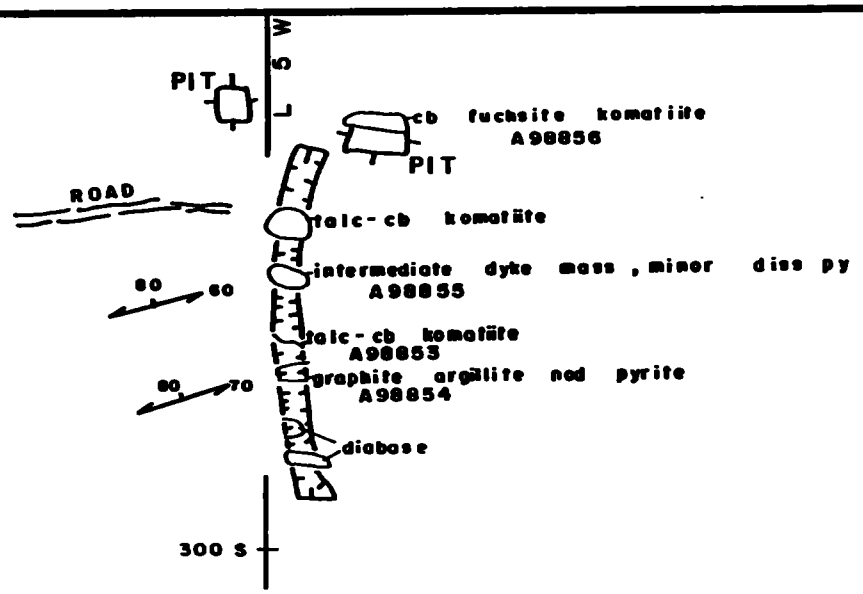
Data : D V M Aug 88

SAMPLE NUMBERS

GRAB : A98702 - A98719

CHANNEL : A98720 - A98852



TRENCH "E"

SCALE 1 : 2500

Data : D V M Aug 88

SAMPLE NUMBERS

GRAB : A98853 - A98856

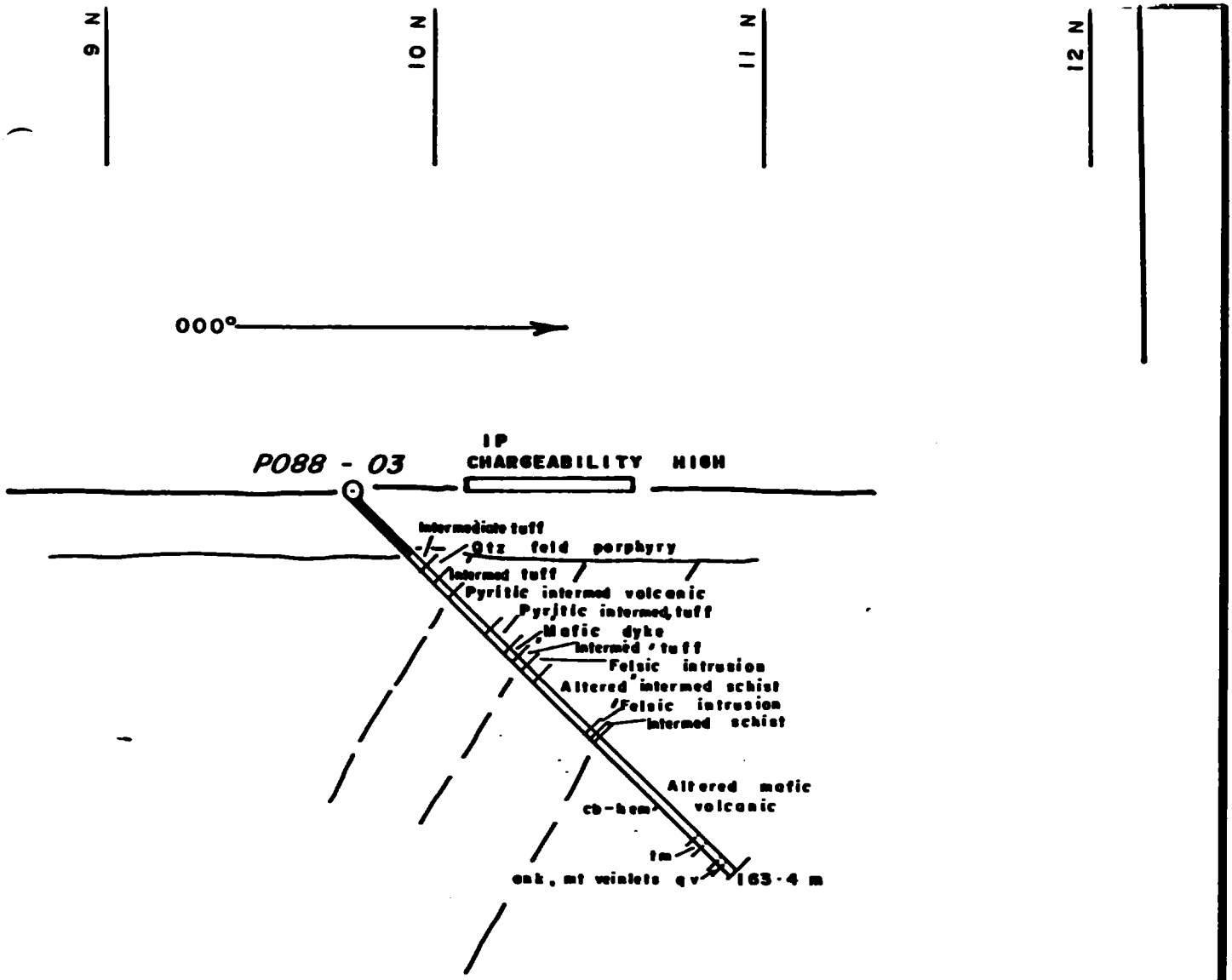
enriched intermediate dykes with 2-3% finely disseminated pyrite. Most of these dykes are of limited strike length (3-5 meters) but the largest dyke can be traced for approximately 25 meters. An old test pit was sunk on a pyritic quartz-veined section of this dyke. The dykes have been folded along with the adjoining schists (Figure 2).

North of the komatiitic flows are outcrops of strongly foliated and chevron folded "mixed fragmental" material (conglomerate) containing in decreasing abundance, flattened clasts of intermediate volcanic, quartz-feldspar porphyry, feldspar-phyric intermediate volcanic and carbonatized mafic volcanic. Clasts range in size from less than 1 cm to over 1 meter and appear matrix supported; the matrix being composed of chlorite and carbonate. All clasts show some degree of folding with the elongated intermediate clasts having a shorter wavelength than the more rounded quartz-feldspar porphyry clasts. A boudinaged 1-15 cm wide quartz vein cuts the conglomerate.

Between the komatiitic flows and the "mixed fragmental" is one outcrop of calc-alkalic intermediate sericite schist, identical in composition to the schists in the southern part of the property. Another exposure of this possible tuffaceous material is found at L6W, 6+75N, again with a similar chemical composition.

One outcrop of chlorite schist (Mg-tholeiitic mafic volcanic) with rare pyrite cubes to 1 cm was found at L19W, 6+00N. No other outcrops were located to the north but geological information is available from the three diamond drill holes cored during September 1988 (Figures 4 and 5).

Hole PO-88-3 cored a series of calc-alkalic intermediate units initially logged as being felsic in composition and an altered Mg-tholeiitic mafic flow. The calc-alkalic units consist of both ash-



BEST ASSAYS
P088 - 03

51.0 52.5	100 ppb Au		1090 ppm Zn
57.0 58.0	370 ppb Au	,	137 ppm Zn
58.0-59.1	210 ppb Au	,	228 ppm Zn
60.6-62.1	160 ppb Au	,	1400 ppm Zn
77.0-78.0	250 ppb Au		
158.5-159.5	150 ppb Au		

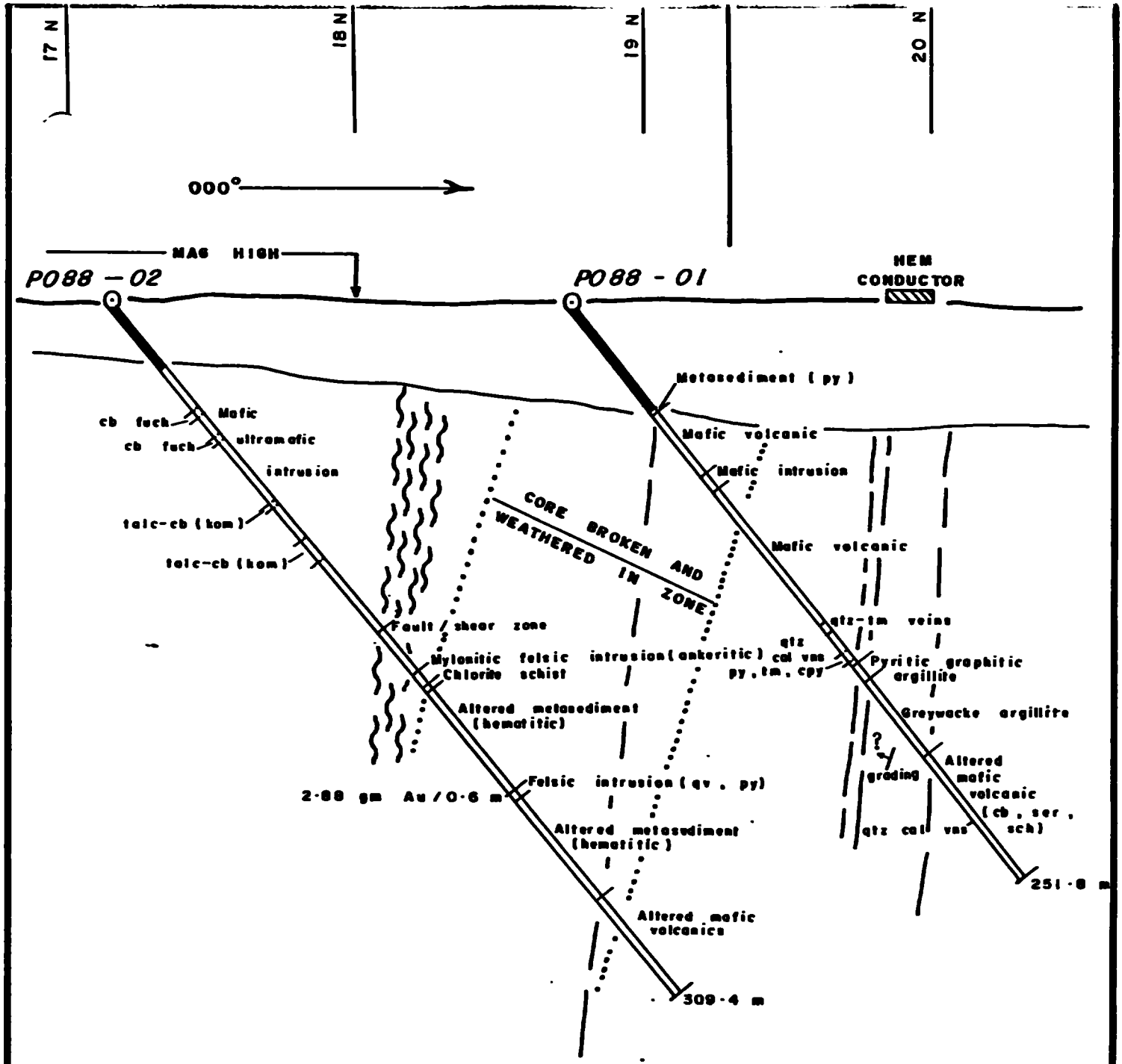
Figure 4

CHEVRON - UMEX JV

CROXALL-KANGAS OPTION
PRICE- Twp.

SECTION
L 16 W

SCALE 1 : 2000	DATA : DVM
DATE : Dec 88	DRAWN : L



BEST ASSAYS

P088 - 01

63·0 - 64·6	90 ppb Au
224·9 - 225·2	250 ppb Au

P088 - 02

219·4 210·4	410 ppb Au
220·4 - 221·0	2880 ppb Au
221·0 - 221·7	360 ppb Au
221·7 - 222·3	420 ppb Au

Figure 5

CHEVRON - UMEX JV

CROXALL - KANGAS OPTION

PRICE Twp.

SECTION

1925 W

SCALE 1 : 2000	DATA : D V M
DATE : Dec 88	DRAWN : L

lapilli tuffs including possible crystal tuff and massive flow. Intense sericite, carbonate and hematite alteration and structural deformation made initial rock type classification extremely difficult and only later thin section study along with lithogeochemical data positively identified the precursors of the altered schists. Biotite-rich domains with accessory chlorite observed in thin section may reflect compositional layering in the tuffaceous units.

Pyrite occurs both as vein/stringer type mineralization within the massive intermediate volcanic and as disseminations to semi-massive seams (beds?) within the overlying(?) tuffaceous units. Minor sphalerite and magnetite was also noted. This sulphidic section is the cause of one of several IP chargeability highs on the property.

The tholeiitic mafic volcanic at the bottom of the hole is strongly carbonatized (both ankerite and calcite) and cut by magnetite, epidote and black tourmaline veinlets. Actinolite, albite and chlorite were observed in thin section. Hematite with associated disseminated pyrite overprints the carbonate alteration assemblage.

Quartz-feldspar porphyry, felsic and mafic dykes along with numerous calcite veins cut the volcanic and volcanoclastic rocks. Some of the felsic dykes display a protomylonitic fabric and contain disseminated magnetite. Sericite replaces plagioclase phenocrysts which often have bent twin planes. Calcite veins both crosscut and run parallel to foliation. Quartz veins are relatively rare but often contain pyrite with traces of galena and chalcopyrite.

Six hundred and fifty meters further north, drill holes PO-88-2 and PO-88-1 cored approximately 150 meters of a strongly magnetic mafic-ultramafic intrusion, 90 meters of highly fractured and hematitic metasediments (PO-88-2), 110 meters of Mg-tholeiitic mafic

volcanic (PO-88-2 and 1), 40 meters of argillite and greywacke including approximately 7 meters of pyritic graphitic argillite and 50 meters of another Mg-tholeiitic basalt (PO-88-1). Felsic dykes intrude the hematitic metasediments and the northern contact zone of the mafic-ultramafic intrusion.

The mafic-ultramafic intrusion is highly variable in colour depending upon the alteration type. Generally the unit is dark grey-green and chloritic with medium green epidote and rare light green weakly fuchsitic carbonatized sections. Very unusual bluish-grey pervasive alteration zones consisting of the sodic amphibole richterite were also noted. Biotitic shear zones to 10 cm were observed. Euhedral sphene is present in a few thin sections. Two zones of talc-magnesite schist, 2.2 and 10.6 meters thick respectively, either komatiitic xenoliths or magnesium-rich layers within the intrusion, are present. Quartz and pink-tinged calcite veins containing minor ankerite, pyrite, richterite, hematite and epidote were noted.

The intrusion is in most part quite massive although its northern contact with metasediments is marked by a 15 meter wide shear zone consisting of interlayered seams of chlorite and calcite with highly variable orientations. An abrupt change in carbonate species from calcite to ankerite occurs 9 meters from the contact. A mylonitic felsic dyke cuts the mafic body 3 meters from the northern contact, suggesting that deformation along the contact postdates felsic dyke intrusion. This dyke is also strongly ankeritic but calcite becomes the dominant carbonate species in the adjacent chlorite schist.

The chemistry of the mafic-ultramafic intrusion is as unusual as its alteration mineral assemblage. It is characterized by a very low

magnesium content (ave. 6.63%) (excepting the talc-magnesite schist) for the accompanying high Cr_2O_3 and Ni contents (ave. 0.48%, 867 ppm respectively). It is also enriched in Na_2O and K_2O (ave. 5.33% and 1.75% respectively) reflecting the occurrence of richterite and biotite. This mineralogy is suggestive of alkali metasomatism.

A similar mafic body is found in the southeastern corner of the property where it cuts intermediate sericite schists and possibly cherty iron formation. Two of its contacts appear fault bounded.

North of the mafic-ultramafic intrusion intersected in PO-88-2 are approximately 90 meters of highly fractured and broken brick-red to reddish-pink core consisting of strongly hematitic argillite and greywacke with 1-2% (locally to 5%) finely disseminated pyrite, minor sericite and calcite. The sediments are intruded by a 3 meter wide ankeritic felsic dyke with 1-2% finely divided pyrite. The dyke is cut by numerous quartz-ankerite veins. Core from the dyke is also fractured and broken indicating the brecciation/fracturing event is quite young.

The above metasediments are in contact with 110 meters of massive to pillowed Mg-tholeiitic basalt flows. These volcanics have also been highly fractured and "weathered" to a brown-grey colour for 10-25 meters from their southern contact. Finely disseminated pyrite, hematite and richterite occur in the "weathered" zone. North of this zone, the volcanic becomes moderately ankeritic with some chlorite, epidote and calcite. Trace leucoxene was also noted. In situ breccia textures are common, especially near the lower contact with pyritic graphitic argillite. A 4 meter wide quartz-calcite-veined zone with 15% vein material and veins up to 60 cm in width occurs immediately adjacent to the sedimentary contact. The veins contain 3-5% pyrite

minor tourmaline, chlorite and trace chalcopyrite. A strongly epidotized and highly fractured 7 meter wide gabbroic intrusion (possibly a diabase), cuts this mafic flow in PO-88-1.

The presence of unusual sodic amphiboles and intense hemitization associated with late fracturing suggests these rocks have undergone alkali metasomatism late in their geological history similar to the fenitization observed near alkaline carbonatite complexes like Callander Bay, Ontario (Ferguson and Currie, 1972). An almost identical alteration assemblage and structural setting has been documented near Noranda, Quebec (Comba et al, 1981).

The pyritic graphitic argillite zone, approximately 7 meters in width, has 5% total sulphide occurring as coarse disseminations and nodules to 1 cm. A 3 meter wide section has 20-25% pyrite. This horizon is the cause of the horizontal loop electromagnetic conductor. These sediments are in contact with approximately 25 meters of fine grained greywacke with minor argillite locally containing 5% disseminated pyrite and minor graphite. Crosscutting carbonate veins have up to 25% pyrite. Some graded bedding suggests uphole (south) tops but the highly contorted and folded nature of the sediments lessens the reliability of the determination.

North of the above fine grained greywackes is another altered mafic volcanic, identical in composition to the other mafic flow intersected in PO-88-1. It is strongly sericitic and foliated, moderately calcitic with some ankerite, epidote, chlorite, pyrite and leucoxene. Amygdules and pillow selvages are present. Some epidote alteration spots are centered on amygdules. The thickness of the flow is in excess of 50 meters; hole PO-88-1 was stopped while still in mafic volcanic material.

The volcanic and sedimentary rocks on the property are transected by several north and northwest trending diabase dykes. The north-south or older set was not exposed in outcrop but its presence is well documented by the ground magnetic survey. At least three dykes are indicated, ranging from 25-75 meters in width. Two dykes display 300-400 meter-long offshoots oriented normal to their general trend. Two offshoots occur at 5N, suggesting the existence of a fault or fracture along which they propagated. The dyke centered along L10W appears to curve into and follow a northeast trending fault for approximately 300 meters until it is cut by the main northwest trending diabase dyke. The three main north-south trending dykes are offset by this younger dyke but the relative offsets are not consistent, as two dykes show dextral while the other has sinistral displacement.

Four northwest trending, strongly magnetic diabase dykes appear to cut all rock types on the property including the north-south diabase set. The main dyke, 20-30 meters in width can be traced across the entire southern half of the property and beyond to the northwest. It is truncated on the east by a north-south fault. Three narrower subparallel dykes are located to the southwest of the main dyke but are traceable for only 300-400 meters in outcrop and by magnetic data.

STRUCTURAL GEOLOGY

At least four distinct ages of structural events have affected the volcanic and sedimentary rocks on the Croxall-Kangas property but most outcrops only document one or two phases of deformation. A rigorous structural analysis was not attempted so the following interpretation is subject to revision.

The initial phase of deformation (D1) is an approximately north-south directed compression indicated by a conjugate set of brittle fractures in cherty iron formation at L6W, 3+10S as well as the development of flattened pebbles and schistosity in conglomerate and mixed fragmental material exposed in Trenches B and D and in outcrop at L5W, 2+50N. This event probably rotated the supracrustal sequence into a subvertical orientation.

The D2 event is the development of the approximately east-west trending Porcupine-Destor Break near the Deloro-Tisdale Supergroup boundary. Horizontal movement along this major shear zone appears sinistral evidenced by assymetrical pull-apart structures in cherty iron formation exposed in a trench at L8W, 4+75S and S-folds in chert-magnetite iron formation at L10W, 2+75S. The "Break" may also have a large high angle reverse component resulting from continued north-south compression. The foliation developed by the D1 event was probably enhanced during D2 deformation. Some quartz veins were deposited during this event.

A subparallel 25 meter wide shear zone, the "Northern Break" was intersected in drill hole PO-88-2, at the contact of a mafic-ultramafic intrusion and metasediments. A felsic dyke within the contact/shear zone has a mylonitic fabric indicating its intrusion predated shear zone development. Narrow shear zones are also locally developed in the adjacent metasediments and metavolcanics. It is not known if the "Northern Break" and the Porcupine-Destor Break are temporally related.

The two-stage compressional D3 event, initially oriented at approximately 120/300 degrees was ductile in nature and responsible for the development of spectacular chevron folding of S1/S2 foliation

in more schistose lithologies and elliptical folding in more competent units such as P2O5-rich mafic dykes and stretched clasts in pebble conglomerate. Some quartz veins have been buckled while others were formed during this event. The mesoscopic folds observed in outcrop mimic the shape of the large amplitude fold suggested by the strike of stratigraphic horizons across the property. A moderate to strong crenulation cleavage aligned parallel to subparallel to the fold axes (10-45 degrees) has developed in most schistose lithologies. The cleavage is refracted where it passes through units with contrasting competency.

The second stage of the D3 deformation was brittle in nature resulting in the development of a conjugate set of faults; a sinistral set oriented at approximately 130 degrees and a dextral set oriented at 060 degrees, subparallel to the above described crenulation cleavage. The northwest-southeast trending set is parallel to previously described diabase dykes which may have invaded these fault planes. Detailed mapping (Figures 2 and 3) of trenches and outcrops revealed numerous small-scale faults and kink bands, the majority of which have orientations and displacements verifying the above interpretation. Larger northwest trending faults are exposed in Trenches B and D while a large northeast trending fault is indicated by the displacement of graphitic schists in the south-central part of the grid. A north trending diabase dyke curves into this fault plane.

The geometry of the conjugate fault set indicates a principal stress oriented at 100/280 degrees, or rotated 20 degrees from the initial D3 stress direction suggested by the above mentioned chevron folding and crenulation cleavage. The similarity of the two stress

directions suggests they are part of the same D3 progressive deformation event.

The D4 event resulted in the formation of the north trending Mattagami River fault zone with associated subparallel structures. One of these structures truncates all lithologies including both sets of diabase dikes on the eastern boundary of the claim block. Regional mapping suggests a sinistral displacement of approximately 10 kilometers along the main Mattagami River Fault.

Another deformation event, possibly related to D4 or even much younger (D5) is suggested by the intense fracturing and hematization of metasediments and metavolcanics in the northern part of the property. Alkali metasomatism is also probably temporally and spatially related to this structural event.

GEOCHEMISTRY

Three distinct types of geochemical sampling programs were carried out on the property during late 1987 and 1988. Each type of survey is described below with results listed in Appendix B. A sample location map can be found in a back pocket of the report.

BEDROCK SAMPLING FOR GOLD

A total of 528 bedrock samples, including 248 of sawn drill core were analysed for gold by Min-En Laboratories of Vancouver. Outcrop samples were analysed by fire-geochemical methods while drill core was fire assayed. Five outcrop samples were analysed at Acme Analytical Laboratories in Vancouver using their 30 element (ICP) plus gold (AA) package and one outcrop sample was sent to Xray Assay Laboratories in Toronto for gold and arsenic analysis using FADCP and FAA methods

respectively. In addition, 20 drill core samples were also analysed for copper and zinc at Min-En.

Most of the outcrop samples were obtained from the new trenches exposed in 1988 using a rock saw to cut 1 meter long channels in the bedrock surface. Where this was impossible due to regalith development as in the southern parts of Trenches C and D, grab samples were collected. Drill core samples were usually 1.0-1.5 meters in length.

Gold values from outcrop grab and channel sampling are generally less than 10 ppb; the highest values being 41 and 63 ppb, both from weakly pyritic cherty iron formation exposed in the south end of Trench B. These values are not considered anomalous for iron formation (Mullen 1988).

The best value from the 1988 drill program was 2.88 gm/tonne over 60 cm from a quartz-ankerite veined zone in a moderately pyritic felsic dyke cored in hole PO-88-2. Other assays from the 3 meter wide dyke are also anomalous in gold, averaging 400 ppb Au. The mylonitic felsic dyke within the shear/contact zone of the mafic-ultramafic intrusion in PO-88-2 also returned two anomalous gold values of 100 and 110 ppb. This pattern continues in hole PO-88-3 where a 5 meter wide felsic dyke returned three anomalous assays of 110, 120 and 250 ppb Au. A 1.5 meter section of mafic volcanic cut by two 10-20 cm wide quartz porphyritic felsic dykes also in hole PO-88-3 assayed 250 ppb Au. The above relationship suggests these felsic dykes are favourable gold exploration targets in this geological environment.

The pyrite-rich intermediate ash-lapilli tuffs and volcanics in PO-88-3 returned seven anomalous gold values of greater than 100 ppb (up to 370 ppb Au/1.0m) but there does not appear to be a positive correlation between sulphide and gold content. The two highest values

of 370 and 210 ppb occur in a sulphide poor zone. This zone however is characterized by a colour change from brick-red to yellow-grey accompanied by a change in carbonate species from strong pervasive calcite to moderate pervasive ankerite. The zone also contains a 5 cm wide "siliceous exhalite band" or weakly banded quartz vein.

The above sulphide-rich units have generally low base metal contents although two anomalous (>1000 ppm) zinc values were returned. The pyritic intermediate ash-lapilli tuffs have significantly higher copper (ave. 300 ppm vs 140 ppm) and zinc (ave. 435 ppm vs 180 ppm) compared to the adjacent pyritic intermediate volcanic. The sulphides in the tuffs occur as seams and possible beds (ie sedimentary-exhalitive units) while the sulphides in the volcanic occur as stringers and veins. This difference in host rock morphology may account for the disparity in the absolute base metal tenor as the Cu/Zn ratio stays relatively constant (2.1 vs 2.4) suggesting a common source for the base metals.

Other anomalous gold values occur in a 10 cm wide quartz-calcite vein in mafic volcanic in PO-88-1 (250 ppb/30cm), a calcite veined zone in mafic-ultramafic intrusion in PO-88-2 (160 ppb/1.0m) and a strongly ankeritic zone in mafic volcanic cut by magnetite veinlets and tourmaline in PO-88-3 (150 ppb/1.0m).

The two ankerite-fuchsite zones within the mafic-ultramafic intrusion in PO-88-2 are cut by numerous anastomosing quartz-ankerite veinlets with trace pyrite but returned only one weakly anomalous gold assay of 40 ppb over 1.0 meter.

LITHOGEOCHEMICAL SAMPLING

Twenty-two samples, including ten from drill core were sent to Xray Assay Laboratories in Toronto for whole rock analysis to aid in rock type identification and alteration intensity. Classification of the analysed rocks is tabled below.

Table 1:Whole Rock Sampling

Rock Type	Sample Numbers
Quartz Bubble Schist	A98554, 557, 563
Calc-alkalic Intermed Schist/Volc	A98559, 561, 562, 864-866
P2O5-rich Dykes	A98556, 558
Mafic-Ultramafic Intrusion	A98861, 862, (860?)
Fuchsitic Quartz-Carbonate Vein	A98560
Komatiitic Volcanics/Schists	A98555, 564, 860
Mg-Tholeiitic Basalt (Type 1)	A98553
Mg-Tholeiitic Basalt (Type 2)	A98857, 858, 859, 863

The chemistry of most of these units have been previously discussed under Property Geology. The subdivision of the Mg-tholeiitic basalts is based upon Fe2O3, TiO2, Zr and Nb contents. Type 1 basalt has significantly higher contents of these components.

The chemistry of the intermediate tuffs and volcanics associated with the pyrite mineralization intersected in hole PO-88-3 is calc-alkalic based on their Zr and Y contents. Rocks with this chemistry are not associated with base metal deposits in the Porcupine District. The base metal mines at Kidd Creek and Kamiskotia are associated with felsic rocks of tholeiitic affinity (Campbell et al, 1983). Also, there is no indication of Na2O or Sr depletion or Mg enrichment associated with the stringer sulphide mineralization cored in PO-88-3. In fact, there may have been extensive sodium metasomatism to these horizons although this alteration could overprint hydrothermally altered sodium-depleted rocks. A similar process has been documented from the Noranda area (Comba et al, 1981).

SOIL GEOCHEMISTRY

During October 1987 and July 1988, 1158 soil samples were collected from the southern part of the Price Township property and analysed at Acme Analytical Laboratories of Vancouver using their 30 element (ICP) plus Au (AA) method. Swampy parts of the grid were not sampled. Results for selected elements (Au, As, Cu, Zn and Ca) have been plotted at 1:5000 scale and contoured using Umex's Toronto office computer system. All results (30 elements plus Au) and contour maps of the five above elements are appended. It should be noted that raw data was contoured and no statistical analysis was done to determine background and anomaly threshold levels for the elements analysed.

There is an excellent correlation between overburden type and base metal geochemistry. The majority of higher copper and to a lesser extent zinc values are confined to the northeast corner of the grid and show a strong correlation with calcium suggesting they are contained in calcareous till. Higher levels of all three elements also occur in narrow valleys that cut through the aeolian sand dunes. The dunes are very low in base metals and calcium reflecting their quartz rich nature. The backhoe trenching revealed till horizons under sandy soil away from the dunes so some isolated highs may indicate a thin or absent sand cover such as in the southeast corner of the grid.

Except along the narrow valley near 2S from L2W to L5W, gold shows no correlation with base metals or calcium and as a consequence, the suspected calcareous till. Also, the aeolian dunes have very low gold contents. The higher gold values are found along a 600 meter long diagonal line trending northwest across the center of the grid, south of the baseline. Although the diagonal trend parallels faults in that part of the property, sampling of bedrock in trenches dug across the

zone failed to locate anomalous gold values even though several of these faults were exposed. The 300 meter long east-west zone of higher gold values in the south-central part of the grid seems to correlate with iron formation. Weakly sulphidic portions of the iron formation returned the only gold values greater than 20 ppb. The higher gold values located between L19W and L21W at approximately 6S lie along the interpreted westward continuation of the above iron formation.

The roughly east-west trending 700 meter long zone from L2W to L9W at approximately 2S directly correlates with the northern band of iron formation. Sampling of sulphidic portions of this horizon in Trench A failed to return any encouraging gold assays. The trace of this iron formation west of the main northeast trending fault is flanked by higher gold values for approximately 600 meters from L9W, BLO to L15W, 1S. An attempt was made to trench across this zone but the overburden depth was in excess of five meters and groundwater infiltration created quicksand conditions.

A weak trend of higher gold occurs in the northwest corner of the southern grid from L13W, 7N intermittently along to L25W, 5N. A large swampy area prevented complete sampling coverage. This zone roughly flanks the southern margin of a magnetic high corresponding to type 1 Mg-tholeiitic basalt and also to a zone of IP chargeability highs.

Other gold highs are generally isolated and cannot be correlated with any significant geological feature.

Higher arsenic values are not as abundant but are usually found directly with or immediately adjacent to gold highs. The other pathfinder elements B, Bi, Sb and W were not plotted because few values were above the detection limit of the analytical procedure.

Other base metal elements such as Pb, Ni and Co were not plotted as they have little applicability to this gold exploration program.

David V. Mullen
Consulting Geologist

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UMEX INC
DRILL RECORD

PROJECT : CHEVRON-UMEX J.V Hole No.: PO-88-1 Local Coord. : L 19+25W, 18+75N Started : SEPT 13, 1988 Drilled By : DOMINIK

ANOMALY: PRICE TWP. Bearing : 000° Depth : 251.8 m Completed: SEPT 18, 1988 Described By: DAVE MULLEN SEPT 1988

CLAIM : P-889262 (95m) P-889261 (156.8m) Dip : -50° Core Diameter: BQ Machine : INSPIRATION 3

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Meters	Magnetic Susceptibility Reading
	45.1		OVERBURDEN (CASING TO 46m, pulled)									45	0.4
												46	3.2
45.1	46.5		PYRITIC METASEDIMENT									47	3.1
			- grey brown argillite with 10% - 15% pyrite in bands 1-2 cm wide			A7151	45.1 - 46.5	1.4m	0.01			48	1.7
			- moderately to weakly calcitic									49	1.8
			- banding / foliation at 50° to core axis									50	3.3
			- pink tinged, weakly hematitic									51	1.4
			- sulphide bands composed of fine disseminations and cubes of pyrite									52	1.2
												53	1.8
			- minor magnetite									54	1.5
			- core badly broken									55	1.9
									- -			56	2.5
75.4			MAFIC VOLCANIC (?)									57	2.2
			- greenish - grey to brownish - grey									58	1.9
			- fine grained, initially fine granular texture			A7152	46.5 - 48.0	1.5m	0.01			59	1.9
			- core is badly broken, vuggy, weathered									60	0.6
			- cut by numerous calcite veinlets			A7153	48.0 - 49.5	1.5m	0.01			61	2.1
			- some short weakly bleached sections, epidotized									62	1.3
			- some calcite veins pink tinged, hematitic			A7154	49.5 - 51.0	1.5m	0.01			63	0.2
			- with 1-2% scattered pyrite cubes to									64	1.3

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptability Meter	Magnetic Susceptability Reading
			2mm, locally to 5% over 5cm										
			- weakly to moderately foliated at 50° to core ax									65	1.3
			- brownish sections flecked with magnetite									66	1.8
			- weakly to moderately magnetic									67	0.1
			- granular texture due to carbonate			A7155	51.0-52.5	1.5m	0.02			68	0.1
			- 52-57 short sections of "alteration breccia" in zone consisting of bluish-grey siliceous "veining", blue mineral possibly zoisite or richterite* BLUE MINERAL IS RICHTERITE NaCa amphibole									69	1.0
						A7156	52.5-54.0	1.5m	0.01			70	0.3
						PO-1 [redacted]	54.6m (Thin Section)					71	0.2
												72	0.1
			- 58.9-59.2 calcite veined zone			A7157	60.0-61.5	1.5m	0.01			73	1.1
			62-72 darker green, more chloritic, still with 1% disseminated pyrite			A7158	61.5-63.0	1.5m	0.01			74	0.3
						A7159	63.0-64.6	1.6m	0.09			75	0.5
			- chloritic section only weakly magnetic			A7160	64.6-66.0	1.4m	0.01			76	0.5
			66-69 - extremely weathered pitted core with 1-2% finely disseminated pyrite			A7161	66.0-67.5	1.5m	0.02			77	0.8
						A7162	67.5-69.0	1.5m	0.04			78	0.2
			- after 72m, medium grey-green, less chloritic weakly to moderately bleached, epidote-zoisite			A7163	69.0-70.5	1.5m	0.01			79	0.5
						A7164	70.5-72.0	1.5m	0.01			80	0.1
			- 72.5-73.2 strongly foliated zone (shear) at 20° to core axis, with 2-3% pyrite and quartz-calcite veining			A7165	72.0-73.5	1.5m	0.01			81	0.1
												82	0.1
												83	0.4
												84	0.3
75.4	82.0		MAFIC INTRUSION									85	1.1
			- medium green, medium grained in center									86	1.2
			- gabbroic (not a diabase)									87	0.1
			- core badly broken, ground									88	2.0
			- contacts are just approximations, arbitrary									89	0.7
			- epidotized, weakly - moderately calcitic									90	2.0

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Metreage	Magnetic Susceptibility Reading
			-margins of intrusion darker grey in colour									91	1.0
			-some hematite staining									92	0.9
82.0	159.6		MAFIC VOLCANIC									93	0.9
			-core badly broken, weathered to 95 m									94	1.5
			-medium green to 88.5, then blue-grey									95	1.7
			-initially strongly epidotized, some ankerite									96	0.1
			-in situ breccia of darker green mafic "fragments" surrounded by an interlocking network of epidote stringers, some calcite veinlets, often pink tinged									97	0.3
												98	0.6
												99	0.6
												100	0.6
			-epidote alteration may be related to proximity to mafic intrusion									101	1.1
												102	0.6
			-83.7-84.7 granular mafic dyke(?)									103	2.2
			-increase in sulphide content from 80.5, 1% disseminated cubes to 1mm									104	0.9
			-88.5-96 mafic volcanic bluish-grey in colour, weakly to moderately ankeritic									105	0.1
												106	0.0
												107	0.0
			-hematitic seams/bands at 91.4-93.0, 95.2-95.4			A71166	91.3-92.8	1.5m	0.01			108	0.0
			-foliated at 55° to core axis									109	0.1
			-some calcite veinlets, 1-2% pyrite									110	0.0
			-downhole from 95 m core is fairly competent									111	0.0
			-from 96m - ankeritic mafic volcanic in situ brecciated with matrix of epidote-calcite, trace to minor disseminated pyrite, moderate to strong pervasive calcite alteration									112	0.1
												113	0.1
												114	0.1
												115	0.4
			-possibly pillowed									116	0.1

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au			Magnetic Susceptibility Metres	Magnetic Susceptibility Reading
			-moderately foliated at 45°-50° to core axis										
			101-102 3-5% finely disseminated pyrite in pink tinged hematite zone			A7167	101.0-102.0	1.0m	0.01				
			105.5-109.2 increase in foliation intensity accompanied by decrease in ankerite alteration										
			-strongly foliated at 70°-80° to core axis										
			-possible shear zone										
			-foliation is in part kinked, crenulated										
			-<1% disseminated pyrite			A7168	106.7-107.7	1.0m	0.02				
			-lighter buff grey in colour, strongly calcitic, moderately sericitic, some chlorite										
			-107.7-108- granular intermediate-felsic dyke with 5% very fine disseminated pyrite, contacts			A7169	107.7-108.0	0.3m	0.02				
			marked by narrow quartz-calcite veins, upper			A7170	108.0-109.0	1.0m	0.01				
			contact at 10° lower at 60° to core axis										
			-5% pyrite over 10cm at 109.2										
			-109.2- rather abrupt change from strongly foliated grey-green mafic to more uniform moderately foliated "massive" light grey-buff fine grained mafic volcanic						--				
			-foliation at 60° to core axis										
			-possible flow contact (?) at 109.2										
			-mafic is moderately calcitic, weakly to moderately ankeritic, moderately sericitic and contains trace disseminated pyrite										
			-115.7-116.5- strongly foliated "shear" zone at 65° to core axis										

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au			Magnetic Susceptibility Meterage	Magnetic Susceptibility Reading
			117.7 - 118.8 - in situ brecciated mafic with angular moderately ankeritic "fragments" cut by numerous calcite - sericite (?) veinlets, ie an "alteration breccia"									117	0.3
												118	0.1
												119	0.1
			- 120 - 122 - section with a few very fine dendritic grey fractures, possibly pyrobusite									120	0.2
												121	0.9
			- 120.8 - 120.9 - narrow pyrite bands in section			A7171	120.7 - 121.0	0.3m	0.01			122	0.5
			- 122.9 - narrow quartz vein oriented parallel to foliation offset by quartz vein cutting foliation									123	0.4
												124	0.1
			- 123 - 124 increase in foliation									125	0.4
			near 125 - trace pyrrhotite, also foliation fabric is weakly folded									126	0.0
												127	0.3
			- 125.5 - 129 mafic weakly to moderately granular, slightly coarser than previously									128	0.3
												129	0.0
			- 128.75 - 5cm wide quartz - calcite vein, trace pyrite			A7172	128.6 - 128.9	0.3m	0.01			130	0.1
			129 - 135 mafic fine grained and slightly greener in colour, also increase in ankerite alteration, foliated at 45° to core axis									131	0.0
												132	0.1
												133	0.1
			- both pervasive ankerite - calcite plus calcite veinlets, some calcite veinlets stretched out parallel to foliation while others are not deformed									134	0.1
												135	0.0
												136	0.1
												137	0.1
			- mafic possibly pillowed									138	0.1
			- trace fine pyrite especially along fractures									139	0.3
			- some narrow calcite veins with granular dark grey mineral, possible tourmaline (?)									140	0.2
												141	0.1
												142	0.1

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Hetenye	Magnetic Susceptibility Reading
			135 - less foliated buff grey weakly granular mafic volcanic, still some calcite-ankerite			A98858	133 - 134	3m	(Whole Rock)				
			-138.69 thin sphalerite band in narrow calcite vein			A7173	141.4 - 142.4	1.0m	0.01				
			-mafic becoming slightly darker grey from 139m										
			* -142.45 - 142.6 - quartz - calcite - tourmaline vein with 5% pyrite, tourmaline is highly fractured and injected by calcite, pyrite occurs along both vein margins while calcite - tourmaline occurs on downhole side of vein, 1% clots/cubes pyrite immediately adjacent to vein in ankeritic mafic volcanic, vein appears banded at 35° to core axis			A7174	142.4 - 142.7	0.3m	0.01			143	0.3
						A7175	142.7 - 143.7	1.0m	0.01			144	0.1
												145	0.3
						A7176	143.7 - 145.0	1.3m	0.01			146	0.1
			- some broken core near 144.6										
			- after 144.6 - increase in foliation and sericite alteration, moderately to strongly foliated at 55° to core axis			A7177	145.0 - 146.3	1.3m	0.01			147	0.1
			- volcanic probably pillowed, weak in situ brecciation									148	0.1
			- darker buff grey in colour than previously with some dark grey fractures "grey zone" strongly calcitic, only weakly ankeritic, - trace leucoxenes			A7178	146.3 - 147.3	1.0m	0.01			149	0.1
			* -147.45 - 2cm wide quartz vein at 45° to core axis with minor calcite, tourmaline, pyrite and			A7179	147.3 - 147.6	0.3m	0.01				
						A7180	147.6 - 148.6	1.0m	0.01			150	0.1

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Meterage	Magnetic Susceptibility Reading
			trace sphalerite, weakly banded										
			-149.5 - 150. very fine grained silicified									151	0.1
			mafic or possible siliceous dyke									152	0.1
			- from 151 - mafic becoming darker grey									153	0.1
			with increase in in situ brecciation with									154	0.1
			graphitic fractures, also increase in foliation									155	0.0
			intensity, foliated at 50°-60° to core axis			A7181	153.2-154.2	1.0m	0.01			156	0.1
			- minor scattered pyrite cubes to 3mm									157	0.1
			* - 154.2 - 158.3 - quartz - calcite veined zone			A7182	154.2-154.8	0.6m	0.01			158	0.1
			in strongly foliated in situ brecciated									159	0.3
			mafic, abundant broken and ground core			A7183	154.8-155.4	0.6m	0.02			160	0.3
			veins at 154.37-154.5, 154.62-154.65, 154.8-155.4,									161	0.0
			156.4-156.5, 156.7-156.8, 157.63-157.66, 157.88-			A7184	155.4-156.0	0.6m	0.01			162	0.0
			157.93 158.1-158.3, most veins with									163	0.0
			3-5% pyrite along margins along with			A7185	156.0-157.0	1.0m	0.01			164	0.0
			minor chlorite, tourmaline, trace chalcopyrite									165	0.0
			- some calcite is pink tinged, hematitic			A7186	157.0-157.9	0.9m	0.01			166	0.1
			- in situ breccia "fragments" quite elongated						--			167	0.0
			parallel to foliation, fragments with buff			A7187	157.9-158.3	0.4m	0.02			168	0.0
			colored leucocenes									169	0.0
			- weak development of crenulation cleavage			A7188	158.3-159.6	1.3m	0.01			170	0.0
			almost normal to foliation towards lower contact									171	0.0
												172	0.0
96	166.8		PYRITIC GRAPHITIC ARGILLITE / GRAPHITE									173	0.0
			- some short broken core sections									174	0.0
			- interlayered graphite and moderately pyrite			A7189	159.6-160.4	0.8m	0.01			175	0.0

HOLE No.: PO-88-1

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptability Meter Reading
			graphitic argillite									
			-main graphite bands at 159.6-159.8 162.5-166.8			A7190	160.4-161.9	1.5m	0.01			
			-graphite is highly contorted, folded with thin									
			seams of very fine grained pyrite, minor calcite			A7191	161.9-162.5	0.6m	0.05			
			5% total sulphide, weak crenulation cleavage									
			-graphitic argillite from 159.8-162.5 with			A7192	162.5-164.0	1.5m	0.01			
			20%-25% pyrite occurs as coarse									
			disseminations and nodules to 1cm			A7193	164.0-165.5	1.5m	0.01			
			-again highly contorted, cut by a few									
			irregular quartz-calcite veins			A7194	165.5-166.8	1.3m	0.01			
			-bedding often subparallel to core axis									
68	199.5		GREYWACKE / ARGILLITE									
			-medium grey, fine to medium grained									
			-well banded / bedded / foliated at 60° to core axis			A7195	166.8-167.8	1.0m	0.01			
			-weakly calcitic, ankeritic									
			-some sericite, trace pyrite									
			-some broken core at 168-168.5									
			-predominantly fine grained greywacke, minor									
			argillite									
			-some folding evident along with minor faulting									
			-cut by a few calcite veinlets									
			-possible graded bedding suggests uphole tops (?)									
			* -175-184.1 - yellowy-grey sericitised greywacke			A7196	175.0-176.0	1.0m	0.01			
			with 1-2% very finely disseminated pyrite									
			locally up to 5%, some graphitic material			A7197	176.0-177.5	1.5m	0.03			

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au			Magnetic Susceptibility Metres	Magnetic Susceptibility Readings
			at 175.1 - 175.2									176	0.1
			- cut by quartz-calcite veins at 174.98 - 177.23,			A7198	177.5 - 179.0	1.5m	0.01			177	0.0
			178.28 - 178.36, 179.2, 179.75 - 180.8									178	0.0
			- 178.38 - trace fuchsite (?)			A7199	179.0 - 180.5	1.5m	0.01			179	0.1
			- after 184.1 - predominantly fine grained dark									180	0.0
			grey strongly foliated, highly folded, contorted			A7200	180.5 - 182.0	1.5m	0.01			181	0.1
			argillite with minor graphitic argillite at									182	0.0
			184.7 - 185.0			A7201	182.0 - 183.5	1.5m	0.01			183	0.0
			- bedding / foliation highly variable									184	0.1
			- well developed crenulation cleavage			A7202	183.5 - 185.0	1.5m	0.01			185	0.1
			- strong to intense calcite alteration, & as									186	0.1
			seams parallel to and crosscutting bedding			A7203	185.0 - 186.5	1.5m	0.01			187	0.0
			- weak to moderate sericite									188	0.0
			- generally 1-2% pyrite, locally up to 25%			A7204	186.5 - 188.0	1.5m	0.01			189	0.0
			in crosscutting carbonate veins			A7205	188.0 - 189.5	1.5m	0.01			190	0.0
			- 191.2 - 191.6 - broken core			A7206	189.5 - 191.0	1.5m	0.02			191	0.1
			- quartz-calcite veins at 193.42 - 193.47, 195.05 - 195.13			A7207	191.0 - 192.5	1.5m	0.01			192	0.0
			- near 197 - bedding at 30° to core axis			A7208	192.5 - 194.0	1.5m	0.01			193	0.1
						A7209	194.0 - 195.5	1.5m	0.01			194	0.0
9.5	251.8		CARBONATE - SERICITE SCHIST (ALTERED MAFIC VOLCANIC)									195	0.0
			- dark buff grey in colour									196	0.0
			- intense sericite alteration with pervasive calcite,									197	0.1
			some ankerite									198	0.0
			- initially strongly foliated at 45°-50° to core									199	0.0
			axis, appears almost like bedding									200	0.0
			- <1% scattered pyrite cubes to 3mm										

HOLE No.: PO-88-1

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au	Magnetic Susceptibility Meters	Magnetic Susceptibility Reading
			- this unit could be a komatiitic basalt/flow								
			even an intensely altered sediment (??)								
			* 200.8 - 207.7 quartz-calcite veined zone			A7210	200.5 - 201.5	1.0m	0.01	201	0.0
			with 15% vein material, calcite is iron-rich			A7211	201.5 - 202.5	1.0m	0.01	202	0.0
			- main veins at 200.8 - 200.85, 201.8 - 201.9,			A7212	202.5 - 203.0	0.5m	0.03	203	0.0
			202.6 - 202.75, 204.3 - 204.8, 205.35 - 205.55, 206.8 -			A7213	203.0 - 204.5	1.5m	0.02	204	0.0
			206.9, 207.45 - 207.7 veins are almost			A7214	204.5 - 205.1	0.6m	0.01	205	0.0
			devoid of sulphide but schist adjacent			A7215	205.1 - 206.0	0.9m	0.01	206	0.0
			to veins with approximately 1% very finely			A7216	206.0 - 207.0	1.0m	0.01	207	0.0
			disseminated pyrite			A7217	207.0 - 207.5	0.5m	0.01	208	0.0
			- 213.2 rounded 1-2mm calcite lenticles			A7218	207.5 - 208.9	1.0m	0.02	209	0.1
			- 216.05 - 216.15 very fine grained banded			A7219	208.9 - 210.3	1.5m	0.01	210	0.1
			"mylonite" zone at 50° to core axis							211	0.1
			- gradational contact near 218m into							212	0.1
			darker green, fine grained leucocene-bearing							213	0.1
			mafic volcanic, weakly chloritic, strong							214	0.0
			pervasive calcite alteration							215	0.0
			- leucocenes are buff coloured and stretched							216	0.0
			out parallel to foliation at 55° to core axis							217	0.0
			- quartz-calcite veins with no sulphide and							218	0.0
			chlorite margins at 220.7 - 220.9 222.2 - 222.3							219	0.0
			- quartz-calcite vein with trace chalcopyrite at			A7220	220.65 - 220.95	0.3m	0.02	220	0.1
			225.1 - 225.2			A7221	222.1 - 222.6	0.5m	0.01	221	0.1
			- leucocenes not evident further downhole			A7222	224.9 - 225.2	0.3m	0.25	222	0.1
			* - 233.3 - 235.1 - quartz-calcite veined zone							223	0.1
			with 15% vein material, evidence of			A7223	233.3 - 234.2	0.9m	0.01	224	0.0
			"crack-seal" fracturing history, main veins			A7224	234.2 - 235.1	0.9m	0.08	225	0.1
										226	0.1

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au			Magnetic Susceptibility Meter	Magnetic Susceptibility Reading
			at 234.1-234.15, 234.35-234.4 234.5-234.55, 235.0-235.1, trace to minor (≤1%) pyrite in and adjacent to veins										
			- after 238m: darker green, calcite ± chlorite alteration gives way to lighter green epidote-zoisite(?) alteration with weak to moderate calcite, moderate ankerite			A98837	237-240	3m	(Whole Rock)				
			- possibly pillowed and amygdaloidal										
			- still strongly foliated at 70° to core axis										
			- some amygdules are highly deformed with aspect ratios of 5:1										
			- trace to minor disseminated pyrite										
			- some epidote (zoisite) lenses are also elongated, possible elongated epidote alteration spots originally centered on amygdules										
			- 240.0-241.5: several 5cm wide irregular quartz-calcite veins in zone, trace to minor pyrite			A7225	240.0-241.5	1.5m	0.08				
			- 246.9-247.5: irregular quartz-calcite veined zone trace pyrite, some sericite next to veins			A7226	246.9-247.5	0.6m	0.02				
			- moderately calcitic-ankeritic at end of hole										
	251.8		END OF HOLE [signature] SEPT 26/88										

ENERGY-SUN TESTS	Depth	Azimuth (corrected)	Dip
	107.0m	000°	-48°
	235.0m	003°	-45°

ACID TESTS	Depth	Dip (corrected)
	51.8m	-48°
	129.8m	-48°
	173.6m	-45°

UMEX INC
DRILL RECORD

PROJECT: CHEVRON-UMEX J.V. Hole No.: PO-88-2 Local Coord.: L19+25W, 17+15N Started: SEPT. 18, 1988 Drilled By: DOMINIK

ANOMALY: PRICE TWP Bearing: 000° Depth: 309.4 m Completed: SEPT. 26, 1988 Described By: DAVE MULLEN SEPT 1988

CLAIM: P-889262 Dip: -50° Core Diameter: BQ Machine: INSPIRATION 3

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Meterex	Magnetic Susceptibility Reading
0	27.75		CASING										
												28	5.2
27.75	148.6		MAFIC - ULTRAMAFIC INTRUSION (?)									29	4.2
			- dark grey-green to bluish-grey,									30	8.3
			- fine grained, fairly massive									31	6.7
			- strongly magnetic									32	6.5
			- chloritic, weakly talcose									33	8.3
			- moderate pervasive calcite alteration in lighter									34	5.5
			blue-grey patches									35	7.6
			- trace disseminated pyrite									36	4.9
			- 33.5 - 37.5 - unit cut by calcite veins with			PO-2	37.3 (This Section)					37	1.7
			bluish margins running subparallel to core			[redacted]						38	1.6
			axis, trace galena possibly specularite									39	2.3
			- increase in fine disseminated pyrite in above zone									40	4.3
			- 40.44 - section with numerous interconnected									41	2.9
			calcite fractures, both blue and pink tinged									42	2.5
			trace biotite, strong pervasive calcite alteration									43	0.4
			- after 44m - unit becoming lighter grey			A7227	43.5 - 44.5	1.0m	0.01			44	4.1
			with 1% very finely disseminated pyrite			A7228	44.5 - 45.5	1.0m	0.03			45	4.0
			* - 45.5 - 47.5 strongly ankeritic light green			A7229	45.5 - 46.5	1.0m	0.01			46	1.4
			epidotized (?) zone, possible trace fuchsite, cut			A7230	46.5 - 47.5	1.0m	0.04			47	1.0
			by irregular quartz veins, fractures, trace			A7231	47.5 - 48.5	1.0m	0.01			48 49	7.8 10.2

HOLE No.: PO-88-2

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au			Magnetic Susceptibility	Mag. Reading
			pyrite, some hematite in quartz veins									50	10.6
			2cm pink quartz-white ankerite veins at 48.45, 45.8			PO-3	45.8 (Thin Section)					51	3.9
			- some shearing evident in above altered			A7232	49.5 - 49.5	1.0m	0.16			52	10.6
			zone at 80° to core axis at 46.1-46.2, 47.24-47.27			A7233	49.5 - 51.0	1.5m	0.02			53	2.8
			- 47.5 - 54.5 unit again becomes medium grey			A7234	51.0 - 52.5	1.5m	0.01			54	4.6
			with pervasive calcite alteration, cut by a			A7235	52.5 - 53.5	1.0m	0.01			55	9.6
			few ankerite veins and several pink toned			A7236	53.5 - 54.5	1.0m	0.01			56	0.3
			hematitic calcite veins									57	3.3
			- calcite veinlets appear to be curviplanar or			PO-4	47.0 (Thin Section)					58	8.4
			folded, en echelon in form									59	0.2
			- some brownish biotite alteration especially									60	0.3
			in section 50-54 m									61	5.5
			* 54.5 - 55.7 - light green, bleached (epidotized)			A7237	54.5 - 55.7	1.2m	0.02			62	8.4
			strongly ankeritic zone cut by numerous									63	0.7
			anastomosing quartz-ankerite veinlets, trace									64	3.3
			pyrite, weak pervasive calcite alteration									65	1.4
			55.7 - 56.0 - strongly foliated shear/fault zone			A7238	55.7 - 56.0	0.3m	0.01			66	1.8
			containing "clasts" of ankeritic ultramafic, re:									67	2.3
			evidence of cataclasis, strongly biotitic,									68	5.1
			foliated at 70° to core axis									69	7.4
			56-57 - dark grey fine grained strongly magnetic			A7239	56.0 - 57.0	1.0m	0.01			70	0.7
			unit with both pink and blue toned calcite									71	0.2
			veinlets									72	4.5
			- 57 - 69m - fine grained mafic - ultramafic, medium									73	0.2
			to dark green in colour, relatively massive,									74	0.3
			uniform, cut by magnetite fractures some									75	0.6
			biotite in moderately foliated zone at 60°-70°									76	0.1
												77	0.7

HOLE No.: PO-88-2

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au	Magnetic Susceptibility Meter	Density Reading
			to core axis, moderate to strong pervasive calcite alteration, some pink hematitic calcite veinlets							78	0.1
			-63.3-63.7- narrow bleached zone							79	0.7
			-69-70 - blue-grey zone							80	3.3
			-70-80 - greenish (epidotized ?) massive							81	1.2
			mafic/ultramafic cut by several pink							82	0.2
			quartz-calcite-hematite (?) - richterite veining			PO-5	71.7	(Thin Section)		83	2.7
			richterite is a fibrous blue mineral, veining							84	0.4
			post-dates greenish alteration			A98862	72-75	3m (Whole Rock)		85	1.3
			-80-87.8 dark bluish-grey ultramafic weakly							86	0.7
			to moderately magnetic, moderately to strongly							87	1.3
			chloritic, cut by white to blue-white calcite							88	6.7
			veinlets							89	6.6
			-87.8-90.0 - talc-carbonate rock, dark grey							90	7.4
			granular, talcose, with magnetite and							91	9.7
			calcite veinlets, thicker veinlets contain pink							92	7.4
			tinged calcite, trace to minor fine disseminated							93	8.1
			pyrite							94	5.3
			-90-91.5 - ultramafic dark green in colour							95	0.3
			-91.5-96.5 - unit mod dark grey with bluish tinge							96	0.1
			moderately foliated at 50° to core axis							97	0.2
			-some richterite, possible bluish richterite fractures							98	0.9
			-possibly some serpentine slips'			A98814	92-95	3m (Whole Rock)		99	6.5
			-96.5-98.5- intense blue-grey alteration, moderately							100	6.5
			foliated at 60° to core axis							101	1.8
			-98.5-104.6 - chlorite schist, dark grey-green			PO-6	97.4	(Thin Section		102	1.8
										103	5.3
										104	4.6
										105	7.6

HOLE No.: PO-88-2
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Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Reading
			- some short broken core sections especially 103·4-104·3									106 7·8
			102-103 - strongly biotitic with wispy									107 8·5
			fibrous blue [redacted] richterite (Na-Ca amphibole)									108 6·6
			- 104·6-115·2 · talc-carbonate rock, light to									109 5·6
			medium grey, strongly talcose, cut by			A98610	109-112	3m (Whole Rock)				110 6·1
			numerous magnetite fractures, some calcite									111 6·2
			- minor talc in veinlets, trace pyrite									112 5·6
			- 115·2-116·1 · massive dark green unit, dyke ??									113 2·8
			- 116·1-135·4 variably altered mafic-ultramafic									114 5·9
			dark grey, dark green, blue-grey									115 6·4
			chloritic, some talc, epidote(?) [redacted] richterite									116 6·1
			trace to minor biotite, weakly to moderately									117 6·1
			calcitic, trace pyrite									118 6·1
			- [redacted] richterite (blue mineral) occurs as both									119 6·2
			fracture fillings and pervasive alteration									120 2·9
			- dark green in section 125·8-128·6, 129·6-131·8,									121 4·4
			- strongly foliated, biotitic shear zone at									122 6·8
			65° to core axis from 134·5-134·6									123 6·1
			- 135·4-139·1 · massive, dark green mafic/ultramafic									124 6·6
			- 139·1-139·3 · narrow biotitic shear zone			A7240	139·7-140·2	0·5m	0·02			125 6·1
			- 139·3-140·2 · intense blue alteration in dark									126 6·7
			grey mafic with 2% finely disseminated pyrite									127 2·9
			- some short sections of broken core									128 4·5
			- 145-148·6 fairly massive uniform dark grey-blue									129 2·8
			mafic-ultramafic intrusion									130 6·7
												131 6·5
												132 6·8
												133 3·4

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Meters	Reading
148.6	166.3		FAULT / SHEAR ZONE									134	0.9
			- same rock type as before ie mafic -									135	5.7
			ultramafic intrusion									136	1.1
			- intensely foliated at 20°-40° to core axis									137	6.4
			but variable									138	2.1
			- initially talcose, increasingly chloritic									139	0.5
			downhole, some biotite, calcite									140	1.3
			- some broken core, minor fault gouge (clay)									141	6.7
			- cut by numerous pink hematitic to white									142	4.3
			calcite veins but little pervasive calcite									143	4.6
			- some veins are folded									144	3.6
			- 152 - 30 cm ground core									145	3.9
			- 152 - 152.5 - strong ~~[illegible]~~ richterite (?) alteration									146	0.5
			- evidence of two foliations									147	1.2
			- trace to minor finely disseminated pyrite			A7241	158.8 - 160.3	1.5m	0.01			148	2.9
			* - 160 m - fairly abrupt change in carbonate			A7242	160.3 - 161.8	1.5m	0.01			149	4.2
			species from predominantly calcite to mostly			A7243	161.8 - 163.3	1.5m	0.05			150	1.5
			ankerite			A7244	163.3 - 164.8	1.5m	0.02			151	1.1
			- chlorite - carbonate schist cut by quartz -			A7245	164.8 - 166.3	1.5m	0.01			152	0.7
			ankerite veins									153	2.2
			- foliation now at 60°-70° to core axis									154	3.3
												155	3.3
166.3	172.4		MYLONITIC FELSIC INTRUSION (?)									156	5.5
			- still within fault / shear zone with rock type change									157	4.1
			- fine grained, weakly granular, could be metasediment			A7246	166.3 - 167.4	1.1m	0.10			158	4.4
			- strongly foliated at 70° to core axis									159	5.5
												160	3.5

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Meters	Magnetic Susceptibility Readings
			- possible grain size reduction									161	2.5
			- predominantly reddish-pink in colour									162	2.3
			- strongly ankeritic, hematitic (?)									163	0.3
			- cut by a few quartz-ankerite veins									164	0.2
			- 1-2% finely disseminated pyrite									165	0.6
			- fuchsite wisps at 167-167.3 169.4-169.5									166	0.6
			- 169.17 - quartz-ankerite-tourmaline vein			A7247	167.4-168.9	1.5m	0.03			167	0.3
			- very strongly foliated near lower contact, possible metasediment (?)									168	0.2
						A7248	168.9-169.6	0.7m	0.02			165	2.5
			172.4 - contact almost arbitrary, marked at point where pink alteration diminishes and rock type changes to chloritic schist									170	0.1
						A7249	169.6-171.1	1.5m	0.11			171	1.3
												172	0.2
						A7250	171.1-172.4	1.3m	0.01			173	0.4
172.4	175.2		CHLORITE SCHIST (MAFIC/ULTRAMAFIC INTRUSIVE?)									174	0.2
			- strongly foliated at 80° to core axis			A7251	172.4-173.8	1.4m	0.02			175	1.1
			- medium green, moderately chloritic, calcitic									176	0.2
			- some ankerite			A7252	173.8-175.2	1.4m	0.01			177	1.4
			- core broken, highly fractured						- -			178	2.0
												179	1.4
175.2	219.4		ALTERED METASEDIMENT (Hematite-sericite schist)									180	1.0
			- core badly broken, fractured, pitted, weathered			A7253	175.2-176.7	1.5m	0.01			181	2.3
			- brick-red to reddish-pink									182	2.5
			- fine to very fine grained, to weakly granular			A7254	176.7-178.2	1.5m	0.01			183	1.6
			- strongly foliated at 70° to core axis									184	1.8
			- hematitic, minor sericite			A7255	178.2-179.7	1.5m	0.01			185	0.3
			- 2-3%, locally 5% finely disseminated pyrite									186	0.2
												187	0.4

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gold/tonne Au			Magnetic Susceptibility Meter/cgs	Magnetic Susceptibility Reading
			occuring in thin bands, veins									188	0.1
			-some quartz micro fractures			A7256	179.7 - 181.2	1.5m	0.01			189	0.9
			-darker grey-green, less hematitic material			A7257	181.2 - 182.7	1.5m	0.01			190	0.7
			at 174.3 - 174.6, 178.4 - 178.8, 178.6 - 178.9			A7258	182.7 - 184.2	1.5m	0.01			191	0.3
			- fine grained material is argillite while			A7259	184.2 - 185.7	1.5m	0.01			192	0.9
			coarser granular material is greywacke			A7260	185.7 - 187.2	1.5m	0.04			193	0.6
			-much less calcite alteration downhole			A7261	187.2 - 188.7	1.5m	0.01			194	0.6
			-weakly ankeritic			A7262	188.7 - 190.2	1.5m	0.01			195	0.1
			- 189.5 - 192.6 - medium grey-green in color			A7263	190.2 - 191.7	1.5m	0.02			196	0.5
			- 197 - 200 m - 1% much less disseminated pyrite			A7264	191.7 - 193.2	1.5m	0.01			197	0.4
			- 200.3 - 201.3 - brick red granular greywacke(?)			A7265	193.2 - 194.7	1.5m	0.02			198	0.5
			with 2-3% disseminated pyrite in seams			A7266	194.7 - 196.2	1.5m	0.01			199	0.7
			trace ankerite			A7267	196.2 - 198.2	2.0m	0.01			200	0.4
			- near 205° foliation / bedding at 60° to core axis			A7268	198.2 - 200.0	1.8m	0.01			201	0.4
			- core still broken, weathered			A7269	200.0 - 201.5	1.5m	0.01			202	0.0
			- between 216 - 218 1.5 metres of ground core			A7270	201.5 - 203.0	1.5m	0.01			203	1.0
			- becoming slightly buff coloured towards			A7271	203.0 - 204.5	1.5m	0.01			204	0.5
			lower contact, "bleached"			A7272	204.5 - 206.0	1.5m	0.01			205	0.3
			- moderately ankeritic, 1-2% pyrite			A7273	206.0 - 207.5	1.5m	0.02			206	0.1
						A7274	207.5 - 209.0	1.5m	0.01			207	0.1
219.4	222.3		FELSIC INTRUSION			A7275	209.0 - 210.5	1.5m	0.01			208	2.3
			- light pink, medium grained			A7276	210.5 - 212.0	1.5m	0.03			209	1.3
			- core fractured, broken			A7277	212.0 - 213.5	1.5m	0.02			210	0.6
			-some ankerite veinlets,			A7278	213.5 - 215.0	1.5m	0.01			211	0.6
			- 1-2% fine disseminated pyrite			A7279	215.0 - 218.0	1.5m	0.01			212	0.6
			-cut by numerous quartz-ankerite veins, main vein 221.0-222.6			A7280	218.0 - 219.4	1.4m	0.02			213	0.0
												214	0.0

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au			Magnetic Susceptibility Meleven	Magnetic Susceptibility Reading
222.3	246.5		ALTERED METASEDIMENTS									215	0.1
			- core still badly broken, weathered			A7281	219.7-220.4	1.0m	0.41			216	0.0
			- predominantly brick-red fine grained argillite			A7282	220.4-221.0	0.6m	2.88			217	0.0
			- initially slightly bleached (buff tinge)			A7283	221.0-221.7	0.7m	0.36			218	0.1
			- cut by several narrow quartz-ankerite veinlets			A7284	221.7-222.3	0.6m	0.42			219	0.0
			from upper contact to 228			A7285	222.3-223.8	1.5m	0.01			220	0.1
			- 1-2% disseminated pyrite			A7286	223.8-225.3	1.5m	0.03			221	0.1
			- could be fine grained (aplite dyke) to 225m			A7287	225.3-226.8	1.5m	0.05			222	0.0
			- some chloritic fractures, slips			A7288	226.8-228.3	1.5m	0.01			223	0.1
			- possible granular greywacke at 235.3			A7289	228.3-229.8	1.5m	0.03			224	0.2
			- much less pyrite from 237-245m			A7290	229.8-231.3	1.5m	0.01			225	0.0
			- still weakly calcitic, trace ankerite			A7291	231.3-232.8	1.5m	0.01			226	0.0
			- bedded / foliated at 40° to core axis			A7292	232.8-234.3	1.5m	0.01			227	0.1
			- 245.5-254.5 - pyrite increases in abundance			A7293	234.3-235.8	1.5m	0.01			228	0.0
			to 0.5% calcite and ankerite alteration			A7294	235.8-237.3	1.5m	0.02			229	0.0
			also more abundant in section			A7295	237.3-238.8	1.5m	0.01			230	0.0
			- 246.1 - two 1cm wide quartz-ankerite veins			PO-7	235.3	(Thin Section)				231	0.0
			- 257-259.7 - sediments medium grey			A7296	245.5-247.0	1.5m	0.01			232	0.4
			- from 259.7 - intense brick-red hematitic			A7297	247.0-248.5	1.5m	0.01			233	0.8
			alteration, minor ankerite			A7298	248.5-250.0	1.5m	0.01			234	1.0
			- pink calcite veins in section			A7299	250.0-251.5	1.5m	0.02			235	1.3
			- core still broken			A7300	251.5-253.0	1.5m	0.02			236	0.8
			- 260.6-261.0 - several 1cm wide felted quartz			A7301	253.0-254.5	1.5m	0.01			237	0.5
			veins with possible fuchsite			A7302	254.5-256.0	1.5m	0.01			238	0.8
			- 261.3 magnetite veinlets			A7303	256.0-257.5	1.5m	0.01			239	0.1
			- 264.5 - 5cm wide massive pyrite seam			A7304	257.5-259.0	1.5m	0.03			240	0.0
												241	0.9

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Suscept. Meterage	Magnetic Suscept. Reading
261.5	309.4		ALTERED MAFIC VOLCANIC									242	0.0
			- possible komatiite			A7305	2590-2605	1.5m	0.01			243	0.5
			- abrupt change from brick-red komatiite metasediment to dark brown carbonatized mafic volcanic with only minor reddish-pink alteration			A7306	2605-2620	15m	0.02			244	0.4
						A7307	2620-2635	1.5m	0.01			245	0.1
						A7308	2635-2650	15m	0.01			246	0.1
						A7309	2650-2665	1.5m	0.02			247	0.0
			- core still broken, pitted, weathered to 276.1			A7310	2665-2680	1.5m	0.01			248	0.0
			- numerous calcite seams			A7311	2680-2695	1.5m	0.02			249	0.0
			- 3-5% finely disseminated pyrite throughout weathered zone			A7312	2695-2710	1.5m	0.01			250	0.6
						A7313	2710-2725	1.5m	0.01			251	0.0
			- weak in situ breccia			A7314	2725-2740	1.5m	0.01			252	0.2
			- moderately to strongly foliated at 60° to core axis			A7315	2740-2750	10m	0.01			253	0.7
						A7316	2750-2761	1.1m	0.02			254	0.1
			- from 276.1 - rapid change from brown weathered core to medium green, unweathered competent core			A7317	2761-2776	1.5m	0.02			255	0.0
						A7318	2776-2790	1.4m	0.01			256	0.0
						A7319	2790-2805	1.5m	0.02			257	0.0
			- now excellent core recovery									258	0.0
			- fine grained, granular, possibly pillowed						-			259	0.0
			- medium green in colour to 278, then									260	0.5
			lighter buff grey		-	A98839	281-284	3m	(Whole Rock)			261	0.7
			- moderately sericite, weakly talcose (0.5)									262	0.0
			- with 3-5% disseminated pyrite to 279 then decreasing in abundance to trace amounts downhole									263	0.3
												264	0.0
												265	0.0
			- moderate pervasive ankerite and calcite alteration									266	0.3
												267	0.0
												268	0.1

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Meterage	Magnetic Susceptibility Reading
			- moderately foliated at 80° to core axis									269	0.9
			- cut by a few calcite veins with trace pyrite									270	0.5
			- 285 - calcite patch with trace pyrrhotite, chalcopyrite									271	0.1
												272	0.2
			- colour change at 285 to light grey-green									273	0.2
			- 287.9-288.7 - calcite veined zone with trace pyrite, sericite, foliated at 50° to core axis			A7820	287.9-288.7	0.8m	0.01			274	1.6
												275	0.6
			- 297.3 - 298.1 - strongly foliated calcite "streaked" zone, minor sericite, foliated at 55° to core axis			A7821	297.7-298.1	0.4m	0.01			276	0.0
												277	0.0
			- foliation decreasing in intensity by 300m									278	0.0
			- now - weak in situ breccia alteration breccia									279	0.1
			- ankeritic matrix "fragments" cut by a network of calcite									280	0.2
												281	0.7
			- 306.0-306.1 - quartz-calcite vein with chloritic margins			A7822	305.8-306.2	0.4m	0.02			282	0.1
												283	0.1
												284	0.7
309.4			END OF HOLE			MAGNETIC SUSCEPTIBILITY (CONT)						285	1.3
			SEPT 28/88			Meterage	Reading	Meterage	Reading			286	0.1
						296	0.0	304	0.2			287	0.0
			Survey - Sun	Depth	Azimuth (corr)	297	0.0	305	0.2			288	0.0
			Tests	45.7m	353°	298	0.0	306	0.2			289	0.1
				167.6m	357°	299	0.0	307	0.1			290	0.1
				289.6m	358°	300	0.0	308	0.1			291	0.1
						301	0.2	309	0.2			292	0.1
						302	0.1					293	0.1
						303	0.2					294	0.0
												295	0.0

UMEX INC
DRILL RECORD

PROJECT : CHEURON-UMEX J.V. Hole No.: PO-88-3 Local Coord. : L16W, 9+75 N Started : SEPT 28, 1988 Drilled By : DOMINIK

ANOMALY: PRICE TWP Bearing : 000° Depth : 163.4m Completed: SEPT 30, 1988 Described By: DAVE MULLEN OCT 1988

CLAIM : P-880300 Dip : -45° Core Diameter: BQ Machine : INSPIRATION 3

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Meter Reading	
0	24.4		CASING										
24.4	31.7		FELSIC TUFF (Sericite schist)										
			-fine to very fine grained, strongly sericitic										
			-ankeritic, trace chlorite			A7323	24.4 - 25.7	1.3m	0.01			25	0.0
			-initially pink tinged (hematite) to 27.5,									26	0.0
			then predominantly yellowy-grey			A7324	25.7 - 27.2	1.5m	0.01			27	0.0
			-trace to minor finely disseminated pyrite									28	0.0
			-strongly foliated at 50° to core axis			A7325	27.2 - 28.2	1.0m	0.01			29	0.1
			-weakly arenulated			A9689	28 - 31	3m	(Whole Rock)			30	0.0
			-28.35 - 28.65 - quartz vein with trace pyrite,			A7326	28.2 - 28.7	0.5m	0.02			31	0.0
			chalcopyrite, galena			A7327	28.7 - 29.7	1.0m	0.01			32	0.1
			-near 31.1 - possible clasts re. lapilli tuff			A7328	29.7 - 30.7	1.0m	0.01			33	0.0
						A7329	30.7 - 31.7	1.0m	0.01			34	0.0
31.7	36.6		QUARTZ (FELDSPAR) PORPHYRY									35	0.1
			-fine to medium grained, orange-pink in colour			A7330	31.7 - 33.2	1.5m	0.02			36	0.1
			-strongly quartz porphyritic, 1-3mm phenocrysts										
			-a few scattered 3mm diameter feldspars			A7331	33.2 - 34.7	1.5m	0.03				
			-massive, fairly uniform										
			-minor (<1%) finely disseminated pyrite			A7332	34.7 - 36.6	1.9m	0.01				
			-trace ankerite										

HOLE No.: PO-88-3

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au	% Cu	% Zn	Magnetic Susceptibility Reading	
			-cut by a few 1cm wide calcite veins										
36.6	43.5		FELSIC TUFF (Sericite schist)									37	0.1
			-fine grained to weakly granular									38	0.0
			-yellowy-grey, strongly sericitic			A7333	36.6-38.1	1.5m	0.01	NA	NA	39	0.1
			-weakly ankeritic									40	0.0
			-well foliated/bedded at 60°-70° to core			A7334	38.1-39.6	1.5m	0.01	NA	NA	41	0.1
			axis, weak crenulation cleavage development									42	0.1
			-trace to minor pyrite as disseminations and			A7335	39.6-41.5	1.9m	0.02	NA	NA	43	0.4
			in fractures especially in more granular sections									44	3.7
			-a few ankerite veinlets/fractures			A7336	41.5-42.5	1.0m	0.01	NA	NA	45	2.5
			-37.7-38.0 reddish-pink tinged hematitic zone									46	3.5
			-42.8-43.0: irregular quartz vein with minor			A7337	42.5-43.5	1.0m	0.04	NA	NA	47	5.1
			calcite, ankerite, trace galena, pyrite, chalcopyrite									48	6.9
												49	2.6
43.5	59.1		PYRITIC FELSIC VOLCANIC									50	5.7
			-brick-red in colour, strongly hematitic									51	3.3
			-strong pervasive calcite alteration, trace ankerite			A7338	43.5-45.0	1.5m	0.01	0.012	0.01	52	1.5
			-cut by numerous pyrite veins/seams to 5cm									53	0.2
			plus 2-3% scattered 2mm pyrite cubes			A7339	45.0-46.5	1.5m	0.03	0.020	0.01	54	0.4
			and finer disseminations throughout volcanic									55	0.2
			-43.5-47.0: 25%-30% sulphide in section			A7340	46.5-48.0	1.5m	0.18	0.021	0.01	56	0.5
			-minor fine grained magnetite associated									57	0.1
			with pyrite seams			A7341	48.0-49.5	1.5m	0.02	0.019	0.01	58	0.1
			-also possibly sphalerite (??) and hematite									59	0.5
			-cut by a few pink tinged narrow quartz-calcite									60	0.9

*NA - not analysed

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Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au g/tonne	Cu %	Zn %	Magnetic Susceptibility Meters	Magnetic Susceptibility Readings
			veins with minor ankerite, magnetite										
			- felsic volcanic in situ brecciated with chlorite fractures			A9885/5	47-50	3m	(Whole Rock)				
			-46-51 - 2-3% finely disseminated pyrite			A7342	49.5-51.0	1.5m	0.03	0.004	0.02		
			-51-56 - 10%-15% pyrite in seams and disseminations, chloritic fractures			A7343	51.0-52.5	1.5m	0.10	ppm 122	ppm 1090		
			52-53.5 broken core										
			57- colour change from brick-red to medium yellowy-grey accompanied by a change in carbonate species from strong pervasive calcite to moderate pervasive ankerite			A7344	52.5-54.0	1.5m	0.11	126	129		
						A7345	54.0-55.5	1.5m	0.03	102	120		
			-57.7-.5cm wide possible siliceous exhalite band or weakly banded quartz vein			A7346	55.5-57.0	1.5m	0.01	105	150		
			- felsic volcanic appears brecciated towards lower contact			A7347	57.0-58.0	1.0m	0.37	147	173		
						A7348	58.0-59.1	1.1m	0.21	163	228		
591	637.5		PYRITIC FELSIC ASH-LAPILLI TUFF										
			-medium grey to dark green										
			-moderately sericite, in part strongly chloritic			A7349	59.1-60.6	1.5m	0.03	231	344	61	2.4
			-moderately calcitic, some ankerite									62	5.5
			- some magnetite associated with pyrite bands			A7350	60.6-62.1	1.5m	0.16	590	1400	63	6.8
			- with 20%-25% pyrite seams to 5cm, appear to be beds and not veins as in previous section									64	1.6
						A7351	62.1-63.6	1.5m	0.11	395	407	65	0.0
			- a few very fine grained siliceous cherty beds and talc/chlorite plasts to 10cm									66	0.1
						A7352	63.6-65.1	1.5m	0.02	235	167	67	0.2
			-clasts are in situ brecciated, fractured and									68	0.1

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results Au	Cu	Zn	Magnetic Susceptibility Meters	Reading
			have strongly foliated margins							ppm	ppm		
			- some weakly graphitic argillite seams										
			- unit moderately to strongly foliated at 70° to core axis			A7353	65.1-66.6	1.5m	0.03	288	206		
			- cut by a few calcite fractures, veinlets			A7354	66.6-67.75	1.15m	0.01	20	87	69	0.0
			- 67.1- 2cm wide quartz vein with trace pyrite									70	0.0
												71	0.0
			- unit more massive, darker grey in colour towards end of section									73	0.1
												73	0.1
												74	0.1
67.75	71.5		MAFIC DYKE									75	0.8
			- relatively massive, fine grained, granular			A7355	67.75-69.0	1.25m	0.03	21	86	76	3.0
			- cut by numerous quartz-calcite veinlets									77	2.9
			- 68.8- narrow quartz vein with 1-2% pyrite adjacent to vein									78	3.2
												79	1.2
												80	0.8
71.5	74.5		FELSIC ASH TUFF										
			- medium yellowy-grey, sericitic										
			- 1-2% pyrite, locally 5%			A7356	71.5-73.0	1.5m	0.02	50	97		
			- well foliated, bedded at 70° to core axis										
			- weakly to moderately calcitic			A7357	73.0-74.5	1.5m	0.01	19	137		
			- cut by several calcite veinlets, ankerite fractures										
			- 73.8- one ankerite fracture crosscuts calcite veinlet										
			- darker grey towards lower contact										

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Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gal/tonne Au			Magnetic Susceptibility Meters	Readings
74.5	79.3		FELSIC INTRUSION										
			- possible quartz porphyry, fine grained									81	1.4
			- very strongly foliated at 70° to core axis			A7358	74.5 - 76.0	1.5m	0.01			82	1.0
			- reddish-pink though lighter coloured at									83	0.9
			both contacts			A7359	76.0 - 77.0	1.0m	0.11			84	0.2
			- possibly mylonitic (?)									85	1.1
			- strong pervasive ankerite alteration			A7360	77.0 - 78.0	1.0m	0.25			86	2.8
			- some ankerite veinlets									87	2.6
			- weakly to moderately magnetic, tiny flecks			A7361	78.0 - 79.3	1.3m	0.12			88	2.4
			of magnetite throughout									89	0.7
			- trace pyrite, epidote									90	1.8
			- a few quartz phenocrysts									91	4.2
			- 76.5 - 76.6 : quartz - calcite - ankerite vein									92	3.3
												93	2.9
79.3	102.0		ALTERED FELSIC SCHIST									94	0.5
			- variably coloured greenish grey to brick red			A7362	79.3 - 80.8	1.5m	0.01			95	2.2
			- fairly siliceous, moderately sericitic									96	3.9
			- strong calcite - ankerite alteration			A7363	80.8 - 82.2	1.4m	0.52			97	2.9
			- with 1% disseminated magnetite, pyrite									98	0.3
			- appears brecciated, cut by irregular quartz veins			A7364	82.2 - 82.5	0.3m	0.01			99	0.2
			- 82.2 - 82.5 - 5% pyrite, magnetite			PO-8	89.5 (Thin Section)					100	1.1
			- becoming lighter coloured near 84.4, then			A7365	82.5 - 83.5	1.0m	0.02			101	0.7
			brick-red again			PO-9	91.1 (Thin Section)					102	0.2
			- fine grained, somewhat granular			A7366	83.5 - 84.4	0.9m	0.01			103	2.8
			- strongly foliated at 65° to core axis			PO-10	100.9 (Thin Section)					104	0.4
			- possible shear zone (ankerite fabric ??)			A7367	84.4 - 85.9	1.5m	0.03			105	2.0

HOLE No.: PO-88-3
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Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results ppm/trace Au			Magnetic Susceptibility Meterage	Magnetic Susceptibility Reading
			- still with scattered magnetite flecks			A9884	94-97	3m	(Whole Rock)				
			- moderate pervasive calcite ankerite alteration			A7368	859-872	1.3m	0.01			106	1.2
			- 872-875 clear quartz vein			A7369	872-880.5	0.3m	0.01			107	0.4
			- 94-100 : darker brick-red in colour hematitic sericitic, 1% finely disseminated pyrite			A7370	875-885	1.0m	0.04			108	2.6
			- possible stretched clasts (?)			A7371	885-900	1.5m	0.11			109	1.6
			- still strongly foliated at 70°-80° to core axis			A7372	900-915	1.5m	0.01			110	2.9
			- highly fractured "tectonic breccia"			A7373	915-930	1.5m	0.02			111	2.5
			- felsic dyke 100.6-100.9			A7374	930-945	1.5m	0.01			112	2.0
						A7375	945-960	1.5m	0.03			113	1.0
						A7376	960-975	1.5m	0.01			114	2.3
102.0	102.9		FELSIC INTRUSION			A7377	975-990	1.5m	0.02			115	1.2
			- pink, medium grained, weakly quartz porphyritic, not deformed			A7378	990-1005	1.5m	0.01				
			- 1% finely disseminated pyrite			A7379	1005-1020	1.5m	0.01				
			- some calcite, trace ankerite			A7380	1020-1029	0.9m	0.01				
						PO-11	102.3 (Thin Section)						
102.9	105.4		FELSIC SCHIST										
			- reddish pink, fine grained, strongly foliated at 70° to core axis			A7381	1029-1040	1.1m	0.02				
			- sericitic, moderately calcitic, ankeritic										
			- minor very fine grained disseminated pyrite, trace magnetite			A7382	1040-1054	1.4m	0.01				
			- cut by quartz porphyry dykes at 1048-1049, 1052-1053, dykes not foliated										

Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results gm/tonne Au			Magnetic Susceptibility Metres	Reading
105.4	163.4		ALTERED MAFIC VOLCANIC										
			- variably coloured depending upon alteration type									116	0.2
			- greenish-grey to brick red									117	0.3
			- moderately chloritic, sericitic, calcitic, ankeritic									118	0.8
			hematitic, weakly magnetic			A7383	111.5-113.0	1.5m	0.61			119	2.1
			- fine grained to granular									120	0.3
			- foliated at 60°-70° to core axis			A7384	113.0-114.5	1.5m	0.62			121	1.0
			- trace to minor disseminated pyrite, trace magnetite									122	0.9
			- highly fractured, chloritic fractures			A7385	114.5-116.0	1.5m	0.61			123	0.1
			- zone broken core									124	0.3
			- numerous irregular calcite veins			A7386	116.0-117.5	1.5m	0.10			125	0.2
			- cut by undeformed quartz-porphyry dykes at			PO-12	117.3 (	Thin Section)				126	0.1
			120.5-120.6, 120.9-121.1, 122.2-122.4			A7387	117.5-119.0	1.5m	0.62			127	0.2
			- 120-122.5- medium green fine grained chloritic									128	0.0
			* - 122.5-138- unit fine grained, strongly			A7388	119.0-120.5	1.5m	0.02			129	0.1
			foliated at 40°-60°, possible shear zone									130	0.0
			cut by numerous (20-30%) thin calcite veins,			A7389	120.5-122.0	1.5m	0.20			131	0.1
			veinlets both parallel to and cross cutting foliation						--			132	0.5
			- still strongly hematitic, with chloritic fractures			A7390	122.5-125.0	1.5m	0.01			133	0.4
			- larger calcite veins in zone 128-129.6									134	1.6
			- 135-136 2-3% fine disseminated pyrite			A7391	1350-136.0	1.0m	0.04			135	1.9
			- after 138-142.5- less hematitic, more chloritic									136	3.6
			medium grey-green with only patches of			A7392	136.0-137.5	1.5m	0.02			137	1.2
			brick-red alteration									138	2.7
			- still moderately foliated at 50°-60° to core axis									139	1.5
			- locally weakly magnetic									140	1.5

HOLE No.: PO-88-3

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Depth From	Depth To	% Core	Description & Lithology	Mineralization	Dip to C.A.	Sample Number	Sample Interval	Sample Length	Assay Results µm/tonne Au			Magnetic Susceptibility Metres	Magnetic Susceptibility Reads
			- trace disseminated pyrite										
			- 142.5 - 154.6 - medium green, finely variable, no hematite alteration moderately ankeritic with epidote fractures "bleached"									141	1.9
												142	1.9
						A98863	148 - 151	3m (Whole Rock)				143	0.1
			- felsic dykes at 143.7 - 143.95, 145.2 - 145.9, 153.26 - 153.90 m.									144	0.1
												145	0.1
			- moderately calcitic									146	0.1
			- similar fracturing as in previous hematitic zone but less foliated									147	0.2
												148	0.1
			- minor disseminated tourmaline at 148.9, 150.5 - 150.8, 153.6 - 153.8, minor pyrite 152.3 - 152.4									149	0.1
						PO-13	150.5 (Thin Section)					150	0.1
						A7393	152.0 - 152.5	0.5m	0.07			151	0.1
			- after 154.6 - becoming thick-red, hematitic, cut by numerous calcite veinlets and minor disseminated pyrite									152	0.3
						A7394	157.0 - 158.5	1.5m	0.04			153	0.1
						A7395	158.5 - 159.5	1.0m	0.15			154	0.2
						A7396	159.5 - 160.2	0.7m	0.05			155	0.3
						A7397	160.2 - 161.2	1.0m	0.02			156	0.8
						A7398	161.2 - 162.7	1.5m	0.01			157	0.3
			- 159.5 - 159.6, 160.8 - 160.85, with trace pyrite									158	0.6
			- from 161 - core badly broken, strongly calcitic and hematitic									159	6.4
												160	1.7
												161	3.7
	162.4		END OF HOLE D. M. Hall OCT 3/88									162	0.9
												163	0.7
			Sperry Sun Tests Depth Azimuth Dip										
			36.9m 359° (corr) -43°										
			152.7m 355° -42°										

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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

DEC - 8 1987

DATE RECEIVED: NOV 25 1987 DATE REPORT MAILED: Dec 2/87 ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

humus

UMEX INC. PROJECT-M583 File # 87-3905 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
12101	1	4	4	2	.3	1	1	23	.75	2	5	ND	3	4	1	2	3	14	.06	.040	6	12	.04	6	.03	2	.53	.01	.02	1	1
12102	1	5	3	3	.2	1	1	14	.52	2	5	ND	2	4	1	2	2	10	.04	.029	6	8	.03	6	.03	3	.57	.01	.02	1	1
12103	1	5	6	10	.2	1	1	31	.92	2	5	ND	3	4	1	2	2	17	.04	.041	7	15	.04	10	.03	2	1.24	.01	.01	1	1
12104	1	4	2	6	.1	2	1	53	.61	3	5	ND	3	4	1	2	2	11	.04	.029	6	11	.04	8	.03	2	.75	.01	.01	1	2
12105	1	4	2	11	.3	1	2	330	.54	2	5	ND	2	4	1	2	5	9	.04	.040	5	8	.04	19	.02	2	.45	.01	.02	1	1
12106	1	5	4	6	.2	2	2	53	.76	6	5	ND	2	4	1	2	2	13	.06	.073	5	11	.04	6	.03	3	.62	.01	.01	1	1
12107	1	4	2	5	.1	6	2	63	.78	2	5	ND	3	6	1	2	2	14	.13	.036	10	17	.08	8	.03	2	.40	.01	.02	1	2
12108	1	8	2	6	.1	5	2	95	.93	2	5	ND	8	9	1	2	5	18	.22	.049	17	20	.11	8	.04	3	.26	.01	.03	1	1
12109	1	3	2	8	.1	4	2	59	1.06	2	5	ND	6	6	1	2	2	20	.11	.031	13	21	.08	8	.03	4	.49	.01	.02	1	1
12110	1	5	3	6	.1	1	1	57	.50	2	5	ND	2	5	1	2	2	9	.05	.020	5	9	.04	9	.02	3	.39	.01	.01	1	1
12111	1	4	5	16	.1	10	3	56	.89	2	5	ND	4	5	1	2	2	14	.07	.048	9	19	.09	14	.03	2	1.02	.01	.01	1	1
12112	1	4	2	11	.1	6	2	42	.94	3	5	ND	6	5	1	3	2	17	.07	.044	11	19	.07	8	.03	2	.88	.01	.02	1	1
12113	1	4	3	9	.1	3	2	73	.76	3	5	ND	5	7	1	2	2	14	.18	.044	11	17	.09	11	.03	4	.35	.01	.01	1	1
12114	1	5	5	10	.1	3	1	35	.71	2	5	ND	3	4	1	2	2	13	.06	.031	8	13	.05	6	.03	3	.58	.01	.02	1	1
12115	1	4	2	9	.2	1	2	29	.77	5	5	ND	3	5	1	2	2	14	.08	.030	8	12	.06	10	.03	3	.48	.01	.02	1	1
12116	1	3	2	19	.2	6	2	48	1.03	4	5	ND	5	5	1	3	2	18	.09	.068	10	19	.07	14	.04	2	1.13	.01	.01	1	1
12117	1	4	2	9	.1	7	3	48	.84	2	5	ND	4	5	1	2	2	14	.09	.041	9	16	.08	9	.03	2	.68	.01	.02	1	2
12118	1	5	3	6	.1	2	1	33	.68	2	5	ND	3	4	1	2	2	13	.03	.025	5	11	.03	7	.03	2	.80	.01	.02	1	1
12119	1	4	5	11	.1	8	2	52	.96	3	5	ND	3	5	1	2	2	15	.06	.038	7	18	.09	16	.03	3	1.33	.01	.02	1	1
12120	1	1	5	6	.4	5	2	46	1.28	2	5	ND	4	6	1	2	2	26	.06	.016	9	21	.06	15	.04	2	1.06	.01	.02	1	2
12121	1	6	4	11	.1	13	4	71	1.80	2	5	ND	15	7	1	2	2	32	.11	.036	27	36	.13	19	.05	3	1.18	.01	.02	1	1
12122	1	2	3	7	.1	4	2	39	.99	3	5	ND	5	4	1	2	2	18	.04	.026	9	16	.05	10	.04	2	.99	.01	.01	1	1
12123	1	4	2	12	.3	10	3	80	1.38	3	5	ND	8	7	1	2	2	25	.13	.054	16	27	.12	16	.04	3	.96	.01	.03	1	1
12124	1	5	2	8	.1	10	3	53	.92	2	5	ND	4	6	1	2	2	16	.12	.048	12	19	.10	11	.03	2	.73	.01	.02	1	1
12125	1	3	2	2	.3	1	1	15	.31	6	5	ND	3	2	1	3	2	6	.01	.010	6	6	.02	4	.02	2	.21	.01	.01	1	1
12126	1	4	2	13	.1	2	1	48	.62	3	5	ND	3	3	1	2	2	11	.02	.045	5	9	.03	9	.02	2	.95	.01	.02	1	1
12127	1	1	7	8	.1	7	1	29	.42	2	5	ND	1	6	1	3	2	10	.06	.013	7	12	.08	16	.04	2	.68	.01	.02	1	2
12128	1	4	7	10	.1	9	3	65	1.03	5	5	ND	3	8	1	2	2	14	.37	.017	7	16	.12	22	.04	2	1.20	.01	.03	1	1
12129	1	3	2	7	.1	4	2	34	.74	3	5	ND	2	5	1	3	2	12	.07	.022	9	13	.07	8	.03	2	.82	.01	.01	1	1
12130	1	5	4	4	.1	3	1	22	.61	2	5	ND	3	4	1	3	2	10	.04	.009	6	10	.04	5	.03	4	.77	.01	.02	1	1
12131	1	3	2	2	.1	2	1	10	.12	2	5	ND	1	5	1	2	2	3	.24	.007	3	2	.02	5	.01	2	.12	.01	.02	1	1
12132	1	5	2	4	.1	4	1	40	.95	4	5	ND	5	6	1	2	2	18	.11	.036	12	18	.07	5	.04	2	.43	.01	.02	1	1
12133	1	1	2	7	.1	7	2	52	1.20	2	5	ND	6	6	1	2	2	23	.11	.042	17	23	.08	9	.04	4	.77	.01	.01	1	1
12134	1	4	2	19	.1	6	2	119	1.16	3	5	ND	5	5	1	3	2	19	.07	.053	11	20	.07	12	.03	4	1.05	.01	.02	1	2
12135	1	4	5	11	.1	4	2	85	.62	5	5	ND	2	4	1	2	2	11	.02	.027	5	10	.04	13	.02	2	.88	.01	.01	1	1
12136	1	4	2	14	.2	6	2	93	.80	5	6	ND	5	4	1	3	2	14	.03	.034	8	15	.04	9	.03	2	1.08	.01	.02	1	1
STD P/AU-S	18	59	43	132	7.1	70	28	1039	3.97	43	20	7	39	51	18	17	21	57	.48	.084	38	61	.85	182	.06	34	1.86	.06	.14	11	48

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
12137	1	4	3	31	.1	6	2	120	.71	3	5	ND	4	4	1	2	3	11	.04	.058	7	12	.04	19	.02	2	1.13	.01	.02	1	1
12138	1	4	6	11	.2	5	2	38	.80	2	5	ND	6	5	1	2	2	14	.07	.046	10	14	.06	10	.03	2	.71	.01	.03	1	1
12139	1	3	6	12	.3	10	3	57	1.24	3	5	ND	11	6	1	2	3	24	.10	.040	18	24	.08	8	.03	2	.56	.01	.03	1	1
12140	1	5	10	7	.1	7	2	59	.79	2	5	ND	6	7	1	2	2	15	.14	.046	12	17	.09	8	.03	3	.49	.01	.02	1	1
12141	1	4	3	7	.2	9	3	46	.73	2	5	ND	7	7	1	2	4	13	.14	.033	13	14	.10	8	.03	3	.58	.01	.03	1	1
12142	1	2	7	18	.1	8	2	53	.81	2	5	ND	5	7	1	2	4	14	.14	.037	12	17	.09	8	.04	2	.70	.01	.02	1	1
12143	1	3	8	4	.1	4	1	32	.78	2	5	ND	3	4	1	2	2	15	.04	.022	8	11	.04	8	.04	2	.97	.01	.03	1	1
12144	1	4	2	11	.3	11	3	58	1.46	3	5	ND	7	6	1	2	3	25	.09	.046	12	22	.11	12	.05	4	1.61	.01	.03	1	1
12145	1	3	4	12	.1	8	2	51	.80	3	5	ND	3	5	1	2	3	14	.06	.047	7	14	.07	10	.03	2	.84	.01	.02	1	1
12146	1	3	6	14	.1	6	2	63	1.00	3	5	ND	3	6	1	2	2	17	.06	.040	8	17	.06	15	.03	4	1.10	.01	.02	1	1
12147	1	4	9	13	.1	4	1	36	.85	5	5	ND	4	4	1	2	3	13	.04	.042	7	14	.05	11	.03	4	1.14	.01	.02	1	1
12148	1	4	10	18	.2	6	3	62	.94	5	5	ND	7	5	1	2	3	16	.04	.045	11	15	.07	15	.03	2	1.13	.01	.02	1	1
12149	1	3	7	10	.1	4	1	46	.75	3	5	ND	4	5	1	2	2	14	.04	.031	7	12	.04	9	.03	3	.95	.01	.02	1	1
12150	1	1	7	13	.2	9	3	77	1.31	3	6	ND	7	6	1	2	2	25	.06	.040	14	23	.07	11	.04	4	1.18	.01	.02	1	1
12151	1	3	3	11	.1	8	2	51	1.13	3	5	ND	5	5	1	2	2	20	.05	.035	9	20	.07	12	.03	3	1.23	.01	.01	1	1
12152	1	5	2	12	.1	13	4	64	1.42	2	6	ND	9	7	1	2	2	26	.09	.044	17	31	.12	13	.04	4	1.05	.01	.02	1	2
12153	1	4	2	10	.1	9	3	51	1.03	2	5	ND	6	5	1	2	3	19	.08	.038	12	22	.09	9	.03	2	.82	.01	.02	1	1
12154	1	4	5	7	.1	2	1	27	.63	2	6	ND	4	5	1	2	2	13	.03	.019	6	10	.04	6	.03	2	.53	.01	.02	1	1
12155	1	1	3	5	.1	4	1	32	.82	2	5	ND	4	6	1	2	2	17	.05	.029	8	11	.04	7	.04	3	.56	.01	.01	1	1
12156	1	4	7	6	.3	2	1	40	.63	4	6	ND	3	4	1	2	2	12	.03	.030	6	10	.03	11	.03	2	.81	.01	.02	1	1
12157	1	4	4	8	.1	4	1	32	.74	5	5	ND	2	4	1	2	2	13	.04	.039	8	13	.05	9	.03	3	.87	.01	.02	1	1
12158	1	4	2	10	.1	4	1	61	.79	5	5	ND	5	4	1	2	2	14	.03	.036	9	13	.05	7	.03	2	.80	.01	.01	1	1
12159	1	4	4	10	.2	8	2	88	.96	2	5	ND	5	5	1	2	2	17	.06	.044	7	17	.07	11	.03	4	1.15	.01	.03	1	1
12160	1	3	4	14	.1	5	1	96	.82	3	5	ND	2	5	1	2	2	14	.03	.039	7	14	.04	8	.03	5	.98	.01	.01	1	1
12161	1	4	4	14	.1	3	2	106	.82	2	5	ND	3	4	1	2	2	14	.02	.056	6	13	.04	8	.03	2	.97	.01	.02	1	1
12162	1	4	5	5	.2	6	1	36	.62	2	6	ND	5	5	1	3	2	12	.06	.035	9	11	.05	5	.03	2	.36	.01	.02	1	1
12163	1	4	5	7	.1	9	2	39	.90	2	5	ND	2	11	1	2	3	14	.19	.017	23	16	.09	14	.05	2	1.12	.01	.03	1	1
12164	1	3	4	5	.1	8	3	51	.72	2	5	ND	3	7	1	2	2	11	.12	.031	8	15	.10	7	.04	4	.56	.01	.02	1	1
12165	1	1	5	11	.1	4	1	80	1.03	2	5	ND	3	6	1	2	2	19	.05	.019	8	15	.06	10	.04	3	.68	.01	.02	1	2
12166	1	2	7	13	.3	8	3	62	1.62	2	5	ND	5	7	1	2	2	26	.09	.036	10	26	.10	13	.05	3	1.54	.01	.03	1	1
12167	1	2	4	10	.2	9	2	249	1.29	3	5	ND	6	6	1	2	3	23	.07	.028	13	21	.07	10	.04	3	.65	.01	.02	1	1
12168	1	1	4	6	.1	3	1	38	1.03	2	5	ND	3	5	1	2	2	18	.02	.023	9	15	.03	6	.04	2	.72	.01	.01	1	1
12169	1	6	9	12	.2	14	3	70	1.49	2	6	ND	5	8	1	2	2	22	.06	.012	11	23	.12	25	.06	2	1.01	.01	.03	1	1
12170	1	1	2	11	.2	5	1	75	.95	2	5	ND	3	4	1	2	3	16	.02	.028	6	14	.04	6	.04	2	.89	.01	.01	1	1
12171	1	1	9	18	.1	7	1	61	1.07	3	5	ND	7	5	1	2	2	18	.05	.053	10	16	.07	9	.04	4	1.04	.01	.02	1	1
12172	1	4	6	9	.3	6	1	68	.57	2	5	ND	4	6	1	2	2	10	.11	.006	9	11	.10	13	.03	12	.39	.01	.02	1	1
STD C/AU-S	19	61	37	132	7.3	69	30	1083	4.04	42	19	7	39	51	19	16	22	60	.48	.089	40	63	.91	180	.07	36	1.91	.06	.16	12	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
12173	1	2	4	8	.1	3	1	31	.73	2	5	ND	1	4	1	2	2	15	.04	.028	6	9	.04	10	.04	2	.97	.01	.02	1	1
12174	1	2	8	10	.1	4	1	39	.85	2	5	ND	2	4	1	2	2	16	.05	.038	8	14	.04	6	.03	2	.51	.01	.02	1	2
12175	1	1	2	16	.1	7	2	48	1.06	2	5	ND	4	4	1	2	2	18	.07	.067	10	17	.08	10	.04	2	1.13	.01	.02	1	1
12176	1	3	7	18	.1	14	2	49	1.22	5	5	ND	5	5	1	2	2	18	.06	.018	10	22	.09	13	.04	2	.75	.01	.02	1	1
STD C/AU-S	19	60	39	129	7.2	69	29	1051	4.11	44	25	8	39	52	18	18	21	56	.49	.086	39	59	.88	166	.06	39	1.93	.06	.13	14	48
12177	1	1	2	1	.1	1	1	12	.11	2	5	ND	2	3	1	2	2	4	.02	.001	7	1	.01	1	.02	2	.11	.01	.01	1	1
12178	1	1	2	16	.1	4	1	80	.82	3	5	ND	3	4	1	2	2	13	.04	.041	8	12	.04	14	.02	2	1.17	.01	.02	1	1
12179	1	2	2	18	.1	5	1	86	.71	6	5	ND	3	4	1	3	3	11	.05	.045	8	12	.05	9	.03	2	.80	.01	.02	1	1
12180	1	1	5	8	.4	2	1	50	.54	3	5	ND	2	3	1	3	2	9	.05	.038	4	9	.04	6	.02	2	.96	.01	.02	2	1
12181	1	3	7	22	.1	6	3	119	1.01	2	5	ND	5	5	1	2	2	16	.06	.069	10	15	.07	19	.03	2	1.39	.01	.02	1	1
12182	1	2	2	11	.1	2	1	47	.73	2	5	ND	1	4	1	2	2	12	.03	.050	5	11	.04	10	.03	2	1.00	.01	.01	1	1
12183	1	2	3	8	.3	1	1	47	.67	5	5	ND	3	3	1	2	2	11	.03	.030	6	10	.04	6	.03	2	.67	.01	.01	1	1
12184	1	3	2	5	.1	5	2	79	.56	2	5	ND	4	8	1	2	2	10	.18	.040	15	11	.11	19	.03	2	.29	.01	.02	1	17
12185	1	2	5	7	.1	7	2	43	.67	3	5	ND	2	5	1	2	2	11	.09	.036	9	13	.08	9	.03	2	.60	.01	.01	1	1
12186	1	1	4	7	.1	6	2	35	1.10	2	5	ND	3	6	1	2	2	16	.06	.018	7	14	.06	12	.04	2	1.10	.01	.02	1	1
12187	1	2	2	14	.2	10	2	57	.98	2	5	ND	5	6	1	2	2	16	.09	.070	12	16	.10	9	.04	2	.87	.01	.03	1	2
12188	1	1	2	13	.1	8	3	152	1.13	2	5	ND	5	7	1	2	2	19	.15	.090	14	20	.11	9	.04	3	.69	.01	.01	1	1
12189	1	1	2	19	.2	6	2	73	1.13	2	5	ND	5	6	1	2	2	18	.07	.060	11	20	.07	12	.03	2	1.18	.01	.02	1	1
12190	1	4	6	9	.1	7	3	65	1.39	2	5	ND	3	6	1	2	2	26	.09	.040	11	24	.10	13	.05	2	1.07	.01	.02	1	1
12191	1	5	2	14	.1	29	6	89	1.70	4	5	ND	3	8	1	2	3	20	.11	.027	10	45	.22	29	.06	2	1.68	.01	.02	1	1
12192	1	2	7	8	.1	5	2	51	1.77	2	5	ND	2	5	1	2	2	31	.04	.016	9	18	.07	17	.07	2	.83	.01	.03	1	1
12193	1	12	4	16	.1	11	3	453	.99	2	5	ND	1	11	1	2	2	16	.46	.038	14	17	.14	29	.02	2	1.03	.01	.03	1	2
12194	1	4	2	10	.1	12	3	102	1.60	2	5	ND	2	8	1	2	2	22	.10	.010	9	22	.15	21	.07	2	.81	.01	.03	1	1
12195	1	2	3	19	.1	5	2	66	1.40	3	5	ND	6	6	1	2	2	25	.07	.027	13	19	.08	12	.05	2	.91	.01	.02	1	1
12196	1	1	5	24	.2	3	2	56	1.18	3	5	ND	8	4	1	4	2	20	.05	.073	12	16	.06	13	.04	2	1.29	.01	.02	1	7
12197	1	3	2	21	.1	6	2	48	1.09	2	5	ND	4	5	1	2	2	18	.06	.060	10	16	.07	11	.04	3	1.08	.01	.01	1	1
12198	1	1	8	16	.4	6	2	41	.86	2	5	ND	3	5	1	2	2	15	.06	.035	6	14	.08	9	.03	3	.73	.01	.02	1	1
12199	1	4	5	23	.2	14	5	306	1.53	9	5	ND	7	13	1	2	2	22	.40	.013	16	32	.20	16	.04	3	.55	.01	.03	1	1
12200	1	1	4	16	.2	6	3	53	.98	2	5	ND	4	4	1	2	2	15	.03	.066	9	17	.07	13	.04	4	1.45	.01	.02	1	1
12201	1	1	8	18	.1	4	2	54	1.01	2	5	ND	7	4	1	2	2	17	.03	.057	12	17	.06	11	.04	2	1.54	.01	.03	1	1
12202	1	2	4	25	.1	5	2	72	.92	2	5	ND	3	4	1	2	2	15	.03	.083	8	16	.05	13	.03	2	1.22	.01	.02	1	1
12203	1	2	3	6	.1	3	1	24	.66	5	5	ND	5	3	1	2	2	13	.01	.036	10	11	.03	6	.03	2	.73	.01	.02	1	1
12204	1	3	3	10	.1	6	2	41	.99	2	5	ND	5	5	1	2	2	17	.04	.056	13	18	.06	8	.03	2	.89	.01	.01	1	2
12205	1	1	2	1	.1	1	1	12	.12	3	5	ND	1	3	1	2	2	3	.01	.003	5	2	.01	2	.01	2	.11	.01	.01	1	1
12206	1	1	4	3	.1	2	1	21	.47	2	5	ND	2	4	1	2	2	12	.02	.004	7	9	.03	3	.03	2	.18	.01	.01	1	1
12207	1	2	4	5	.1	6	2	37	.72	3	5	ND	3	6	1	2	2	12	.07	.014	7	11	.07	13	.04	3	.63	.01	.02	1	1
12208	1	1	6	8	.1	5	2	43	1.38	2	5	ND	2	4	1	2	2	20	.05	.039	7	19	.08	12	.05	2	1.65	.01	.02	1	2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
12209	1	3	2	5	.1	3	1	80	.42	4	5	ND	1	3	1	2	2	8	.04	.008	5	6	.04	5	.02	12	.27	.01	.01	1	1
12210	1	1	2	6	.1	5	1	31	.95	5	5	ND	1	5	1	2	2	19	.07	.012	7	13	.06	14	.05	2	1.08	.01	.01	1	3
12211	1	4	4	2	.1	1	1	8	.16	2	5	ND	2	4	1	2	2	7	.05	.002	6	2	.02	4	.03	2	.19	.01	.01	1	1
12212	1	5	7	19	.1	18	4	145	2.06	13	5	ND	2	9	1	2	2	23	.32	.018	10	31	.27	30	.04	2	1.05	.01	.03	1	4
12213	1	8	10	51	.1	11	8	321	1.20	2	5	ND	1	12	1	2	2	22	.66	.022	8	15	.15	34	.03	2	1.17	.01	.02	1	3
12214	1	5	2	9	.1	8	2	168	.76	3	5	ND	1	8	1	2	2	10	.27	.017	11	15	.16	8	.03	2	.49	.01	.02	1	1
12215	1	2	4	15	.1	6	2	92	1.15	4	5	ND	3	8	1	2	2	20	.26	.033	11	15	.09	20	.05	2	.76	.01	.02	1	3
12216	1	3	2	4	.1	2	1	31	.68	2	5	ND	2	5	1	2	2	15	.06	.013	9	11	.04	5	.04	2	.34	.01	.01	1	1
12217	1	1	3	8	.1	3	2	37	1.01	2	5	ND	2	5	1	2	2	19	.05	.012	8	11	.05	10	.04	2	.67	.01	.01	1	1
12218	1	4	7	8	.2	5	2	65	1.69	11	5	ND	2	9	1	2	2	17	.12	.009	8	10	.08	9	.03	3	.39	.01	.02	1	1
12219	1	4	5	3	.2	4	2	22	.69	2	5	ND	4	5	1	2	2	12	.05	.006	9	12	.05	9	.03	2	.60	.01	.02	1	1
12220	1	4	5	16	.1	6	1	76	.66	4	5	ND	1	9	1	2	2	12	.42	.013	7	10	.10	11	.03	3	.47	.01	.02	1	4
12221	1	8	3	17	.2	58	6	128	1.97	10	5	ND	4	7	1	2	2	20	.13	.021	12	62	.25	15	.04	3	1.10	.01	.02	1	1
12222	1	5	2	20	.1	43	5	127	1.35	5	5	ND	3	8	1	2	2	20	.11	.022	9	64	.21	25	.04	4	1.23	.01	.02	1	1
12223	1	4	2	15	.1	5	2	35	.71	3	5	ND	1	4	1	2	2	11	.05	.048	6	13	.08	9	.03	2	1.23	.01	.01	1	1
12224	1	4	2	17	.1	7	2	44	.79	2	5	ND	2	4	1	2	2	12	.06	.041	7	15	.09	13	.03	2	1.53	.01	.01	1	1
12225	1	4	2	12	.1	4	1	23	.61	2	5	ND	1	3	1	2	2	10	.03	.041	4	10	.05	8	.03	4	1.09	.01	.01	1	1
12226	1	3	2	4	.1	4	1	21	.45	3	5	ND	2	4	1	2	2	8	.04	.006	6	7	.04	6	.03	2	.43	.01	.01	1	1
12227	1	3	2	2	.1	1	1	10	.37	2	5	ND	2	3	1	2	2	13	.01	.008	6	4	.02	3	.04	2	.21	.01	.01	2	1
12228	1	4	2	2	.1	1	1	17	.43	2	5	ND	2	3	1	2	2	10	.02	.010	7	6	.03	5	.03	2	.31	.01	.02	1	1
12229	1	1	6	1	.1	2	1	13	.20	2	5	ND	1	3	1	2	2	6	.01	.001	6	4	.01	3	.02	2	.10	.01	.01	1	1
12230	1	4	2	5	.1	10	1	60	.69	2	5	ND	2	8	1	2	2	12	.28	.028	9	16	.15	11	.03	2	.39	.01	.01	1	4
12231	1	1	2	1	.1	1	1	10	.14	2	5	ND	2	3	1	2	2	4	.01	.001	8	2	.01	5	.01	2	.10	.01	.01	1	3
12232	1	1	2	5	.1	5	1	40	1.23	4	5	ND	5	5	1	2	2	31	.07	.006	12	16	.06	9	.06	2	.45	.01	.01	1	56
12233	1	1	6	6	.1	4	1	31	.94	2	5	ND	6	4	1	2	2	23	.03	.007	10	13	.05	6	.05	2	.66	.01	.02	1	1
12234	1	4	2	4	.1	5	2	26	.73	2	5	ND	2	3	1	2	2	12	.04	.010	8	17	.04	6	.03	2	.74	.01	.01	1	1
12235	1	4	3	5	.1	5	1	40	.63	2	5	ND	1	4	1	2	2	14	.05	.010	5	11	.04	7	.03	3	.50	.01	.01	1	2
12236	1	4	4	10	.1	7	2	129	.96	2	5	ND	1	5	1	2	2	14	.08	.018	7	14	.07	9	.03	2	.60	.01	.01	2	1
12237	1	6	7	20	.2	17	6	71	2.06	4	5	ND	5	8	1	2	2	29	.13	.017	12	32	.17	29	.07	4	1.70	.01	.04	1	1
12238	1	2	2	8	.2	23	3	75	.79	2	5	ND	3	5	1	2	2	14	.07	.014	10	20	.12	9	.03	5	.53	.01	.01	2	1
12239	1	4	3	5	.1	3	1	33	.61	2	5	ND	2	7	1	2	2	12	.25	.014	8	10	.06	9	.03	4	.50	.01	.01	1	1
12240	1	1	2	8	.1	6	2	48	1.03	2	5	ND	3	7	1	2	2	14	.16	.015	10	20	.12	11	.04	3	1.19	.01	.01	1	1
12241	1	3	6	5	.1	3	1	25	.53	2	5	ND	2	4	1	2	2	16	.02	.003	8	8	.03	5	.04	2	.25	.01	.01	1	1
12242	1	1	2	8	.4	5	3	59	1.46	3	5	ND	5	7	1	2	2	22	.10	.010	11	18	.09	12	.05	2	.75	.01	.01	1	1
12243	1	9	10	23	.3	9	3	407	.74	2	5	ND	1	14	1	2	2	13	.69	.023	11	18	.18	33	.02	2	.77	.01	.03	1	1
12244	1	2	2	33	.1	9	3	50	1.05	2	5	ND	2	5	1	2	2	16	.06	.035	5	18	.10	16	.04	2	1.87	.01	.01	2	1
STD C/AU-S	19	60	36	132	7.3	69	29	1037	4.04	41	18	7	38	51	18	18	20	58	.49	.086	38	60	.94	182	.06	33	1.90	.06	.13	13	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
12245	1	1	2	10	.1	10	3	64	1.03	2	5	ND	3	6	1	2	2	16	.11	.032	8	17	.11	14	.04	3	1.24	.01	.01	1	2
12246	1	3	2	24	.1	7	1	93	.73	2	5	ND	1	5	1	2	4	12	.09	.057	6	13	.08	15	.03	3	.87	.01	.01	1	1
12247	1	1	5	8	.1	8	2	63	.90	2	5	ND	1	4	1	2	2	15	.07	.027	6	15	.08	8	.04	2	1.07	.01	.01	1	2
12248	1	2	4	32	.2	8	4	133	1.66	4	5	ND	4	5	1	2	2	28	.07	.042	10	21	.11	25	.06	3	1.30	.01	.02	1	1
12249	1	3	5	24	.1	10	2	162	1.00	4	5	ND	4	5	1	2	2	17	.08	.048	10	19	.08	12	.03	3	.76	.01	.02	1	1
12250	1	5	2	25	.1	11	3	125	2.15	2	5	ND	6	6	1	2	2	38	.12	.082	13	29	.12	14	.06	4	1.63	.01	.02	1	1
19002	1	2	2	13	.3	12	3	65	1.39	4	5	ND	10	6	1	2	2	23	.11	.032	17	23	.13	17	.05	3	.95	.01	.03	1	20
19003	1	5	2	11	.1	14	3	111	1.03	4	5	ND	3	11	1	3	2	16	.23	.017	14	23	.19	25	.03	3	.78	.01	.04	1	1
19004	1	4	2	11	.1	23	5	65	1.47	4	5	ND	8	8	1	2	2	19	.15	.032	15	28	.17	25	.05	3	1.34	.01	.03	1	3
19005	1	4	2	14	.1	15	4	216	.87	2	5	ND	3	8	1	2	2	13	.13	.011	11	21	.17	20	.04	3	.54	.01	.01	1	23
19006	1	4	2	20	.1	14	4	228	1.04	4	5	ND	2	9	1	2	4	15	.20	.021	14	24	.21	21	.04	2	.67	.01	.02	1	6
STD C/AU-S	19	62	40	128	7.3	68	29	1062	4.01	40	18	8	38	50	18	16	22	55	.46	.084	38	56	.88	165	.06	31	1.88	.06	.13	13	49
19007	1	10	13	19	.1	18	4	93	3.23	7	5	ND	5	10	1	2	2	40	.15	.027	16	43	.14	32	.11	3	2.50	.01	.02	1	1
19008	1	4	3	7	.4	4	1	40	1.31	4	5	ND	4	4	1	2	2	26	.02	.014	11	13	.03	9	.06	2	.68	.01	.02	1	1
19009	1	1	7	26	.1	10	3	98	1.18	3	5	ND	7	7	1	2	2	20	.14	.059	18	23	.10	17	.04	2	.93	.01	.01	1	1
19010	1	1	5	8	.1	8	3	44	1.04	2	5	ND	2	5	1	2	3	14	.06	.021	8	16	.07	11	.04	2	1.29	.01	.01	1	2
19011	1	5	9	16	.1	7	3	75	1.94	2	5	ND	2	8	1	2	2	26	.10	.040	10	21	.10	20	.06	2	2.08	.01	.02	1	1
19012	1	3	7	30	.2	13	3	87	1.36	2	5	ND	4	8	1	2	2	21	.11	.051	11	23	.11	27	.04	2	1.56	.01	.01	1	1
19013	1	6	2	13	.1	16	4	67	1.25	2	5	ND	5	7	1	2	2	20	.11	.053	11	30	.13	17	.04	2	1.22	.01	.02	1	1
19014	1	3	2	27	.1	8	2	95	1.27	4	5	ND	5	7	1	2	2	22	.13	.071	14	21	.10	11	.04	3	1.01	.01	.01	1	1
19015	1	3	4	17	.1	14	4	70	1.46	2	5	ND	6	8	1	2	2	24	.14	.047	15	26	.14	15	.05	3	1.20	.01	.02	1	41
19016	1	5	4	19	.3	17	5	85	2.14	2	5	ND	12	8	1	2	2	35	.19	.049	20	36	.17	22	.07	4	1.30	.01	.03	2	1
19017	1	5	3	12	.2	16	5	66	2.17	6	5	ND	4	13	1	2	2	28	.33	.020	9	27	.17	30	.07	5	1.60	.01	.02	1	16
19018	1	1	6	5	.1	12	3	42	1.23	6	5	ND	3	4	1	2	2	16	.05	.016	7	24	.10	14	.04	7	1.62	.01	.02	1	1
19019	1	3	6	23	.2	9	3	77	1.35	4	5	ND	4	5	1	2	2	22	.07	.042	10	21	.09	21	.04	2	1.39	.01	.02	1	1
19020	1	2	2	27	.1	6	2	222	.87	4	5	ND	5	5	1	2	2	15	.07	.054	11	16	.08	13	.03	2	.71	.01	.02	1	1
19021	1	1	4	17	.1	10	3	85	1.25	4	5	ND	4	5	1	2	3	19	.08	.054	11	23	.10	13	.04	2	1.24	.01	.01	1	2
19022	1	1	2	7	.1	8	2	44	.84	2	5	ND	3	5	1	2	2	12	.06	.007	9	16	.11	13	.05	3	.70	.01	.02	1	1
19023	1	1	2	8	.1	11	3	68	.99	4	5	ND	11	9	1	2	2	18	.14	.019	27	19	.15	22	.05	2	.59	.01	.01	1	1
19024	1	4	4	16	.1	11	3	64	1.33	4	5	ND	4	6	1	2	2	20	.09	.036	10	22	.10	19	.05	2	1.66	.01	.02	1	1
19025	1	1	2	16	.1	11	3	96	1.21	2	5	ND	4	6	1	2	2	18	.08	.042	12	18	.10	19	.05	2	.92	.01	.01	1	1
19026	1	3	4	22	.1	13	4	84	1.34	2	5	ND	5	6	1	2	2	20	.08	.043	14	21	.11	22	.05	3	1.34	.01	.02	1	7
19027	1	1	4	23	.1	7	3	176	1.12	3	5	ND	6	7	1	2	2	19	.09	.076	13	18	.10	20	.04	2	.73	.01	.02	2	1
19028	1	2	4	20	.2	9	4	76	1.37	4	5	ND	5	6	1	2	2	22	.07	.025	11	18	.09	19	.05	2	1.20	.01	.02	1	6
19029	1	3	4	19	.3	8	4	77	2.01	3	5	ND	3	6	1	2	2	22	.06	.015	7	23	.13	11	.06	2	.74	.01	.02	1	5
19030	1	2	5	11	.1	10	3	117	.99	2	5	ND	10	8	1	2	2	18	.17	.052	23	22	.12	9	.04	2	.62	.01	.02	1	1
19031	1	1	2	26	.1	10	3	135	1.12	2	5	ND	6	6	1	2	2	19	.09	.041	14	21	.12	11	.04	2	.90	.01	.02	2	1

UMEX . PROJECT-M583 FILE # 87-5905

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
19032	1	1	8	28	.1	9	3	123	1.25	2	5	ND	4	8	1	2	2	20	.14	.041	12	19	.12	16	.05	2	.95	.01	.01	1	1
19033	1	1	2	13	.1	9	3	79	1.33	2	5	ND	7	8	1	2	2	22	.13	.046	17	22	.10	13	.05	2	.89	.01	.01	1	2
19034	1	9	6	11	.1	25	5	100	1.68	3	5	ND	3	10	1	2	2	18	.19	.036	12	34	.20	31	.05	2	1.60	.01	.02	1	1
19035	1	9	5	14	.1	26	5	96	1.40	3	5	ND	6	12	1	2	2	19	.23	.032	14	30	.24	46	.06	2	1.33	.01	.05	1	1
19036	1	5	2	13	.1	18	4	117	.93	2	5	ND	4	13	1	2	2	14	.25	.028	13	22	.21	32	.05	2	.85	.01	.04	1	1
19037	1	2	3	8	.2	15	3	60	.77	4	5	ND	5	11	1	2	2	13	.19	.019	12	19	.17	24	.05	2	.67	.01	.03	1	1
19038	1	7	6	15	.1	10	3	93	1.90	2	5	ND	6	8	1	2	2	26	.11	.014	12	29	.17	16	.08	13	.93	.01	.02	1	1
19039	1	5	5	19	.1	10	5	83	2.71	2	5	ND	10	9	1	2	2	38	.14	.026	22	36	.15	23	.09	4	1.39	.01	.03	1	73
19040	1	9	5	20	.1	15	5	68	2.75	3	5	ND	5	8	1	2	2	32	.12	.040	14	34	.13	25	.08	3	2.26	.01	.03	1	1
19041	1	6	4	26	.1	14	4	110	1.91	3	5	ND	5	8	1	2	2	25	.14	.018	11	32	.14	17	.06	3	1.01	.01	.02	1	1
19042	1	10	2	12	.1	13	4	91	1.01	2	5	ND	5	12	1	2	2	17	.26	.014	13	38	.26	21	.05	2	.67	.01	.02	1	1
19043	1	2	5	4	.3	8	2	34	1.07	2	5	ND	3	5	1	2	2	14	.06	.014	6	17	.09	10	.04	2	1.80	.01	.02	1	1
19044	1	1	3	4	.1	4	1	26	.93	3	5	ND	2	4	1	2	2	15	.04	.011	6	11	.05	8	.04	2	.82	.01	.02	1	1
19045	1	1	11	2	.1	3	1	25	1.01	2	5	ND	4	5	1	2	2	17	.03	.014	9	13	.03	11	.04	6	1.66	.01	.02	1	1
19046	1	1	4	1	.1	2	1	24	.25	2	5	ND	3	5	1	2	2	11	.04	.005	8	6	.04	6	.05	2	.24	.01	.02	1	1
19047	1	1	2	8	.1	9	2	91	1.43	2	5	ND	3	8	1	2	2	18	.11	.021	10	16	.09	16	.05	2	1.05	.01	.03	1	1
19048	1	4	6	9	.1	12	2	58	.83	2	5	ND	6	9	1	2	2	15	.12	.013	11	18	.14	17	.05	3	.75	.01	.03	1	2
19049	1	1	3	4	.1	4	2	139	.69	2	5	ND	8	8	1	2	2	15	.06	.008	17	9	.05	20	.04	2	.41	.01	.03	1	1
19050	1	1	8	7	.1	3	1	130	.93	2	5	ND	4	5	1	2	2	19	.03	.011	14	13	.04	14	.06	2	.45	.01	.02	1	1
19151	1	5	8	31	.2	16	3	181	1.64	4	5	ND	6	8	1	2	2	24	.09	.048	15	32	.11	31	.06	2	1.49	.01	.04	1	1
19152	1	3	2	5	.1	1	1	263	.23	2	5	ND	4	5	1	2	2	6	.03	.008	13	4	.02	9	.02	2	.22	.01	.01	1	1
19153	1	1	6	22	.1	4	1	248	.86	2	5	ND	4	5	1	2	2	15	.04	.033	11	11	.04	13	.04	2	.73	.01	.01	1	1
19154	1	2	12	22	.3	4	2	79	1.46	3	5	ND	7	6	1	2	2	22	.07	.061	11	20	.08	11	.05	2	1.19	.01	.03	1	1
19155	1	2	8	10	.1	2	1	77	.73	2	5	ND	4	5	1	2	2	16	.03	.023	11	10	.04	12	.04	4	.58	.01	.03	1	2
19156	1	3	5	20	.1	12	4	98	1.56	2	5	ND	9	8	1	2	2	25	.16	.064	19	28	.13	14	.05	7	1.27	.01	.02	1	1
19157	1	7	6	12	.1	15	4	231	1.10	5	5	ND	3	9	1	3	2	14	.14	.035	9	22	.16	26	.04	2	.88	.01	.02	1	1
19158	1	3	7	8	.2	4	1	66	.78	2	5	ND	5	6	1	2	2	14	.05	.014	13	14	.05	15	.04	3	.60	.01	.03	1	1
19159	1	1	10	10	.1	4	2	43	.84	2	5	ND	5	7	1	2	2	14	.06	.008	14	12	.07	15	.04	2	.67	.01	.03	1	1
19160	1	6	6	19	.1	12	4	203	2.25	2	5	ND	6	8	1	2	2	26	.10	.027	17	30	.14	28	.07	2	1.30	.01	.03	1	1
19161	1	4	5	19	.4	6	3	86	1.73	3	5	ND	4	6	1	2	2	25	.07	.035	12	21	.07	17	.05	3	1.17	.01	.03	1	1
19162	1	6	11	13	.3	9	2	74	1.95	4	5	ND	6	8	1	2	2	31	.06	.018	14	24	.09	24	.07	3	.90	.01	.04	1	2
19163	1	5	4	10	.1	16	4	143	.89	2	5	ND	4	11	1	2	2	13	.21	.036	12	24	.18	21	.04	3	.75	.01	.04	1	1
19164	1	1	9	15	.2	11	3	61	.82	2	5	ND	3	12	1	2	2	15	.13	.010	13	18	.15	30	.04	2	.87	.01	.04	1	2
19165	1	4	6	18	.1	14	4	145	1.01	2	5	ND	3	13	1	2	2	17	.32	.023	20	26	.21	28	.04	4	.91	.01	.03	1	1
19166	1	6	5	37	.3	21	4	195	1.46	2	5	ND	2	18	1	2	2	23	.86	.082	15	53	.50	36	.06	3	1.30	.01	.05	1	1
19167	1	1	12	7	.2	3	1	32	.97	2	5	ND	3	7	1	2	2	19	.07	.007	9	12	.05	11	.05	2	.72	.01	.02	1	1
STD C/AU-S	18	58	38	127	7.0	68	28	1022	4.07	40	22	7	36	50	18	18	19	56	.46	.082	37	59	.87	171	.06	37	1.89	.06	.14	11	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
19168	1	1	2	3	.1	4	1	24	.36	2	5	ND	6	8	1	2	2	16	.12	.004	14	9	.06	10	.07	3	.30	.01	.01	1	1
19169	1	1	6	6	.1	1	2	38	1.65	4	5	ND	11	4	1	2	2	37	.05	.011	21	27	.04	7	.07	2	.46	.01	.01	1	1
19170	1	1	2	8	.1	9	3	115	.84	2	5	ND	4	7	1	2	2	15	.17	.046	12	16	.09	8	.04	5	.63	.01	.01	1	1
19171	1	1	5	17	.1	6	3	105	1.06	3	5	ND	5	6	1	2	2	18	.08	.022	11	16	.08	14	.05	3	.55	.01	.02	1	1
19172	1	1	2	17	.1	80	7	151	1.05	2	5	ND	3	6	1	2	4	20	.06	.011	10	238	.61	17	.02	2	.62	.01	.01	1	1
19173	1	3	4	38	.1	14	4	84	1.84	2	5	ND	4	5	1	3	2	29	.07	.045	13	42	.12	20	.06	2	1.92	.01	.02	1	1
19174	1	1	2	7	.1	2	1	41	.26	3	5	ND	3	3	1	2	2	6	.03	.007	11	5	.01	4	.02	2	.18	.01	.02	1	1
19175	1	6	8	19	.1	6	3	63	2.05	4	5	ND	5	5	1	2	2	29	.07	.020	15	21	.11	15	.07	5	1.53	.01	.03	1	1
19176	1	2	3	4	.1	1	1	22	.72	2	5	ND	5	4	1	2	2	15	.03	.012	16	9	.02	8	.04	4	.34	.01	.01	1	20
19177	1	3	4	19	.4	21	4	85	1.35	4	5	ND	5	5	1	2	2	22	.09	.049	12	35	.12	19	.05	2	1.33	.01	.03	1	1
19178	1	4	6	19	.2	13	4	109	2.03	2	5	ND	5	6	1	2	2	31	.08	.065	12	31	.10	23	.06	2	1.82	.01	.03	1	1
19179	1	1	5	7	.1	10	4	84	.84	2	5	ND	7	7	1	2	2	16	.15	.039	16	18	.13	16	.04	2	.71	.01	.02	1	1
19180	1	1	3	1	.1	1	1	13	.20	2	5	ND	3	3	1	2	2	5	.02	.006	13	4	.01	4	.02	4	.11	.01	.01	1	14
19181	1	1	2	1	.2	2	1	47	.31	3	5	ND	4	3	1	2	2	7	.02	.004	12	7	.01	4	.02	2	.10	.01	.01	1	4
19182	1	1	6	6	.1	1	1	75	.89	2	5	ND	2	4	1	2	2	15	.04	.020	12	11	.04	14	.04	4	.47	.01	.01	1	1
19183	1	1	2	2	.1	1	1	113	.22	3	5	ND	2	3	1	2	2	5	.02	.007	9	2	.01	6	.02	4	.15	.01	.01	1	1
19184	1	1	5	11	.3	5	2	79	1.27	3	5	ND	3	5	1	2	2	23	.06	.037	9	16	.07	15	.05	3	1.09	.01	.01	1	4
19185	1	1	5	6	.3	5	2	58	1.40	3	5	ND	7	6	1	2	2	24	.10	.030	16	20	.08	8	.05	3	.68	.01	.01	1	1
19186	1	4	9	15	.3	15	5	247	1.71	4	5	ND	6	13	1	2	2	30	.31	.033	25	28	.19	32	.05	5	1.10	.01	.04	1	14
19187	1	1	7	10	.3	7	3	63	1.97	3	5	ND	6	7	1	2	2	29	.09	.017	14	26	.09	16	.06	3	1.02	.01	.02	1	1
19188	1	1	6	9	.2	4	2	103	.97	3	5	ND	6	5	1	2	2	15	.05	.020	14	12	.06	18	.04	2	.61	.01	.02	1	1
19189	1	3	6	26	.2	16	4	113	1.88	5	5	ND	5	7	1	2	2	28	.09	.043	17	33	.13	22	.06	3	1.32	.01	.04	1	38
19190	1	1	4	18	.2	7	3	113	1.33	3	5	ND	5	6	1	2	2	22	.08	.028	12	17	.08	18	.05	2	.83	.01	.03	1	16
19191	1	4	5	26	.1	11	3	189	.99	2	5	ND	1	13	1	2	2	16	.40	.039	14	24	.25	32	.04	2	.74	.01	.04	1	1
19192	1	10	2	46	.2	21	7	294	1.46	4	5	ND	2	17	1	2	3	23	.53	.045	17	38	.38	37	.04	3	1.08	.01	.04	2	4
19193	1	6	2	18	.1	9	3	170	.70	5	5	ND	2	13	1	2	2	12	.53	.037	13	17	.16	25	.02	5	.52	.01	.02	1	5
19194	1	6	4	23	.2	6	2	137	1.11	2	5	ND	1	16	1	2	2	20	.53	.044	12	21	.14	31	.03	3	.82	.01	.02	1	1
19195	1	3	5	18	.1	10	3	118	.88	3	5	ND	7	8	1	2	2	18	.20	.019	21	23	.23	13	.05	4	.51	.01	.02	1	1
19196	1	2	5	9	.1	2	1	29	.66	4	5	ND	3	4	1	2	2	14	.06	.007	10	11	.04	7	.03	2	.27	.01	.01	1	1
19197	1	5	9	18	.3	8	3	191	.98	2	5	ND	3	9	1	2	2	18	.33	.031	10	19	.15	17	.04	2	.63	.01	.04	2	2
19198	1	4	4	16	.1	8	3	134	1.12	3	5	ND	1	7	1	2	2	19	.17	.026	9	18	.12	17	.04	4	.74	.01	.02	1	1
19199	1	2	6	18	.3	5	2	41	1.34	2	5	ND	4	7	1	2	2	22	.06	.012	11	15	.07	22	.06	2	1.00	.01	.03	1	1
19200	1	5	2	30	.1	7	3	97	1.93	3	5	ND	6	6	1	2	2	31	.05	.012	15	25	.09	20	.08	2	.78	.01	.01	1	1
19201	1	1	8	7	.1	3	1	46	.65	3	5	ND	5	3	1	2	2	15	.01	.011	13	11	.03	9	.04	2	.21	.01	.01	1	1
19202	1	2	6	10	.1	3	1	67	.84	2	5	ND	2	4	1	2	2	15	.02	.020	10	12	.03	7	.03	3	.45	.01	.01	2	1
19203	1	1	6	10	.1	3	1	70	1.18	7	5	ND	5	4	1	5	2	19	.03	.032	11	12	.04	7	.04	3	.54	.01	.02	1	1
STD C/AU-S	19	59	41	132	7.3	68	29	1048	3.94	43	21	8	40	51	18	18	20	58	.48	.086	38	61	.88	178	.06	35	1.90	.06	.15	13	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
19204	1	1	10	21	.1	6	3	156	1.56	3	5	ND	2	5	1	2	2	27	.06	.047	9	18	.07	16	.06	2	.80	.01	.02	1	1
19205	1	4	7	19	.1	9	3	73	1.49	3	5	ND	2	4	1	2	2	24	.07	.038	10	23	.09	15	.04	4	1.25	.01	.02	1	1
19206	1	3	6	13	.1	2	2	109	.87	2	5	ND	5	4	1	2	2	16	.04	.027	15	14	.05	10	.03	2	.50	.01	.02	1	1
19207	1	3	6	19	.1	12	3	90	1.60	4	5	ND	8	6	1	2	2	25	.13	.049	18	25	.11	17	.05	3	1.04	.01	.03	1	1
19208	1	1	5	30	.1	6	2	191	.82	2	5	ND	3	4	1	2	2	15	.05	.038	10	16	.05	15	.04	3	.52	.01	.01	1	2
19209	1	3	6	13	.1	3	1	167	.58	2	5	ND	3	4	1	2	2	11	.06	.036	9	10	.04	8	.03	2	.37	.01	.02	1	1
19210	1	2	4	2	.1	1	1	84	.18	2	5	ND	1	3	1	2	2	4	.02	.011	8	2	.01	6	.01	2	.15	.01	.01	1	1
19211	1	3	5	3	.1	2	1	39	.39	2	5	ND	2	4	1	2	2	8	.04	.010	8	8	.02	13	.02	2	.15	.01	.02	1	1
19212	1	1	8	2	.1	5	2	32	.99	2	5	ND	4	5	1	2	2	25	.04	.009	11	16	.04	13	.06	3	.38	.01	.02	1	1
19213	1	4	9	11	.1	14	3	68	1.21	2	5	ND	3	6	1	2	2	19	.08	.021	11	21	.12	22	.05	2	.77	.01	.03	1	1
19214	1	1	2	3	.1	2	1	179	.90	2	5	ND	3	4	1	2	2	21	.03	.015	11	13	.03	13	.05	3	.29	.01	.02	1	1
19215	1	5	5	7	.1	8	2	59	1.34	9	5	ND	2	5	1	2	2	23	.06	.017	13	16	.07	18	.05	4	.45	.01	.02	1	1
19216	1	4	7	21	.1	18	4	130	.97	2	5	ND	3	8	1	2	2	14	.15	.028	11	21	.17	25	.04	7	.80	.01	.03	1	1
19217	1	3	3	16	.1	14	3	68	1.46	4	5	ND	3	7	1	2	2	18	.11	.027	16	21	.14	22	.05	4	1.22	.01	.03	1	1
19218	1	3	9	12	.1	9	3	58	1.37	4	5	ND	3	6	1	2	2	19	.10	.026	15	20	.11	17	.05	3	.83	.01	.02	2	1
19219	1	5	4	21	.1	14	4	79	2.43	3	5	ND	4	7	1	2	2	30	.12	.043	16	35	.13	22	.06	6	1.65	.01	.02	1	1
19220	1	5	10	13	.1	13	3	67	1.89	5	5	ND	7	7	1	4	2	29	.12	.034	19	30	.12	20	.06	2	1.17	.01	.01	1	26
19221	1	1	4	32	.1	7	2	230	.85	2	5	ND	2	5	1	2	2	13	.08	.044	11	16	.08	21	.03	2	.55	.01	.02	1	1
19222	1	1	10	41	.1	4	2	116	1.13	2	5	ND	3	6	1	2	2	16	.08	.123	11	14	.08	29	.04	5	.95	.01	.02	1	1
19223	1	3	5	25	.1	6	3	143	1.54	2	5	ND	7	6	1	2	2	25	.06	.053	17	20	.08	25	.05	4	.80	.01	.02	1	1
19224	1	5	8	41	.1	12	4	116	1.58	3	5	ND	5	8	1	2	2	25	.11	.081	15	25	.12	36	.05	2	1.20	.01	.01	1	1
19225	1	3	11	28	.1	8	3	80	1.43	3	5	ND	4	5	1	2	2	23	.06	.063	11	20	.08	30	.05	2	1.29	.01	.02	1	1
19226	1	8	5	32	.1	17	5	265	1.93	5	5	ND	1	5	1	2	2	16	.05	.041	10	21	.10	27	.04	2	1.20	.01	.02	1	8
19227	1	1	6	8	.1	5	2	44	.82	2	5	ND	3	4	1	2	2	15	.03	.012	10	15	.05	15	.04	2	.57	.01	.01	1	1
19228	1	5	9	24	.1	10	4	92	1.91	5	5	ND	4	5	1	2	2	30	.07	.042	14	25	.11	32	.06	2	1.22	.01	.03	1	1
19229	1	1	8	22	.1	10	3	120	1.20	4	5	ND	5	6	1	2	2	20	.12	.064	13	22	.11	15	.04	3	1.01	.01	.02	1	1
19230	1	5	12	14	.1	13	4	74	1.68	3	5	ND	6	7	1	2	2	25	.08	.031	15	26	.13	29	.06	4	1.53	.01	.02	1	1
19231	1	4	4	13	.1	13	4	53	1.33	3	5	ND	4	8	1	2	2	21	.08	.023	13	24	.09	34	.05	2	1.91	.01	.03	1	1
19232	1	4	4	16	.1	15	4	204	1.54	6	5	ND	8	7	1	3	2	22	.13	.058	18	28	.14	22	.04	2	1.07	.01	.03	2	1
19233	1	5	11	30	.1	21	6	96	1.72	2	5	ND	5	7	1	2	2	25	.09	.058	13	32	.16	36	.05	5	1.86	.01	.04	1	34
19234	1	5	4	25	.1	21	5	93	1.49	4	5	ND	4	6	1	2	2	22	.07	.043	11	28	.14	29	.05	2	1.35	.01	.04	1	3
19235	1	3	4	13	.1	3	2	131	.76	2	5	ND	3	4	1	2	2	13	.04	.058	9	13	.05	12	.03	3	.46	.01	.02	1	1
19236	1	1	2	10	.1	6	3	49	1.08	3	5	ND	2	4	1	2	2	18	.06	.044	9	18	.08	11	.04	2	.77	.01	.01	1	1
19237	1	2	8	9	.1	6	2	52	1.08	2	5	ND	5	5	1	2	2	17	.05	.021	12	15	.07	19	.04	2	.63	.01	.03	1	1
19238	1	5	8	13	.1	21	5	73	1.77	8	5	ND	4	7	1	2	2	25	.09	.028	12	27	.13	39	.06	4	1.23	.01	.03	1	1
19239	1	9	7	22	.1	22	6	91	2.05	3	5	ND	4	6	1	2	2	30	.07	.019	12	33	.29	39	.08	4	1.44	.01	.04	1	1
STD C/AU-S	19	59	45	133	7.2	72	31	1059	3.92	42	18	8	39	52	19	16	20	59	.48	.090	39	56	.92	180	.07	37	1.85	.06	.14	12	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
19240	1	4	8	11	.1	18	5	76	2.44	2	5	ND	3	7	1	2	2	32	.09	.020	10	30	.14	35	.09	5	1.64	.01	.03	1	1
19241	1	1	8	10	.1	10	3	54	.97	2	5	ND	4	8	1	2	2	15	.16	.034	12	19	.15	17	.05	3	.96	.01	.02	1	1
19242	1	3	10	14	.1	12	3	74	1.57	2	5	ND	6	9	1	2	2	22	.14	.023	14	23	.16	21	.07	3	.82	.01	.03	1	1
19243	1	1	6	17	.1	8	3	102	.95	2	5	ND	4	8	1	2	2	16	.10	.015	13	17	.12	22	.05	4	.95	.01	.03	1	2
19244	1	1	7	16	.1	15	4	108	1.16	2	5	ND	4	8	1	2	2	16	.13	.026	14	22	.14	25	.05	3	.99	.01	.02	1	1
19245	1	4	12	20	.1	14	5	76	2.01	2	5	ND	5	13	1	3	2	26	.18	.031	16	25	.14	34	.07	5	1.27	.01	.03	1	1
19246	1	3	4	12	.1	13	3	77	1.03	2	5	ND	3	10	1	2	2	14	.16	.037	12	22	.14	32	.04	4	.90	.01	.01	1	8
19247	1	4	10	14	.1	22	6	74	1.99	2	5	ND	5	7	1	2	2	28	.11	.029	15	29	.15	31	.07	2	1.29	.01	.02	1	1
19248	1	8	13	24	.1	31	8	78	1.98	3	5	ND	6	9	1	2	2	25	.14	.043	16	35	.18	27	.06	3	1.65	.01	.03	1	9
19249	1	8	8	44	.2	15	6	632	3.38	3	5	ND	1	7	1	2	2	24	.09	.052	10	27	.13	27	.05	2	1.57	.01	.03	2	1
19250	1	3	7	14	.1	18	4	104	1.41	2	5	ND	5	8	1	2	2	19	.10	.020	14	25	.13	41	.06	2	1.17	.01	.02	1	1
19251	1	3	11	21	.1	22	6	114	2.55	6	5	ND	9	8	1	2	2	36	.13	.039	23	39	.18	27	.08	4	1.50	.01	.03	1	2
19252	1	4	12	19	.1	16	5	98	2.26	2	5	ND	4	9	1	2	2	36	.13	.042	16	30	.14	39	.07	3	1.43	.01	.02	2	1
19253	1	4	10	20	.3	22	5	96	1.69	5	5	ND	4	7	1	2	2	25	.11	.032	11	30	.17	38	.06	2	1.67	.01	.03	1	1
19254	1	4	8	20	.1	24	6	96	1.90	5	5	ND	6	8	1	2	2	26	.13	.036	16	34	.19	36	.07	3	1.92	.01	.03	1	23
19255	1	3	7	35	.1	19	5	94	1.52	3	5	ND	6	7	1	2	2	21	.10	.031	14	28	.16	39	.06	2	1.52	.01	.02	1	1
19256	1	2	4	13	.1	7	2	51	.68	2	5	ND	4	5	1	2	2	13	.06	.022	10	13	.05	18	.03	3	.57	.01	.01	1	1
19257	1	3	9	32	.2	9	4	81	1.76	2	5	ND	4	6	1	2	2	30	.09	.082	12	27	.10	22	.06	4	1.67	.01	.02	1	1
19258	1	3	15	33	.2	15	5	87	1.74	2	5	ND	4	7	1	2	2	28	.09	.066	10	27	.13	47	.06	3	1.58	.01	.03	2	2
19259	1	3	8	20	.1	21	5	70	1.32	2	5	ND	3	8	1	2	2	20	.11	.033	12	25	.15	46	.05	2	1.40	.01	.02	1	1
19260	1	4	11	17	.1	14	4	64	2.61	2	5	ND	7	9	1	2	2	39	.12	.033	18	34	.12	28	.07	3	1.69	.01	.02	1	1
19261	1	7	10	23	.2	18	5	91	2.12	2	5	ND	4	9	1	2	2	30	.15	.026	13	32	.17	44	.07	3	1.41	.01	.03	1	1
19262	1	3	12	14	.1	27	6	71	1.50	2	5	ND	4	7	1	2	2	21	.12	.044	12	30	.16	37	.05	2	1.58	.01	.03	1	22
19263	1	4	10	12	.2	16	3	66	1.67	2	5	ND	5	7	1	2	2	26	.12	.039	12	24	.13	21	.06	4	1.56	.01	.03	1	1
19264	1	1	6	7	.1	5	2	44	1.45	2	5	ND	2	7	1	2	2	25	.07	.013	11	16	.08	23	.07	6	1.06	.01	.02	1	3
19265	1	1	8	7	.2	6	2	44	1.51	2	5	ND	3	6	1	2	2	22	.08	.024	9	21	.09	9	.06	4	.98	.01	.01	1	1
19266	1	4	5	14	.1	17	5	82	1.94	2	5	ND	6	9	1	2	2	28	.14	.029	20	31	.16	22	.06	4	1.05	.01	.02	1	1
19267	1	2	9	15	.1	13	5	93	1.87	2	7	ND	7	9	1	2	2	26	.15	.035	18	29	.15	21	.06	2	1.00	.01	.03	1	15
19268	1	3	6	12	.3	18	5	80	1.59	4	5	ND	6	9	1	2	2	23	.15	.035	19	25	.16	27	.06	2	1.16	.01	.02	1	81
19269	1	1	6	9	.1	5	3	68	1.03	2	5	ND	3	6	1	2	2	16	.09	.027	11	16	.09	14	.04	2	.69	.01	.01	1	9
19270	1	3	4	12	.1	19	6	77	1.67	2	5	ND	6	9	1	2	2	22	.16	.038	17	27	.17	25	.06	2	1.29	.01	.02	1	1
19271	1	4	6	13	.2	16	5	91	2.17	4	5	ND	8	9	1	2	2	31	.11	.025	19	26	.17	28	.07	6	1.62	.01	.03	1	1
19272	1	4	11	15	.2	20	6	74	2.00	2	5	ND	5	9	1	2	2	26	.13	.032	14	31	.18	27	.06	3	1.60	.01	.03	1	18
19273	1	4	10	16	.2	13	4	71	1.91	2	5	ND	4	8	1	2	2	26	.09	.028	12	26	.13	27	.07	3	1.36	.01	.03	1	1
19274	1	4	2	15	.2	23	6	79	1.80	2	5	ND	5	9	1	2	2	26	.12	.034	14	30	.17	33	.07	4	1.71	.01	.03	1	133
19275	1	5	10	13	.1	19	6	74	2.30	4	5	ND	7	8	1	2	2	34	.11	.038	18	38	.15	34	.07	4	1.39	.01	.01	1	1
STD C/AU-S	19	59	42	133	7.2	71	29	1070	4.08	43	24	8	39	53	19	18	20	59	.49	.088	39	61	.90	180	.07	36	1.95	.06	.14	11	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
19276	1	4	5	8	.1	17	5	69	1.01	4	5	ND	3	8	1	2	2	13	.15	.031	10	21	.14	22	.04	2	.85	.01	.02	1	1
19277	1	3	6	9	.1	13	3	311	1.05	5	5	ND	7	8	1	2	2	18	.17	.034	17	23	.17	20	.04	2	.66	.01	.02	1	1
19278	1	3	5	11	.1	20	4	102	1.21	2	5	ND	7	8	1	2	2	18	.15	.024	16	22	.18	36	.05	2	1.02	.01	.03	1	1
19279	1	5	10	13	.1	14	5	98	1.80	4	5	ND	6	7	1	2	2	27	.16	.052	20	30	.16	27	.06	2	1.56	.01	.01	2	1
19280	1	4	6	15	.1	11	3	59	1.37	2	5	ND	6	7	1	2	2	22	.13	.034	14	22	.13	19	.05	3	1.10	.01	.01	1	1
19281	1	11	18	23	.1	24	7	96	3.40	3	5	ND	5	8	1	2	2	51	.12	.040	15	49	.19	34	.11	2	1.91	.01	.02	1	1
19282	1	3	2	8	.2	13	4	120	.87	4	5	ND	5	12	1	2	2	13	.19	.037	15	22	.17	24	.04	2	.71	.01	.03	1	1
19283	1	1	7	11	.1	8	2	117	.72	2	5	ND	3	6	1	2	2	12	.09	.026	11	14	.08	18	.03	2	.59	.01	.02	1	5
19284	1	4	10	18	.1	12	3	89	1.54	2	5	ND	4	7	1	2	2	20	.09	.027	12	25	.12	46	.06	2	1.35	.01	.02	1	2
19285	1	3	7	10	.1	10	3	57	1.53	4	5	ND	4	8	1	2	2	23	.13	.041	13	21	.12	21	.06	2	1.48	.01	.02	1	1
19286	1	1	2	6	.1	5	2	45	1.28	5	5	ND	3	6	1	2	2	17	.09	.019	10	16	.10	11	.05	2	.69	.01	.01	1	1
19287	1	5	8	10	.1	7	3	59	1.68	4	5	ND	2	8	1	2	2	25	.12	.022	9	21	.14	17	.07	2	.81	.01	.03	1	1
19288	1	1	8	18	.1	7	2	60	1.57	2	5	ND	5	7	1	2	2	26	.10	.038	11	19	.10	23	.06	2	1.27	.01	.02	1	3
19289	1	1	3	20	.1	8	4	54	1.65	2	5	ND	3	6	1	2	2	22	.08	.030	10	24	.11	23	.06	4	2.14	.01	.02	1	1
19290	1	2	3	4	.1	2	1	29	.83	3	5	ND	2	4	1	2	2	19	.03	.008	7	13	.03	8	.04	2	.59	.01	.01	1	1
19291	1	7	6	15	.1	22	5	79	1.27	3	5	ND	7	10	1	2	2	19	.21	.043	20	25	.23	26	.05	2	.93	.01	.01	1	1
19292	1	3	4	10	.1	9	2	61	.76	2	5	ND	4	8	1	2	2	14	.15	.023	13	17	.15	14	.05	2	.54	.01	.01	1	1
19293	1	1	8	9	.1	10	3	77	.64	2	5	ND	9	10	1	2	2	11	.22	.044	22	13	.15	14	.04	2	.47	.01	.02	1	1
19294	1	4	4	9	.2	8	2	86	.74	3	5	ND	6	10	1	2	2	14	.24	.047	18	17	.15	13	.04	3	.40	.01	.02	1	1
19295	1	4	6	9	.2	8	2	98	.79	3	5	ND	5	10	1	2	2	14	.27	.045	16	18	.19	15	.04	2	.46	.01	.02	1	29
19296	1	6	2	8	.1	8	3	72	.70	2	5	ND	3	8	1	2	3	12	.20	.033	12	14	.14	17	.03	2	.49	.01	.01	1	1
19297	1	1	2	7	.2	8	3	49	.75	3	5	ND	5	9	1	2	2	13	.18	.026	13	15	.12	13	.04	2	.75	.01	.02	1	1
19298	1	4	6	15	.1	17	4	88	1.00	2	5	ND	5	10	1	2	2	16	.21	.021	20	25	.22	25	.05	2	.78	.01	.02	1	1
19299	1	8	2	14	.1	14	3	90	1.19	3	5	ND	13	12	1	2	2	20	.30	.060	29	26	.19	13	.04	2	.46	.01	.03	1	87
19300	1	2	4	6	.1	9	4	53	.69	3	5	ND	3	7	1	2	2	11	.13	.034	10	15	.12	7	.03	4	.61	.01	.01	2	3
19301	1	6	5	6	.4	4	2	53	1.88	5	5	ND	7	5	1	2	2	25	.04	.010	11	18	.09	8	.07	2	.55	.01	.02	1	1
STD C/AU-S	19	60	37	128	7.0	69	28	1031	4.12	38	17	8	38	50	18	16	23	58	.45	.088	38	61	.85	167	.06	39	1.90	.06	.14	15	48
19302	1	3	5	15	.3	6	3	61	.97	5	5	ND	4	5	1	2	2	15	.07	.030	8	16	.08	14	.04	2	.98	.01	.03	1	1
19303	1	1	6	8	.1	6	2	49	1.24	3	5	ND	3	6	1	2	2	18	.08	.026	9	15	.09	16	.03	2	.95	.01	.01	1	1
19304	1	7	3	13	.3	9	3	95	.95	5	5	ND	9	11	1	2	3	17	.29	.029	29	22	.17	17	.04	2	.65	.01	.03	1	4
19305	1	5	7	16	.1	11	3	82	.96	2	5	ND	8	9	1	2	2	21	.16	.023	18	19	.19	18	.05	3	.70	.01	.02	1	1
19306	1	1	4	14	.1	9	2	114	.96	2	5	ND	4	8	1	2	2	15	.11	.016	12	15	.14	19	.05	2	.76	.01	.02	1	1
19307	1	4	4	11	.1	6	2	88	1.41	2	5	ND	4	6	1	2	2	25	.07	.028	12	18	.08	21	.06	2	1.09	.01	.02	1	1
19308	1	1	4	21	.2	6	3	67	1.05	5	5	ND	6	6	1	2	2	18	.08	.036	12	18	.09	12	.04	12	.89	.01	.02	2	1
19309	1	6	10	14	.1	10	3	50	1.14	2	5	ND	5	10	1	2	2	20	.09	.026	12	18	.11	19	.06	2	2.21	.01	.03	1	1
19310	1	2	2	13	.3	5	2	60	1.63	6	5	ND	9	6	1	3	2	35	.05	.007	13	21	.11	19	.07	3	.82	.01	.02	2	1
19311	1	1	2	14	.2	4	2	62	1.23	2	5	ND	6	5	1	2	2	23	.04	.011	12	16	.06	12	.06	2	.76	.01	.03	1	1

UMEX INC. PROJECT-M583 FILE # 87-5905

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM		AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB
19312	1	5	5	7	.1	3	1	36	.87	2	5	ND	1	6	1	2	2	18	.07	.011	5	14	.08	9	.05	3	.62	.01	.01	1	1
19313	1	1	4	6	.1	5	1	45	.48	2	5	ND	1	8	1	2	2	8	.21	.023	8	10	.11	9	.03	2	.32	.01	.01	1	1
19314	1	2	3	4	.1	5	1	28	.47	2	5	ND	3	7	1	2	2	11	.11	.004	11	10	.05	10	.04	2	.49	.01	.01	1	1
19315	1	4	6	13	.1	3	1	231	.40	2	5	ND	1	22	1	2	2	7	1.93	.028	5	7	.14	19	.02	14	.33	.01	.02	1	1
19316	1	3	9	15	.1	2	1	241	.40	2	5	ND	1	28	1	2	2	10	2.55	.034	4	6	.18	20	.02	10	.30	.01	.01	1	5
19317	1	7	17	22	.1	3	1	214	.65	2	5	ND	1	22	1	2	2	12	1.88	.035	7	8	.17	16	.03	8	.41	.01	.01	1	12
19318	1	10	22	22	.1	4	1	1454	.88	2	5	ND	1	22	1	2	2	21	1.79	.032	4	11	.16	37	.04	12	.46	.01	.02	1	5
19319	1	1	2	7	.1	2	1	36	.45	2	5	ND	2	5	1	2	2	9	.06	.010	11	9	.03	8	.03	2	.33	.01	.01	1	1
19320	1	6	7	11	.1	10	1	595	.34	2	5	ND	1	41	1	2	2	5	2.93	.044	4	4	.20	30	.01	6	.26	.01	.02	1	4
19321	2	20	41	466	.2	16	5	797	1.77	69	5	ND	1	24	1	2	2	25	1.17	.062	10	19	.23	45	.05	7	.96	.01	.07	1	166
19322	1	39	14	69	.1	17	2	448	.37	8	5	ND	1	65	1	2	2	6	4.01	.080	15	12	.25	42	.01	10	.56	.01	.03	1	1
19323	1	7	9	44	.1	16	2	675	.59	3	5	ND	1	18	1	2	2	8	1.11	.036	6	9	.12	22	.02	6	.34	.01	.02	1	1
19324	1	8	25	24	.2	9	2	236	.61	2	5	ND	1	15	1	2	2	11	1.00	.028	6	10	.10	15	.02	6	.43	.01	.03	1	1
19325	1	14	15	33	.2	47	1	559	.45	2	5	ND	1	40	1	2	2	7	2.77	.045	4	9	.25	20	.01	14	.30	.01	.03	1	4
19326	1	18	18	68	.2	11	2	2227	.29	3	5	ND	1	65	1	2	2	4	4.51	.072	4	5	.30	47	.01	21	.28	.01	.03	1	1
19327	1	7	8	18	.1	6	1	191	.44	2	5	ND	1	36	1	2	2	8	2.39	.029	3	6	.16	15	.02	6	.31	.01	.01	1	1
19328	1	16	19	49	.1	12	3	391	1.35	42	5	ND	1	24	1	2	2	24	1.09	.033	9	18	.20	37	.04	4	.80	.01	.04	1	8
19329	1	16	23	58	.3	10	3	256	1.30	41	5	ND	1	21	1	2	2	21	.83	.039	7	14	.18	38	.04	3	.74	.01	.04	1	7
19330	1	39	15	30	.2	22	6	780	3.05	6	5	ND	1	34	1	2	2	19	3.75	.117	10	31	.59	62	.01	12	1.19	.01	.04	2	1
19331	2	23	22	57	.1	14	9	2338	2.99	139	5	ND	1	38	1	2	2	42	2.33	.087	20	16	.22	95	.02	8	.79	.01	.02	1	26
19332	1	34	19	90	.1	102	12	3518	1.22	18	5	ND	1	40	1	2	2	20	2.90	.106	19	24	.28	132	.01	12	.70	.01	.03	1	1
19333	1	13	11	16	.3	10	2	400	.59	8	5	ND	1	38	1	2	2	10	2.86	.049	7	9	.20	30	.01	7	.49	.01	.03	2	1
STD C/AU-S	19	59	39	131	7.4	69	29	1053	4.15	42	22	7	39	52	18	20	21	59	.46	.087	39	62	.86	178	.06	35	1.95	.06	.14	11	50

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

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPB.
- SAMPLE TYPE: P1-P23 SOIL P24 ROCKS AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 15 1988 DATE REPORT MAILED: July 28/88 ASSAYER..... D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

-20 MESH, PULVERIZED

UMEX INC. PROJECT PRICE JOINT VENTURE File # 88-2749 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5301	1	2	6	8	.1	6	2	70	.77	2	7	ND	5	4	1	2	2	16	.07	.025	8	13	.08	9	.02	8	.67	.01	.01	1	2
5302	1	5	4	22	.1	12	3	151	1.22	3	8	ND	8	5	1	2	2	22	.09	.040	16	21	.14	14	.04	4	1.04	.01	.02	1	1
5303	1	2	5	13	.1	5	1	51	.66	2	7	ND	3	3	1	2	2	12	.05	.039	7	11	.05	10	.02	4	.85	.01	.02	1	1
5304	1	3	5	11	.1	4	1	45	.61	2	5	ND	3	3	1	2	3	11	.04	.038	5	9	.04	9	.02	7	.82	.01	.02	1	1
5305	1	4	5	14	.2	8	2	40	1.04	2	8	ND	4	3	2	2	2	15	.05	.049	7	15	.08	10	.04	2	1.27	.01	.03	2	2
5306	1	3	9	13	.1	6	2	42	1.03	2	5	ND	9	3	1	2	4	15	.05	.043	8	14	.08	9	.04	6	1.18	.01	.02	2	1
5307	1	3	8	14	.1	7	2	42	1.14	2	5	ND	4	3	1	2	2	16	.05	.053	7	16	.09	9	.04	3	1.31	.01	.02	1	1
5308	1	4	6	17	.2	6	2	45	1.06	2	5	ND	5	4	1	2	2	18	.07	.034	8	18	.11	13	.04	7	1.76	.01	.02	1	1
5309	1	3	9	28	.1	7	2	91	.96	2	5	ND	7	4	1	2	2	18	.07	.053	14	16	.07	16	.04	2	1.18	.01	.02	2	2
5310	1	4	7	20	.1	7	2	120	.90	3	5	ND	6	7	2	2	3	17	.12	.036	11	14	.09	22	.02	7	.75	.01	.02	1	29
5311	1	4	8	15	.1	9	2	57	.87	2	7	ND	6	4	1	2	2	15	.08	.046	10	15	.11	12	.03	5	1.04	.01	.02	1	2
5312	1	4	6	15	.1	9	3	56	.98	3	5	ND	5	5	1	2	2	18	.09	.051	10	16	.12	13	.03	14	1.17	.01	.02	1	4
5313	1	10	33	107	.1	3	1	204	.09	4	5	ND	1	51	1	2	2	8	4.62	.054	2	3	.26	23	.01	25	.11	.01	.04	1	9
5314	1	11	40	111	.2	6	1	211	.31	8	7	ND	1	51	2	2	3	6	4.29	.037	3	4	.23	28	.01	23	.15	.01	.04	1	1
5315	1	1	5	6	.1	2	1	24	.32	2	5	ND	5	4	1	2	3	7	.12	.006	9	5	.05	9	.02	11	.32	.01	.02	1	1
5316	1	1	2	3	.1	1	1	14	.13	2	5	ND	5	4	2	2	2	5	.07	.002	11	3	.02	6	.01	6	.15	.01	.02	1	1
5317	1	1	3	6	.1	2	1	36	.51	2	6	ND	7	3	2	2	3	12	.04	.009	12	6	.03	6	.02	12	.32	.01	.01	1	1
5318	1	2	5	11	.3	3	1	24	.83	2	5	ND	6	3	3	2	3	16	.04	.051	8	13	.05	10	.03	5	1.00	.01	.02	1	1
5319	1	1	3	8	.1	2	1	21	.68	2	5	ND	5	3	1	2	2	15	.04	.034	10	8	.04	8	.04	2	.69	.01	.02	1	1
5320	1	2	5	4	.2	1	1	12	.33	2	9	ND	6	3	3	2	2	8	.03	.010	10	3	.02	5	.02	15	.26	.01	.02	1	1
5321	1	1	4	7	.1	2	1	15	.51	2	7	ND	4	3	1	2	2	12	.03	.008	9	6	.03	5	.03	3	.32	.01	.01	1	1
5322	1	3	7	11	.1	8	2	88	1.22	2	5	ND	5	5	2	2	2	20	.10	.050	10	19	.11	14	.04	2	1.06	.01	.02	1	1
5323	1	4	9	12	.2	9	2	55	1.05	2	6	ND	6	4	2	2	2	17	.08	.066	11	17	.10	12	.04	5	1.30	.01	.02	1	2
5324	1	1	8	7	.1	3	1	56	.98	2	5	ND	3	3	1	2	2	20	.04	.033	9	12	.05	10	.04	6	.77	.01	.01	1	2
5325	1	2	5	6	.2	3	1	28	.87	2	5	ND	4	3	1	2	3	17	.04	.036	8	11	.05	10	.04	16	.68	.01	.02	1	6
5326	1	2	3	8	.1	4	1	28	.93	3	5	ND	5	4	1	2	2	18	.05	.039	8	12	.06	14	.04	4	1.08	.01	.02	1	3
5327	1	4	5	10	.1	10	3	97	.87	2	5	ND	6	6	3	2	2	15	.14	.047	16	16	.13	15	.04	2	.85	.01	.02	1	1
5328	1	7	2	9	.1	10	2	90	.68	2	5	ND	7	6	2	2	2	12	.15	.034	12	15	.15	18	.04	10	.54	.01	.03	1	1
5329	1	2	3	11	.1	3	1	138	.77	3	5	ND	3	4	1	2	2	13	.05	.044	8	10	.05	13	.03	6	.83	.01	.01	1	10
5330	1	2	7	11	.2	4	1	176	.83	3	5	ND	4	4	2	2	2	13	.05	.054	8	10	.05	12	.03	3	.81	.01	.02	2	1
5331	1	3	6	13	.1	8	2	91	.72	3	8	ND	7	4	2	2	2	11	.07	.023	10	12	.12	10	.03	12	.74	.01	.02	1	1
5332	1	3	3	15	.1	6	2	92	1.13	3	8	ND	7	5	1	2	2	22	.06	.037	10	17	.08	12	.04	9	1.12	.01	.02	2	2
5333	1	1	6	8	.2	2	1	89	.41	2	5	ND	4	4	2	2	2	8	.06	.009	7	6	.03	13	.01	7	.43	.01	.02	1	1
5334	1	4	10	18	.2	11	3	48	1.48	2	8	ND	8	5	3	2	2	24	.07	.054	11	21	.11	15	.04	8	1.57	.01	.03	1	1
5335	1	1	12	16	.2	5	1	73	1.00	3	5	ND	5	4	1	2	3	17	.05	.054	8	13	.06	11	.03	3	1.42	.01	.02	1	1
5336	1	3	6	13	.2	5	1	44	1.40	2	7	ND	4	5	2	2	2	28	.06	.037	10	19	.08	13	.04	2	1.21	.01	.02	1	2
STD C/AU-S	18	56	36	127	7.1	67	27	1055	3.97	36	19	7	36	44	16	20	20	55	.46	.089	34	52	.88	174	.07	34	1.87	.06	.15	12	50

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5337	1	7	15	29	.2	11	3	135	2.33	2	5	ND	6	5	1	2	2	40	.07	.146	13	35	.14	19	.06	11	2.23	.01	.03	1	1
5338	1	4	9	24	.2	10	3	71	2.01	3	6	ND	7	6	1	2	3	36	.07	.058	15	32	.10	15	.05	6	1.60	.01	.02	1	1
5339	1	3	8	17	.3	6	2	46	1.34	3	5	ND	6	4	1	2	2	25	.06	.068	9	21	.08	11	.04	13	1.40	.01	.02	1	1
5340	1	4	4	15	.1	9	2	96	1.17	5	5	ND	7	5	1	2	2	22	.09	.040	15	23	.10	10	.04	11	1.01	.01	.02	1	1
5341	1	5	2	10	.3	10	3	67	.96	7	6	ND	9	6	1	2	2	20	.15	.033	15	24	.16	17	.04	6	.71	.01	.02	1	2
5342	1	4	8	17	.1	13	3	92	1.20	8	5	ND	7	6	1	2	2	24	.13	.037	15	26	.14	10	.04	6	.95	.01	.02	1	1
5343	1	4	7	12	.3	5	2	43	.49	19	5	ND	4	4	1	2	2	10	.07	.021	6	18	.07	9	.01	10	.91	.01	.02	1	1
5344	1	5	11	20	.3	9	3	45	1.72	7	9	ND	6	5	1	2	2	33	.09	.055	11	29	.13	20	.07	11	2.46	.01	.03	1	5
5345	1	5	19	18	.3	11	3	51	2.24	7	5	ND	7	8	1	2	2	43	.10	.082	13	32	.16	24	.09	8	3.06	.01	.04	1	1
5346	1	3	11	18	.1	7	3	58	1.44	2	8	ND	7	5	1	2	2	27	.07	.050	15	23	.09	11	.04	12	1.34	.01	.03	1	46
5347	1	3	4	12	.3	2	1	19	.32	2	5	ND	4	4	2	2	4	7	.04	.007	10	5	.03	12	.01	15	.43	.01	.02	1	1
5348	1	3	8	24	.2	8	3	152	1.04	2	5	ND	4	5	2	2	3	18	.07	.040	10	17	.09	14	.03	9	1.07	.01	.02	1	1
5349	1	1	2	5	.2	1	1	23	.24	2	5	ND	5	4	2	2	2	7	.04	.004	10	5	.02	5	.02	9	.20	.01	.02	1	1
5350	1	2	6	10	.3	7	3	47	.68	2	5	ND	6	6	3	2	3	14	.17	.021	10	13	.13	12	.04	23	.52	.01	.03	1	1
5351	1	4	9	14	.4	11	3	75	1.52	2	5	ND	9	6	1	2	2	26	.12	.068	16	26	.13	9	.05	12	1.36	.01	.03	1	1
5352	1	2	7	9	.1	4	1	33	.92	5	5	ND	6	4	1	2	2	18	.05	.020	11	12	.05	8	.04	6	.73	.01	.02	1	1
5353	1	5	9	15	.1	13	4	63	1.62	3	5	ND	6	5	1	2	2	27	.07	.041	14	28	.11	13	.05	13	1.64	.01	.02	3	1
5354	1	3	5	9	.3	6	2	29	.89	3	6	ND	5	4	1	2	2	18	.05	.039	9	14	.05	9	.04	9	.82	.01	.02	1	1
5355	1	3	10	13	.1	14	4	85	1.06	2	5	ND	7	6	1	2	3	19	.14	.050	15	23	.15	10	.04	8	1.15	.01	.03	1	1
5356	1	2	7	29	.3	7	2	76	1.23	2	5	ND	5	4	1	2	2	22	.07	.054	11	17	.09	14	.05	10	1.42	.01	.02	1	1
5357	1	2	2	7	.3	2	1	17	.34	2	9	ND	5	3	2	3	3	8	.03	.006	11	7	.02	5	.02	7	.27	.01	.02	1	2
5358	1	2	8	20	.3	5	2	97	.85	2	5	ND	4	6	1	2	2	15	.18	.037	11	14	.08	12	.03	11	.64	.01	.02	1	1
5359	1	3	7	13	.3	11	3	60	.97	2	8	ND	7	5	2	2	2	17	.11	.037	11	18	.13	14	.04	16	1.07	.01	.03	1	1
5360	1	1	7	9	.1	3	1	22	.87	2	5	ND	5	4	1	2	2	19	.05	.007	10	10	.06	7	.05	8	.51	.01	.02	1	1
5361	1	1	4	7	.3	3	1	28	.48	2	6	ND	5	5	1	2	2	11	.10	.004	11	7	.06	10	.03	11	.45	.01	.02	1	1
5362	1	1	8	2	.1	1	1	11	.08	2	5	ND	5	3	3	2	2	4	.03	.002	11	3	.01	2	.02	11	.12	.01	.01	1	2
5363	1	1	3	3	.2	2	1	8	.16	2	5	ND	2	3	1	2	2	4	.03	.003	7	5	.01	4	.01	8	.12	.01	.01	1	2
5364	1	3	10	16	.4	4	1	29	.98	2	5	ND	5	6	2	2	2	23	.06	.017	10	12	.06	16	.04	6	.71	.01	.03	1	2
5365	1	5	12	46	.5	14	5	99	1.70	2	5	ND	7	5	2	2	2	27	.08	.067	10	27	.17	18	.05	16	2.11	.01	.04	2	1
5366	1	3	8	18	.3	5	1	39	1.25	4	9	ND	8	6	2	2	2	29	.07	.020	14	15	.08	17	.04	9	.90	.01	.03	1	1
5367	1	4	8	17	.4	9	3	76	2.01	3	9	ND	7	7	1	3	2	29	.10	.033	14	22	.12	21	.06	11	1.44	.01	.03	1	2
5368	1	5	7	26	.4	8	3	69	1.86	3	5	ND	6	7	2	2	2	34	.13	.032	12	19	.11	16	.05	11	1.27	.01	.04	2	1
5369	1	4	12	20	.5	7	2	43	1.55	3	5	ND	9	6	3	3	2	34	.06	.048	16	22	.11	14	.05	10	1.57	.01	.03	2	1
5370	1	5	10	20	.2	11	4	150	1.79	2	5	ND	5	7	1	2	2	27	.11	.034	13	24	.13	27	.06	10	1.36	.01	.04	1	1
5371	1	3	11	23	.2	8	2	68	1.70	3	5	ND	6	7	1	3	2	28	.13	.032	12	19	.11	16	.05	10	1.20	.01	.03	2	1
5372	1	2	6	8	.3	3	1	28	.63	2	5	ND	6	6	3	2	2	19	.05	.009	10	10	.05	7	.04	12	.51	.01	.02	1	4
STD C/AU-S	17	58	42	127	7.1	68	28	1050	3.92	40	21	8	37	44	16	16	19	56	.45	.087	41	55	.87	175	.07	32	1.86	.06	.15	12	47

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5373	1	2	9	8	.1	6	1	23	.36	2	7	ND	4	5	1	2	2	11	.04	.004	9	8	.02	6	.02	11	.30	.01	.02	1	2
5374	1	3	7	31	.2	8	2	77	1.37	2	5	ND	5	5	2	3	3	26	.06	.039	9	18	.10	13	.04	8	1.45	.01	.03	1	1
5375	1	5	4	37	.5	10	3	72	2.28	2	8	ND	6	5	2	2	6	44	.06	.087	9	32	.15	20	.07	13	3.09	.01	.04	1	1
5376	1	1	2	3	.3	1	1	9	.15	2	8	ND	3	4	2	3	2	3	.03	.005	8	2	.01	13	.01	15	.19	.01	.02	1	1
5377	1	2	3	7	.4	4	1	27	1.04	2	5	ND	6	4	3	2	2	22	.05	.025	12	14	.06	9	.05	15	.97	.01	.02	2	1
5378	1	3	4	11	.3	5	1	34	1.29	2	6	ND	6	4	2	2	2	26	.05	.055	10	16	.06	12	.05	20	1.43	.01	.02	1	1
5379	1	2	5	9	.3	6	2	52	1.15	2	5	ND	5	4	2	2	3	21	.06	.036	10	19	.08	14	.04	15	1.49	.01	.02	1	1
5380	1	4	3	18	.2	10	3	68	1.97	2	9	ND	7	4	1	2	3	26	.06	.041	11	24	.11	16	.05	9	1.96	.01	.02	1	1
5381	1	1	3	6	.1	1	1	21	.48	2	5	ND	4	4	2	2	2	14	.04	.006	9	7	.03	5	.03	8	.34	.01	.02	1	2
5382	1	2	2	11	.3	5	1	28	1.24	2	5	ND	5	4	2	2	4	22	.05	.034	9	15	.07	11	.04	13	1.58	.01	.03	1	2
5383	1	4	2	15	.4	16	4	70	1.23	2	5	ND	9	5	2	2	2	25	.10	.035	13	28	.16	14	.04	17	1.02	.01	.03	2	18
5384	1	4	6	28	.3	9	3	94	1.15	2	5	ND	5	5	2	2	2	21	.06	.039	8	19	.12	21	.04	14	1.33	.01	.03	1	1
5385	1	5	6	30	.2	12	3	97	1.22	2	8	ND	6	5	2	2	2	23	.07	.042	12	22	.14	24	.04	18	1.37	.01	.03	1	2
5386	1	4	9	29	.4	11	3	96	1.33	2	5	ND	6	5	2	3	2	24	.07	.056	10	23	.13	18	.04	10	1.61	.01	.03	1	1
5387	1	5	6	22	.2	9	2	62	1.30	2	5	ND	6	4	1	4	2	24	.05	.039	12	22	.09	17	.04	5	1.90	.01	.02	2	1
5388	1	3	6	16	.3	7	2	84	1.36	2	7	ND	5	4	2	2	2	26	.05	.053	11	21	.09	22	.04	10	1.69	.01	.02	1	1
5389	1	5	8	21	.3	9	3	71	2.30	2	5	ND	5	5	2	2	6	44	.07	.087	10	32	.15	14	.06	8	2.17	.01	.03	1	1
5390	1	3	4	10	.1	4	1	44	.86	2	5	ND	6	4	2	2	4	18	.06	.023	13	14	.06	8	.03	17	.57	.01	.02	1	3
5391	1	1	2	3	.3	1	1	10	.20	2	6	ND	4	3	1	3	2	5	.03	.002	7	4	.01	3	.01	11	.08	.01	.02	1	1
5392	1	2	6	9	.8	6	1	34	.77	3	8	ND	6	4	2	3	2	16	.05	.018	11	15	.05	6	.02	11	.39	.01	.02	1	1
5393	1	1	8	6	.2	3	1	40	.72	2	5	ND	3	4	2	2	2	16	.04	.009	10	11	.04	9	.02	12	.50	.01	.02	1	1
5394	1	4	9	19	.1	6	1	62	1.27	3	9	ND	4	4	1	2	2	26	.05	.041	10	19	.07	10	.04	5	1.23	.01	.02	2	3
5395	1	5	9	33	.1	11	4	102	1.84	3	5	ND	7	6	1	2	2	34	.09	.094	12	28	.17	20	.05	7	1.92	.01	.03	1	1
5396	1	3	7	14	.3	10	3	68	1.17	2	8	ND	6	5	2	3	3	21	.10	.024	9	19	.13	16	.04	15	.77	.01	.03	1	1
5397	1	4	4	15	.1	11	3	75	1.35	2	5	ND	4	6	1	2	2	25	.13	.033	10	22	.15	16	.05	7	.88	.01	.02	1	1
5398	1	3	9	6	.3	2	1	21	1.71	4	9	ND	7	3	1	3	2	42	.03	.008	9	16	.04	8	.05	12	.98	.01	.02	1	1
5400	1	3	7	18	.1	10	3	65	1.30	2	5	ND	6	4	2	2	2	24	.06	.062	12	23	.10	12	.04	5	1.48	.01	.02	1	2
5401	1	4	5	10	.4	6	2	35	1.14	2	6	ND	4	4	1	2	2	28	.07	.034	8	19	.10	8	.07	10	.68	.01	.02	1	1
5402	1	4	6	14	.2	13	4	81	1.32	2	5	ND	5	6	1	3	2	24	.11	.048	13	25	.14	13	.04	6	1.33	.01	.02	1	1
5403	1	4	9	15	.1	4	1	56	.50	2	5	ND	2	7	1	2	2	11	.09	.018	9	8	.04	20	.01	8	.44	.01	.02	1	115
5404	1	4	5	9	.1	9	3	68	.68	2	5	ND	5	7	1	2	2	12	.16	.028	11	15	.15	15	.04	5	.47	.01	.03	1	1
5405	1	3	7	13	.1	7	2	92	1.07	2	5	ND	3	5	1	2	2	18	.07	.072	9	16	.08	16	.04	4	1.10	.01	.02	1	1
5406	1	3	8	10	.2	8	3	53	.89	2	9	ND	4	5	1	2	2	15	.08	.066	7	15	.10	17	.04	11	1.03	.01	.03	1	1
5407	1	2	4	7	.3	5	2	62	.70	2	5	ND	3	4	2	2	2	12	.07	.050	8	11	.07	15	.03	13	.78	.01	.02	1	1
5408	1	2	5	9	.3	5	1	46	1.15	2	5	ND	3	5	1	2	2	25	.07	.035	8	17	.08	8	.05	8	.77	.01	.02	1	1
5409	1	3	9	10	.3	6	2	85	1.24	2	5	ND	2	4	1	2	2	24	.06	.046	7	15	.06	13	.04	5	1.52	.01	.02	1	1
STD C/AU-S	18	57	40	132	7.1	67	29	1060	3.86	39	18	7	36	67	17	17	19	58	.47	.088	39	57	.90	176	.07	33	1.94	.06	.14	12	49

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5410	1	3	11	7	.1	6	2	40	.98	2	5	ND	4	5	1	2	2	16	.07	.024	9	18	.10	13	.04	12	1.00	.01	.02	1	1
5411	1	3	12	16	.2	9	3	41	1.45	2	5	ND	7	4	1	2	2	24	.07	.067	10	22	.11	15	.05	12	1.78	.01	.02	1	2
5412	1	3	9	9	.2	3	1	32	1.14	2	5	ND	4	4	2	2	2	22	.05	.045	7	16	.06	11	.04	7	1.02	.01	.02	1	1
5413	1	2	2	7	.1	1	1	44	.52	2	6	ND	3	4	1	2	2	10	.04	.007	8	9	.04	11	.02	7	.38	.01	.01	1	1
5414	1	2	5	6	.1	2	1	45	.40	2	7	ND	3	3	1	2	2	8	.04	.005	6	7	.03	7	.01	10	.24	.01	.01	1	4
5415	1	2	7	8	.1	3	1	37	.65	2	5	ND	2	3	1	2	2	12	.04	.018	8	11	.05	13	.02	9	.58	.01	.01	1	1
5416	1	1	5	6	.1	3	1	16	.58	2	5	ND	2	3	1	2	2	10	.03	.031	6	9	.03	8	.02	4	.84	.01	.01	1	1
5417	1	2	6	15	.1	6	2	39	.84	2	5	ND	3	5	1	2	2	13	.11	.020	8	13	.09	13	.03	3	.75	.01	.02	1	1
5418	1	4	10	24	.2	10	3	112	1.31	2	11	ND	5	4	1	2	2	23	.09	.076	11	22	.13	11	.04	5	1.35	.01	.02	1	1
5419	1	3	7	12	.1	6	2	50	.79	2	5	ND	3	4	1	2	2	14	.09	.060	9	14	.08	8	.04	7	.87	.01	.01	1	6
5420	1	2	2	10	.1	2	1	35	.72	2	6	ND	5	3	1	2	3	13	.04	.035	7	11	.04	8	.03	8	.68	.01	.02	1	3
5421	1	5	8	21	.1	7	2	70	2.11	2	5	ND	5	5	1	2	2	32	.08	.026	10	28	.12	15	.06	7	1.47	.01	.02	1	17
5422	1	4	12	9	.1	12	3	43	2.12	2	5	ND	8	4	1	2	2	27	.08	.027	12	32	.12	14	.05	12	2.80	.01	.03	1	109
5423	1	5	7	7	.2	3	1	15	.96	2	7	ND	4	5	1	2	2	23	.05	.012	10	10	.04	15	.04	8	.58	.01	.03	1	20
5424	1	2	7	11	.2	5	2	78	1.12	2	5	ND	5	5	2	2	2	22	.07	.019	10	17	.07	10	.04	17	.57	.01	.01	1	4
5425	1	2	5	16	.1	5	1	64	1.24	2	5	ND	5	5	1	2	2	23	.07	.029	9	19	.09	9	.04	3	.82	.01	.01	1	1
5426	1	1	4	9	.1	2	1	56	.88	3	5	ND	4	4	1	2	2	20	.05	.018	9	14	.04	10	.04	7	.55	.01	.01	1	3
5427	1	2	10	5	.1	3	1	18	.84	3	5	ND	4	3	1	2	2	17	.04	.016	8	11	.04	9	.03	6	.91	.01	.01	1	2
5428	1	2	4	6	.3	4	1	26	.77	2	5	ND	3	3	2	2	2	15	.04	.016	7	11	.05	7	.03	15	.56	.01	.02	1	2
5429	1	8	9	32	.1	18	5	101	1.95	2	5	ND	7	5	2	2	2	30	.09	.057	11	35	.23	20	.05	9	2.43	.01	.03	1	1
5430	1	3	11	20	.2	7	2	66	1.61	2	5	ND	5	5	2	2	2	30	.06	.031	9	23	.10	20	.05	8	1.59	.01	.02	1	1
5431	1	3	10	13	.2	6	1	40	1.23	3	10	ND	7	5	3	2	2	25	.06	.019	10	18	.08	15	.05	14	.96	.01	.02	1	1
5432	1	4	9	16	.1	7	1	55	1.26	2	5	ND	3	6	1	2	3	26	.06	.018	10	21	.09	13	.03	5	.76	.01	.01	1	12
5433	1	3	6	13	.2	5	1	47	1.18	2	5	ND	4	5	2	2	2	27	.07	.016	8	16	.08	13	.04	7	.59	.01	.03	1	4
5434	1	9	5	22	.1	21	6	94	1.61	2	5	ND	7	8	1	2	2	23	.20	.031	14	29	.27	27	.06	17	1.67	.01	.03	1	3
5435	1	4	5	13	.2	12	3	73	1.08	2	7	ND	8	6	2	2	2	18	.15	.032	12	21	.14	12	.04	18	1.09	.01	.03	2	1
5436	1	7	7	20	.1	20	5	86	1.54	2	5	ND	6	7	1	2	2	22	.19	.031	13	27	.24	26	.05	13	1.57	.01	.03	2	1
5437	1	3	2	9	.1	8	1	62	1.06	2	5	ND	6	6	1	2	3	23	.14	.006	10	21	.14	9	.05	9	.34	.01	.02	1	1
5438	1	3	4	9	.1	8	2	56	.79	2	5	ND	3	5	1	2	2	15	.13	.034	9	15	.12	6	.03	10	.50	.01	.01	1	2
5439	1	4	3	15	.1	11	2	53	.76	2	5	ND	4	5	1	2	2	13	.12	.035	9	17	.14	9	.03	17	.72	.01	.02	1	2
5440	1	1	3	7	.1	3	1	12	.34	2	5	ND	1	3	1	2	2	7	.04	.004	4	6	.03	6	.01	7	.20	.01	.01	1	1
5441	1	3	7	30	.1	9	2	234	.87	3	5	ND	4	8	1	2	2	14	.31	.016	10	19	.17	22	.03	12	.59	.01	.02	2	3
5442	1	2	7	8	.2	3	1	23	.81	2	6	ND	4	4	2	2	2	16	.04	.015	8	11	.05	9	.03	12	.66	.01	.02	1	1
5443	1	2	4	8	.1	5	1	24	.82	2	5	ND	5	4	1	2	2	16	.05	.018	8	12	.05	9	.04	11	.79	.01	.01	1	1
5444	1	1	2	5	.2	2	1	16	.36	2	5	ND	4	3	1	2	3	9	.03	.005	9	7	.03	6	.02	11	.31	.01	.01	1	23
5445	1	2	6	9	.1	2	1	25	.90	2	5	ND	4	4	1	3	6	20	.04	.017	9	14	.05	9	.03	5	.62	.01	.01	1	14
STD C/AU-S	17	58	38	131	7.1	67	28	1052	4.10	39	19	7	37	45	17	17	19	56	.46	.085	38	56	.89	176	.07	32	1.92	.06	.15	12	52

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5446	1	4	6	16	.3	5	2	71	1.09	2	5	ND	5	5	2	2	6	21	.06	.021	9	16	.07	12	.03	7	.97	.01	.02	1	2
5447	1	4	4	12	.4	5	2	53	.69	2	5	ND	4	5	3	2	3	14	.05	.019	13	11	.05	13	.02	12	.67	.01	.02	1	1
5448	1	5	5	34	.3	11	3	133	1.99	4	6	ND	5	7	1	2	3	35	.09	.104	10	29	.18	18	.05	10	2.01	.01	.04	2	3
5449	1	3	4	24	.2	7	2	209	1.05	2	5	ND	4	5	1	2	2	17	.07	.050	12	14	.09	19	.03	12	1.18	.01	.03	1	1
5450	1	1	3	4	.4	1	1	33	.21	2	5	ND	4	3	2	2	3	5	.03	.007	9	5	.02	8	.01	14	.20	.01	.02	1	1
5451	1	5	6	16	.2	6	2	79	1.33	2	7	ND	6	6	3	2	3	21	.08	.078	8	18	.09	18	.04	12	1.40	.01	.03	1	2
5452	1	2	9	21	.2	4	1	87	1.03	2	6	ND	6	5	1	2	5	20	.06	.051	9	16	.07	13	.04	12	1.10	.01	.02	1	1
5453	1	2	4	9	.1	4	1	33	1.10	2	5	ND	10	4	2	2	2	24	.05	.024	19	20	.05	7	.04	9	.65	.01	.01	1	1
5454	1	4	3	12	.2	6	2	78	1.08	3	5	ND	10	6	4	2	2	21	.13	.023	14	20	.09	10	.04	22	.59	.01	.02	1	1
5455	1	2	2	6	.1	2	1	22	.68	4	5	ND	5	4	2	2	2	15	.04	.022	10	8	.04	5	.03	8	.47	.01	.02	1	3
5456	1	3	2	10	.1	4	1	50	.95	2	6	ND	6	4	2	2	5	18	.05	.033	12	13	.05	11	.04	17	1.24	.01	.02	1	1
5457	1	5	2	8	.2	9	3	61	.70	3	5	ND	7	5	3	2	3	13	.11	.026	10	14	.13	10	.03	11	.61	.01	.02	1	1
5458	1	3	5	9	.3	3	1	83	.55	2	5	ND	5	4	2	2	2	10	.05	.009	6	8	.05	8	.02	13	.47	.01	.02	1	1
5459	1	4	5	31	.2	12	4	101	1.62	2	9	ND	7	5	2	3	2	29	.08	.053	11	26	.14	18	.05	11	2.10	.01	.03	1	2
5460	1	4	6	21	.1	4	2	96	1.05	2	5	ND	5	5	1	2	4	21	.06	.032	10	16	.07	12	.03	8	1.05	.01	.02	1	1
5461	1	6	6	22	.1	15	4	106	1.79	3	5	ND	5	6	1	3	4	31	.12	.055	12	33	.17	16	.05	11	1.34	.01	.03	1	1
5462	1	4	3	10	.1	4	1	33	.95	2	5	ND	5	5	1	2	4	18	.05	.033	11	15	.06	8	.03	10	1.09	.01	.02	1	1
5463	1	3	3	10	.3	4	2	67	.91	4	5	ND	7	5	3	2	4	18	.06	.020	11	15	.06	8	.03	11	.66	.01	.02	1	1
5464	1	5	10	24	.1	9	3	116	1.62	2	5	ND	8	7	2	2	3	30	.09	.035	12	26	.13	16	.04	11	1.43	.01	.03	1	1
5465	1	5	6	16	.3	5	2	55	1.42	2	5	ND	8	6	3	2	2	29	.07	.030	14	24	.08	12	.04	14	1.17	.01	.02	1	38
5466	1	6	8	32	.3	9	3	232	2.04	4	5	ND	12	6	3	2	2	41	.09	.039	20	31	.14	29	.05	12	1.28	.01	.03	1	1
5467	1	5	9	17	.4	8	2	73	1.25	3	5	ND	7	4	3	2	4	24	.06	.054	12	22	.09	13	.04	18	1.56	.01	.03	1	2
5468	1	4	8	9	.1	4	1	42	.71	2	5	ND	5	3	2	2	4	14	.04	.018	9	11	.06	8	.02	10	.75	.01	.02	1	1
5469	1	3	3	12	.2	3	1	47	.78	2	5	ND	7	4	2	2	2	15	.04	.035	13	12	.04	12	.02	14	.81	.01	.02	1	1
5470	1	4	4	14	.5	5	1	46	1.11	3	6	ND	10	5	3	2	5	24	.05	.034	14	18	.06	11	.04	11	.96	.01	.02	1	2
5471	1	2	2	5	.1	2	1	32	.50	2	5	ND	6	4	1	2	2	11	.05	.002	12	10	.02	4	.01	11	.11	.01	.02	1	1
5472	1	2	2	2	.3	1	1	13	.12	2	10	ND	3	6	2	2	3	2	.06	.007	9	3	.01	13	.01	10	.15	.01	.02	1	1
5473	1	3	7	11	.2	7	3	83	1.05	2	5	ND	7	5	3	2	3	20	.07	.004	9	13	.15	13	.05	20	.78	.01	.04	1	1
5474	1	2	4	5	.2	2	1	31	.33	2	8	ND	5	5	2	2	3	9	.06	.002	9	5	.06	7	.04	9	.32	.01	.02	1	1
5475	1	3	4	7	.2	4	1	40	.44	4	5	ND	6	5	4	2	5	12	.06	.003	8	8	.08	7	.04	13	.37	.01	.03	1	1
5476	1	2	2	4	.2	1	1	20	.20	3	5	ND	6	5	2	2	6	6	.05	.002	10	5	.04	6	.02	11	.22	.01	.02	1	4
5477	1	7	7	24	.3	9	3	97	2.15	3	5	ND	8	5	2	2	3	43	.07	.053	13	28	.11	14	.06	11	1.61	.01	.03	2	1
5478	1	3	2	12	.2	5	1	36	1.28	2	5	ND	8	5	2	2	3	25	.07	.065	11	19	.07	14	.04	18	1.32	.01	.02	1	2
5479	1	6	2	14	.1	8	2	47	.92	2	8	ND	6	5	1	2	2	17	.10	.036	12	16	.11	9	.03	15	.80	.01	.02	1	2
5480	1	2	7	12	.1	4	1	26	.74	2	5	ND	6	3	2	2	2	14	.04	.042	8	13	.04	10	.02	12	1.33	.01	.02	1	1
5481	1	2	2	10	.2	2	1	24	.66	2	6	ND	5	3	3	2	3	12	.04	.023	6	9	.04	8	.02	12	.79	.01	.02	1	4
STD C/AU-S	18	58	38	131	7.1	68	28	1052	4.01	38	16	7	38	45	16	20	19	56	.46	.088	38	56	.89	171	.07	32	1.93	.06	.15	12	51

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5482	1	3	3	8	.1	4	1	28	.53	2	5	ND	6	3	1	2	5	10	.06	.018	8	7	.05	8	.02	10	.53	.01	.02	1	1
5483	1	5	8	27	.3	12	4	105	1.55	2	9	ND	10	4	3	2	2	23	.08	.061	12	24	.13	21	.05	12	2.04	.01	.03	2	2
5484	1	3	9	14	.1	6	2	61	1.01	2	5	ND	7	4	1	2	2	18	.06	.032	11	15	.08	11	.04	13	1.13	.01	.02	1	1
5485	1	5	5	23	.1	13	4	75	1.10	3	5	ND	10	5	1	2	2	18	.09	.045	14	21	.17	23	.04	10	1.31	.01	.03	1	1
5486	1	6	9	18	.3	8	3	65	1.31	3	8	ND	11	5	3	2	2	24	.09	.033	14	20	.12	13	.04	12	1.01	.01	.03	1	41
5487	1	5	9	27	.4	12	4	92	1.86	3	8	ND	12	5	2	2	2	32	.09	.054	16	29	.14	14	.05	15	1.54	.01	.03	1	2
5488	1	3	5	23	.3	6	2	69	1.09	2	5	ND	8	4	3	2	2	20	.06	.022	13	15	.07	10	.04	9	1.03	.01	.02	2	1
5489	1	1	5	11	.5	1	1	39	.35	2	6	ND	6	4	3	2	2	8	.05	.004	10	5	.02	12	.01	15	.38	.01	.02	1	1
5490	1	7	8	29	.3	10	3	98	1.91	2	6	ND	7	3	1	2	3	35	.06	.056	11	26	.15	21	.05	16	2.11	.01	.03	1	1
5491	1	2	11	18	.3	5	3	54	1.03	3	5	ND	4	4	1	2	2	18	.05	.039	7	14	.07	10	.03	8	1.23	.02	.03	2	1
5492	1	2	6	11	.3	2	1	35	.64	2	5	ND	4	3	1	2	2	12	.04	.022	6	9	.04	7	.02	10	.72	.01	.02	1	1
5493	1	3	9	7	.3	3	1	40	.83	2	5	ND	5	3	1	2	2	17	.04	.029	9	11	.05	10	.04	7	1.16	.01	.02	1	1
5494	1	2	4	6	.1	2	1	21	.42	3	5	ND	5	3	2	2	2	9	.04	.009	9	6	.03	8	.02	16	.36	.01	.02	1	1
5495	1	3	8	10	.3	3	1	65	.64	3	6	ND	5	4	3	2	2	12	.06	.022	8	10	.06	13	.02	12	.42	.01	.03	2	2
5496	1	1	3	2	.2	1	1	13	.10	2	5	ND	5	3	2	3	2	3	.02	.002	11	2	.01	3	.01	6	.10	.01	.01	1	2
5497	1	1	2	4	.3	1	1	19	.25	2	6	ND	6	3	4	3	2	6	.03	.002	10	4	.02	5	.02	11	.12	.01	.02	1	2
5498	1	14	31	36	.6	14	9	562	2.25	4	5	ND	6	26	5	2	5	49	.95	.172	26	24	.20	109	.01	14	2.13	.02	.05	1	1
5499	1	1	2	2	.3	1	1	16	.12	3	5	ND	6	4	2	2	2	3	.05	.002	9	2	.02	5	.01	8	.17	.01	.02	1	2
5500	1	2	3	3	.2	1	1	18	.16	2	5	ND	5	4	2	2	2	5	.05	.002	8	3	.03	6	.02	8	.20	.01	.02	1	1
5501	1	3	4	9	.3	4	2	31	.92	2	7	ND	6	4	2	2	2	15	.08	.040	8	13	.07	11	.04	15	1.16	.01	.02	1	1
5502	1	2	7	11	.3	4	2	56	.69	2	5	ND	6	4	2	2	2	10	.08	.084	9	10	.07	9	.02	9	.69	.01	.02	1	1
5503	1	3	6	12	.1	7	3	45	.98	2	5	ND	5	4	2	2	2	13	.10	.038	6	13	.11	17	.03	7	1.33	.01	.03	2	2
5506	1	4	9	11	.1	8	3	38	1.22	2	5	ND	5	5	1	2	2	19	.12	.020	8	15	.12	17	.05	10	1.85	.01	.03	1	2
5507	1	3	10	11	.2	4	2	29	1.04	2	9	ND	7	4	2	3	2	17	.07	.054	9	13	.07	9	.04	11	1.09	.01	.03	2	1
5508	1	5	4	14	.4	11	4	75	.75	2	5	ND	7	5	.3	2	2	11	.13	.035	10	15	.15	15	.03	12	.89	.01	.03	1	4
5509	1	3	14	14	.2	5	3	67	1.25	2	5	ND	5	4	1	2	2	20	.06	.038	8	16	.08	17	.05	5	1.86	.01	.02	1	1
5510	1	4	7	11	.2	4	2	62	1.08	2	8	ND	6	4	2	2	2	20	.06	.055	9	13	.07	15	.05	10	1.28	.01	.03	1	1
5511	1	3	14	12	.3	6	2	43	1.73	2	5	ND	6	4	1	2	2	27	.07	.071	9	19	.11	14	.07	11	1.78	.01	.03	1	1
5512	1	4	10	12	.2	7	3	84	1.38	2	5	ND	6	5	1	2	4	20	.11	.101	11	18	.12	15	.05	7	1.76	.01	.03	2	2
5513	1	5	4	9	.2	7	2	45	.86	2	5	ND	5	6	2	2	2	14	.15	.021	10	13	.15	14	.04	9	.52	.01	.02	1	1
5514	1	4	3	13	.2	12	4	73	.96	2	5	ND	7	5	2	2	2	14	.12	.051	11	17	.14	17	.04	11	1.12	.01	.03	1	1
5515	1	5	6	27	.2	11	3	61	.92	2	5	ND	9	4	2	2	2	14	.10	.068	12	16	.13	16	.04	10	1.32	.01	.03	2	2
5516	1	5	4	19	.3	11	4	103	1.22	2	7	ND	14	7	3	2	2	22	.18	.055	22	23	.14	7	.04	15	.92	.01	.03	2	1
5517	1	3	6	9	.2	9	3	49	.67	2	5	ND	6	5	2	2	2	11	.10	.037	10	13	.13	13	.03	5	.70	.01	.02	1	1
5518	1	3	2	25	.1	7	3	152	1.34	2	6	ND	7	4	1	2	2	21	.08	.097	12	20	.10	13	.04	8	1.70	.01	.02	1	1
5519	1	5	5	13	.1	13	4	67	.98	2	5	ND	6	5	2	2	2	14	.10	.030	9	18	.15	17	.04	8	1.33	.01	.02	2	1
STD C/AU-S	17	57	38	128	7.1	67	28	1048	4.02	37	21	8	36	44	17	16	19	55	.46	.085	39	52	.88	175	.07	31	1.89	.06	.15	13	48

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5520	1	3	3	20	.1	9	3	171	.93	2	5	ND	1	8	1	2	2	16	.15	.091	8	17	.14	13	.04	2	1.25	.01	.02	1	2
5521	1	2	4	11	.1	2	1	97	.45	2	5	ND	1	6	1	2	2	9	.09	.027	7	8	.06	13	.02	2	.39	.01	.02	1	1
5522	1	4	7	17	.1	8	3	94	1.01	2	5	ND	1	11	1	2	2	16	.20	.041	13	18	.15	20	.05	3	.95	.01	.03	1	2
5523	1	4	4	11	.1	6	2	200	.81	2	5	ND	1	9	1	2	3	13	.13	.015	8	15	.12	24	.04	8	.69	.01	.04	1	3
5524	1	4	3	15	.1	10	3	61	1.31	2	5	ND	3	9	1	2	2	23	.15	.019	9	19	.18	17	.07	9	.93	.01	.03	1	1
5525	1	3	2	18	.1	9	3	70	1.43	2	5	ND	2	9	1	2	2	27	.16	.023	11	19	.17	19	.09	2	.73	.01	.03	1	1
5527	1	4	5	26	.2	12	4	90	1.52	2	5	ND	2	13	1	2	2	22	.17	.009	10	21	.24	22	.08	2	1.26	.01	.04	2	2
5528	1	7	5	46	.1	20	6	116	1.74	2	5	ND	7	10	1	2	2	32	.21	.065	20	32	.21	31	.07	7	1.56	.01	.03	1	1
5529	1	4	5	20	.1	9	3	91	.93	2	5	ND	3	9	1	2	2	17	.18	.048	15	17	.13	14	.05	2	.80	.01	.03	1	4
5530	1	3	5	18	.1	13	3	62	.85	2	5	ND	2	7	1	2	2	14	.13	.047	8	17	.16	14	.04	2	.98	.01	.02	1	1
5531	1	3	3	14	.2	7	3	116	.94	2	5	ND	2	7	1	2	2	16	.11	.046	8	16	.10	13	.05	6	1.00	.01	.02	1	2
5532	1	4	8	10	.1	9	3	62	1.16	2	5	ND	2	10	1	2	2	20	.15	.023	14	20	.15	23	.06	6	1.55	.01	.03	1	1
5533	1	3	6	23	.1	9	3	103	1.23	2	5	ND	1	8	1	2	2	20	.15	.146	8	18	.12	20	.05	9	1.46	.01	.02	1	1
5534	1	4	7	13	.2	16	5	90	1.23	3	5	ND	5	9	1	3	2	20	.18	.064	17	22	.15	23	.05	6	1.43	.01	.03	1	3
5535	1	5	3	21	.1	19	5	84	1.31	2	5	ND	5	9	1	2	3	23	.15	.061	19	24	.17	19	.06	2	1.32	.01	.02	1	2
5536	1	3	7	15	.1	6	3	66	1.16	2	5	ND	3	7	1	2	2	20	.12	.078	10	15	.11	17	.07	11	1.00	.01	.02	1	1
5537	1	5	9	20	.1	23	6	83	1.59	2	5	ND	4	11	1	2	2	24	.20	.048	16	29	.23	22	.07	5	1.85	.01	.03	1	2
5538	1	2	5	11	.1	8	3	48	1.54	2	5	ND	4	8	1	2	2	26	.11	.016	14	18	.14	19	.08	2	1.29	.01	.03	1	1
5539	1	3	7	20	.1	6	2	84	1.15	2	5	ND	1	8	1	2	2	20	.11	.026	10	14	.11	18	.07	6	.73	.01	.03	1	1
5542	1	4	7	12	.1	11	3	86	1.19	2	5	ND	3	8	1	2	2	19	.14	.027	12	19	.15	17	.06	6	1.23	.01	.03	2	1
5543	1	4	6	14	.1	13	4	69	.90	2	5	ND	4	8	1	2	2	14	.13	.021	14	19	.19	16	.06	5	1.12	.01	.03	1	2
5544	1	3	7	11	.1	6	2	51	.59	2	5	ND	2	7	1	2	2	12	.10	.022	10	11	.09	14	.04	8	.65	.01	.02	1	1
5546	1	2	3	5	.2	3	1	29	.71	2	5	ND	3	6	1	2	2	17	.07	.007	9	9	.06	12	.07	17	.38	.01	.03	1	1
5547	1	2	7	9	.1	5	2	38	1.01	2	5	ND	2	6	1	2	2	35	.09	.021	11	19	.10	15	.10	2	1.76	.01	.03	1	1
5548	1	3	6	10	.1	8	3	43	1.20	3	5	ND	3	6	1	2	2	19	.12	.027	10	18	.10	13	.06	10	1.66	.01	.02	1	2
5549	1	2	3	7	.1	7	2	42	1.41	2	5	ND	2	7	1	3	3	22	.12	.011	8	14	.12	16	.07	8	.84	.01	.02	1	1
5550	1	2	2	11	.1	3	1	30	.70	2	8	ND	2	5	1	2	3	15	.05	.025	6	9	.05	9	.04	9	.85	.01	.02	1	5
5551	1	4	8	16	.1	8	2	37	.75	2	5	ND	3	5	1	2	2	13	.08	.044	8	13	.09	14	.03	6	1.17	.01	.02	1	2
5552	1	2	5	16	.1	5	2	38	.80	2	6	ND	2	5	1	3	3	14	.06	.048	6	12	.06	12	.03	2	1.48	.01	.02	1	2
5553	1	3	5	15	.2	6	1	26	.79	2	6	ND	3	4	1	2	2	14	.06	.039	7	12	.06	11	.03	6	1.52	.01	.02	1	1
5554	1	2	6	14	.1	5	2	42	.73	3	5	ND	1	4	1	2	2	12	.06	.046	4	11	.06	11	.03	3	1.39	.01	.01	1	1
5555	1	3	8	19	.2	6	2	48	.99	2	6	ND	4	5	1	2	3	18	.07	.069	10	15	.07	13	.04	10	1.44	.01	.02	1	2
5556	1	3	7	21	.1	8	2	67	1.00	2	5	ND	3	5	1	2	2	16	.07	.071	10	16	.09	15	.04	6	1.58	.01	.02	1	3
5557	1	2	5	11	.1	4	1	52	.79	2	5	ND	2	5	1	2	2	14	.07	.051	8	10	.07	11	.04	4	.88	.01	.02	1	2
5558	1	4	8	14	.1	12	4	52	1.14	2	5	ND	3	6	1	2	2	19	.09	.068	9	19	.12	19	.05	12	1.73	.01	.02	1	13
5559	1	2	4	11	.1	5	2	40	.92	2	5	ND	2	5	1	2	2	16	.07	.067	8	14	.07	12	.04	2	1.37	.01	.02	1	1
STD C/AU-S	17	57	35	127	7.2	67	28	1045	3.75	38	18	8	36	48	16	17	18	55	.45	.087	41	56	.87	174	.07	33	1.82	.06	.14	12	49

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5560	1	3	3	20	.1	8	2	44	.81	2	5	ND	5	3	2	2	2	12	.05	.067	6	16	.07	13	.03	7	1.39	.01	.02	1	1
5561	1	2	4	11	.1	3	2	24	.85	2	6	ND	9	3	3	2	2	15	.05	.037	10	12	.04	8	.02	14	.90	.01	.03	1	1
5562	1	1	7	4	.1	1	1	12	.26	2	5	ND	4	2	1	2	2	5	.03	.008	5	4	.02	4	.01	8	.24	.01	.02	1	1
5563	1	3	2	28	.1	9	3	89	.67	2	5	ND	5	6	2	2	2	11	.15	.035	10	13	.12	15	.03	13	.63	.01	.02	1	1
5564	1	2	6	12	.1	8	3	90	.71	2	5	ND	5	6	1	2	2	12	.15	.038	11	15	.12	15	.03	9	.63	.01	.02	1	2
5565	1	2	2	7	.3	4	2	32	.60	2	7	ND	6	5	2	2	2	10	.09	.018	9	9	.07	9	.02	18	.64	.01	.03	1	1
5566	1	3	3	9	.2	11	5	49	1.15	3	5	ND	7	5	3	2	2	16	.09	.015	10	20	.14	19	.05	12	1.60	.01	.03	1	1
5568	1	4	6	10	.1	11	4	56	1.08	2	7	ND	6	7	3	2	2	16	.13	.033	9	18	.15	18	.04	15	1.10	.01	.03	1	1
5569	1	3	4	12	.1	7	2	116	.88	2	6	ND	5	6	3	2	2	14	.12	.073	9	13	.10	15	.03	10	.82	.01	.03	1	2
5570	1	3	6	13	.1	10	3	62	.86	2	5	ND	6	6	2	2	2	15	.14	.052	11	15	.13	25	.04	12	.83	.01	.03	1	1
5571	1	3	10	13	.1	9	2	96	1.40	2	5	ND	4	6	1	2	2	22	.10	.033	10	18	.11	21	.05	8	1.44	.01	.03	1	1
5572	1	3	6	16	.1	12	4	97	1.80	3	5	ND	3	8	1	2	2	23	.13	.025	10	21	.15	27	.06	7	1.40	.01	.03	1	1
5573	1	2	10	8	.1	8	2	41	1.11	2	6	ND	6	6	2	2	2	18	.08	.009	10	14	.10	21	.04	15	1.13	.01	.03	1	1
5574	1	3	5	13	.1	9	3	89	1.53	2	5	ND	5	7	1	2	2	21	.12	.036	9	17	.13	20	.05	11	1.52	.01	.03	1	5
5575	1	2	12	8	.2	8	3	38	1.19	2	5	ND	6	6	3	2	2	18	.09	.018	11	14	.10	19	.04	14	1.57	.01	.04	1	1
5576	1	4	6	13	.3	13	4	91	1.49	2	5	ND	5	6	2	2	3	21	.09	.033	12	19	.13	24	.05	10	1.94	.01	.04	1	1
5577	1	3	9	20	.1	5	3	208	1.30	2	5	ND	5	7	2	2	2	21	.10	.054	9	14	.09	23	.05	11	1.17	.01	.03	1	4
5578	1	5	9	22	.1	16	3	105	1.70	2	5	ND	5	6	1	2	2	24	.11	.059	9	25	.16	18	.05	9	1.55	.01	.04	1	1
5579	1	6	11	34	.1	16	4	125	2.09	3	5	ND	6	5	1	2	2	30	.10	.006	9	33	.17	21	.06	10	2.10	.01	.03	1	1
5580	1	4	5	29	.1	12	4	152	1.04	2	8	ND	8	7	3	2	2	17	.16	.007	10	18	.15	12	.04	17	.07	.01	.03	2	1
5581	1	7	9	14	.1	21	7	76	1.54	2	5	ND	8	9	2	2	4	19	.20	.022	12	27	.23	29	.05	11	1.54	.01	.04	1	2
5582	1	5	6	15	.1	13	4	73	1.24	2	5	ND	9	7	2	2	2	22	.19	.039	13	24	.17	10	.05	12	1.00	.01	.03	1	1
5583	1	7	5	11	.1	12	3	71	.94	2	5	ND	6	7	2	2	2	15	.14	.036	11	21	.17	17	.04	9	.84	.01	.03	1	2
5584	1	3	9	14	.1	10	3	43	1.20	3	5	ND	7	5	2	2	2	20	.09	.074	12	20	.11	12	.04	7	1.43	.01	.03	1	1
5585	1	4	5	10	.1	9	3	46	1.21	2	5	ND	7	6	2	2	2	18	.15	.039	10	19	.13	14	.04	13	1.48	.01	.02	1	1
5586	1	4	12	9	.2	11	3	49	1.03	2	6	ND	6	6	3	2	2	16	.15	.036	9	19	.13	14	.04	16	1.20	.01	.02	1	1
5587	1	2	7	15	.1	3	1	157	.54	2	5	ND	5	4	2	2	2	10	.05	.020	7	9	.03	17	.02	8	.33	.01	.02	1	1
5588	1	3	5	8	.1	5	1	57	.48	2	5	ND	4	4	1	2	3	10	.05	.008	8	12	.02	10	.02	7	.23	.01	.01	1	1
5589	1	2	9	8	.1	6	2	43	1.06	3	6	ND	6	4	3	2	2	20	.06	.006	9	12	.08	9	.05	13	.57	.01	.03	1	1
5590	1	2	5	10	.2	8	2	52	1.16	3	5	ND	5	5	1	3	2	17	.09	.018	9	16	.11	12	.04	11	.92	.01	.03	1	1
5591	1	2	6	7	.2	4	1	26	1.28	2	5	ND	6	5	2	2	3	28	.07	.008	8	15	.07	12	.07	13	.89	.01	.03	1	1
5594	1	2	6	10	.1	4	1	31	.81	2	5	ND	5	4	2	2	2	17	.06	.007	10	18	.06	9	.04	7	.57	.01	.02	1	2
5595	1	2	4	6	.1	3	1	20	.61	2	5	ND	4	4	1	2	4	14	.05	.006	7	8	.04	5	.04	8	.25	.01	.02	1	2
5596	1	6	8	17	.1	14	4	102	1.15	2	5	ND	5	9	2	2	2	17	.19	.033	11	21	.22	40	.05	12	1.07	.01	.04	1	2
5597	1	6	10	18	.1	14	4	131	1.06	2	5	ND	7	9	2	2	2	17	.19	.024	12	21	.24	45	.05	9	1.05	.01	.03	1	1
5598	1	4	10	11	.1	13	2	43	1.05	2	5	ND	5	6	3	2	3	18	.09	.009	9	23	.11	14	.04	10	.77	.01	.02	1	1
STD C/AU-S	18	58	41	128	7.1	67	27	1046	4.04	39	19	8	37	44	17	21	17	55	.46	.086	36	56	.89	175	.07	31	1.91	.06	.15	11	53

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5599	1	4	11	11	.2	8	2	31	1.18	2	8	ND	5	6	3	2	2	21	.08	.007	8	21	.07	19	.05	11	.78	.01	.02	1	1
5602	1	4	4	15	.1	12	4	55	1.49	2	5	ND	6	9	2	2	2	21	.17	.028	12	20	.15	34	.06	6	1.64	.01	.03	1	1
5603	1	3	2	2	.2	2	1	10	.17	2	13	ND	5	3	4	2	2	4	.03	.002	6	4	.01	5	.01	11	.14	.01	.02	1	2
5604	1	2	4	3	.1	3	1	17	.17	2	5	ND	6	4	4	2	4	6	.05	.001	10	5	.04	6	.04	12	.25	.01	.02	1	1
5605	1	1	4	4	.1	2	1	15	.19	3	7	ND	6	4	3	3	2	10	.04	.002	8	4	.03	6	.06	19	.26	.01	.02	1	3
5606	1	2	3	9	.1	5	2	36	.92	2	5	ND	6	4	1	2	2	16	.05	.020	7	12	.07	9	.04	8	.79	.01	.02	1	1
5607	1	1	3	3	.1	2	1	11	.20	2	8	ND	4	2	2	2	2	5	.02	.006	6	4	.01	5	.01	11	.19	.01	.01	1	2
5608	1	1	2	5	.1	1	1	21	.24	2	5	ND	4	3	2	2	2	6	.03	.005	5	4	.02	4	.01	10	.20	.01	.01	1	1
5609	1	4	8	29	.1	7	2	32	.89	2	5	ND	6	4	2	2	2	15	.07	.107	7	15	.08	12	.04	12	1.45	.01	.02	1	1
5610	1	3	5	27	.2	7	2	33	.86	2	5	ND	7	4	3	2	2	15	.09	.091	8	15	.09	13	.04	18	1.43	.01	.02	1	1
5611	1	3	4	18	.2	6	1	25	.76	2	6	ND	6	3	3	2	2	13	.05	.090	8	12	.06	9	.03	12	1.05	.01	.02	1	1
5612	1	4	9	18	.1	10	3	57	.89	3	9	ND	8	4	3	2	2	13	.08	.034	11	16	.10	10	.03	16	1.47	.01	.02	2	1
5613 P	1	6	23	57	.4	4	2	120	.26	7	7	ND	4	48	3	3	2	5	.94	.042	3	3	.05	40	.01	19	.29	.01	.04	1	1
5614	1	3	8	9	.1	7	2	32	1.54	2	9	ND	7	6	3	2	2	25	.08	.009	11	18	.10	22	.07	12	1.73	.01	.03	1	2
5615	1	2	7	11	.1	8	3	36	.91	2	8	ND	5	6	3	2	2	14	.08	.006	9	16	.11	18	.04	13	1.07	.01	.03	1	4
5616 P	1	18	10	23	.2	10	3	310	.32	3	5	ND	2	40	3	2	2	6	3.06	.055	9	9	.34	44	.01	14	.46	.01	.04	1	2
5617	1	2	6	9	.1	4	1	42	1.02	2	5	ND	6	6	2	2	3	19	.09	.006	8	12	.09	15	.08	13	.50	.01	.04	1	1
5618	1	3	8	12	.1	6	2	41	1.12	2	5	ND	5	6	2	2	2	20	.08	.007	9	12	.09	16	.06	12	.67	.01	.02	1	1
5619	1	4	6	15	.1	12	4	53	1.60	2	5	ND	5	10	1	3	2	28	.19	.019	11	21	.17	23	.08	11	1.08	.01	.03	1	1
5620	1	1	6	4	.1	2	2	233	.27	2	5	ND	4	4	1	2	3	6	.05	.004	9	4	.03	10	.02	10	.18	.01	.02	1	1
5621	1	3	5	16	.2	8	3	167	1.05	2	8	ND	5	8	2	2	2	15	.13	.021	10	14	.11	34	.04	13	.91	.01	.03	1	1
5622	1	5	7	20	.2	12	3	92	1.80	3	7	ND	7	7	3	2	2	25	.13	.020	10	22	.14	14	.07	15	.94	.01	.04	2	1
5623	1	2	7	9	.1	4	1	33	1.12	2	5	ND	4	4	1	2	2	24	.06	.005	7	13	.09	7	.07	11	.46	.01	.02	1	1
5624 P	1	18	68	107	.3	8	2	251	.25	3	5	ND	1	27	3	3	4	8	2.89	.070	2	6	.36	31	.01	30	.14	.01	.11	1	1
5625	1	1	2	4	.1	1	1	16	.17	2	5	ND	5	3	2	3	2	5	.06	.002	9	4	.02	5	.01	9	.10	.01	.01	1	1
5626	1	3	4	6	.1	3	1	21	.57	2	5	ND	7	4	2	2	2	17	.05	.003	11	8	.03	11	.03	13	.27	.01	.02	1	1
5627	1	2	3	7	.2	5	1	24	.59	2	11	ND	6	5	2	3	4	15	.07	.006	11	10	.06	12	.04	15	.30	.01	.03	1	1
5628	1	1	4	3	.2	2	1	14	.12	2	5	ND	6	4	3	2	3	4	.04	.002	10	3	.02	8	.02	12	.15	.01	.02	1	1
5629	1	1	2	3	.3	2	1	15	.15	2	9	ND	8	4	4	3	2	6	.05	.003	14	4	.02	8	.02	18	.21	.01	.02	1	1
5630	1	1	4	7	.1	4	1	35	.36	2	5	ND	5	6	2	2	3	10	.08	.002	10	10	.09	9	.04	7	.30	.01	.02	1	1
5631	1	4	9	22	.1	15	4	96	.83	2	5	ND	4	9	2	2	2	17	.24	.023	12	24	.29	21	.04	14	.66	.01	.04	1	1
5632 P	1	14	8	36	.1	19	8	940	1.26	3	5	ND	3	26	1	2	2	17	1.55	.083	21	27	.32	63	.01	10	1.07	.01	.06	1	1
5633 P	1	16	16	41	.3	15	5	437	.79	2	5	ND	2	44	3	2	2	10	3.00	.116	16	20	.35	69	.01	20	.81	.01	.05	1	1
5634	1	3	9	17	.1	12	3	83	.75	3	6	ND	6	7	2	2	3	17	.16	.007	11	21	.26	13	.05	13	.50	.01	.03	1	1
5635	1	3	2	25	.1	15	4	120	1.10	2	5	ND	5	8	1	2	3	24	.18	.009	12	24	.37	14	.09	5	.71	.01	.03	1	9
5636 P	1	27	17	19	.2	20	7	1571	.73	5	5	ND	2	65	3	2	2	7	3.29	.146	26	11	.27	71	.01	18	.68	.01	.03	1	1
STD C/AU-S	17	57	39	132	7.1	68	28	1049	3.89	39	21	7	36	44	16	19	19	55	.45	.087	40	55	.86	175	.07	33	1.83	.06	.15	12	48

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5637	1	5	3	13	.1	8	2	177	.59	6	5	ND	2	16	1	2	3	9	.61	.076	10	18	.18	23	.01	7	.64	.01	.02	1	1
5638	1	4	9	11	.2	9	3	97	1.32	2	5	ND	3	10	2	2	3	19	.18	.018	8	20	.16	27	.06	10	1.52	.01	.03	1	1
5639	1	2	4	2	.2	1	1	17	.24	2	6	ND	3	4	3	2	3	8	.04	.003	9	3	.02	8	.02	10	.15	.01	.02	2	2
5640	1	1	2	1	.1	1	1	12	.11	2	5	ND	4	3	2	2	2	3	.03	.002	8	3	.01	5	.01	10	.11	.01	.02	2	1
5643 P	1	14	16	19	.3	12	5	177	.68	5	5	ND	1	52	3	2	2	10	2.78	.057	11	24	.41	60	.01	10	.65	.01	.04	1	3
5644 P	1	13	16	29	.2	15	18	1679	1.75	9	5	ND	2	37	2	2	3	30	1.78	.038	18	32	.36	99	.02	9	1.41	.01	.06	2	1
5645 P	1	15	15	28	.3	9	3	389	.64	2	5	ND	1	53	4	2	5	5	3.29	.073	20	10	.30	74	.01	14	.64	.01	.03	1	1
5646 P	1	16	11	34	.4	9	2	404	.44	2	7	ND	1	54	3	3	2	5	3.87	.083	14	7	.30	68	.01	14	.50	.01	.04	2	2
5647	1	2	7	5	.2	3	1	31	1.07	2	5	ND	8	5	2	2	2	41	.10	.006	12	14	.05	8	.10	9	.30	.01	.02	2	2
5648 P	1	16	37	43	.3	9	4	985	.29	4	5	ND	1	43	3	2	4	4	3.13	.084	8	5	.25	64	.01	13	.34	.01	.04	1	7
5649	1	4	4	4	.2	2	1	19	.13	2	5	ND	2	9	1	2	2	3	.28	.007	10	3	.03	16	.01	5	.21	.01	.02	1	2
5650	1	2	2	2	.2	1	1	19	.24	2	5	ND	2	4	2	2	2	8	.06	.005	9	5	.02	16	.01	8	.19	.01	.01	1	2
5651	1	2	7	11	.1	5	2	92	.67	2	5	ND	4	6	1	2	2	18	.08	.003	10	11	.12	14	.05	6	.51	.01	.03	1	2
5652	1	6	8	12	.4	6	2	31	.50	3	5	ND	2	46	1	2	2	5	1.25	.045	9	6	.13	65	.01	10	.42	.01	.05	1	4
5653 P	1	22	14	57	.2	12	4	1014	.51	5	5	ND	1	58	4	2	2	7	4.69	.134	20	10	.41	71	.01	19	.81	.01	.04	2	2
5654	1	2	4	6	.3	3	1	34	.29	2	5	ND	2	8	2	2	2	6	.16	.009	9	9	.09	11	.02	6	.37	.01	.02	2	3
5655	1	2	3	2	.2	1	1	18	.06	2	8	ND	4	4	4	2	2	2	.06	.003	8	1	.01	9	.01	13	.09	.01	.02	1	1
5656	1	2	6	6	.2	4	2	65	.64	2	5	ND	4	7	2	2	2	13	.08	.005	9	10	.08	16	.04	9	.66	.01	.03	1	3
5657	1	2	5	7	.1	4	1	177	.41	2	5	ND	3	7	2	2	2	10	.10	.004	10	9	.08	23	.03	7	.51	.01	.02	1	1
5658	1	1	4	4	.2	3	1	72	.31	2	5	ND	3	8	2	2	2	9	.10	.003	11	8	.07	20	.03	7	.43	.01	.02	1	4
5659	1	3	4	7	.1	5	2	273	.64	2	6	ND	4	8	2	2	2	13	.10	.005	10	10	.11	31	.04	7	.68	.01	.03	1	2
5660	1	1	2	3	.1	1	1	18	.20	2	5	ND	4	4	1	2	3	8	.04	.003	8	4	.03	11	.03	7	.26	.01	.02	1	2
5661	1	2	9	7	.2	8	2	60	1.38	2	5	ND	3	6	1	2	2	25	.08	.018	8	16	.09	29	.06	7	1.54	.01	.03	1	1
5662	1	2	8	5	.1	3	1	12	.53	2	5	ND	2	4	1	2	2	13	.04	.008	9	9	.04	8	.04	5	.57	.01	.01	1	1
5663	1	3	8	8	.3	5	1	25	1.45	2	6	ND	5	5	2	2	2	23	.08	.034	8	21	.08	11	.03	6	2.17	.01	.02	1	1
5664	1	3	10	7	.2	4	1	20	1.47	2	5	ND	4	4	2	2	2	25	.07	.032	9	21	.06	10	.03	8	2.06	.01	.02	1	2
5665	1	3	7	14	.2	4	1	41	.86	2	5	ND	5	4	2	2	2	15	.06	.056	8	12	.06	12	.03	8	.87	.01	.02	1	1
5666	1	4	8	21	.1	5	2	68	1.18	2	5	ND	4	4	1	2	2	19	.06	.076	8	15	.08	14	.04	7	1.31	.01	.02	1	1
5667	1	2	3	7	.1	7	2	47	.57	2	5	ND	6	7	1	2	2	10	.20	.038	12	14	.16	9	.03	5	.73	.01	.02	1	2
5668	1	2	8	9	.2	5	2	27	.87	2	10	ND	5	5	2	2	2	16	.09	.009	7	15	.08	10	.04	8	1.08	.01	.02	1	1
5669	1	2	7	9	.1	6	2	37	.43	2	5	ND	2	7	2	2	2	7	.20	.024	7	11	.12	16	.02	7	.43	.01	.02	1	1
5670	1	13	28	31	.3	8	14	2264	.58	4	5	ND	1	39	4	2	2	8	1.84	.074	10	9	.18	99	.01	8	.56	.01	.04	1	2
5671	1	4	9	17	.2	9	3	176	.75	3	7	ND	3	11	2	2	2	14	.34	.025	10	17	.20	34	.03	8	.76	.01	.05	1	17
5672	1	1	3	1	.3	1	1	12	.07	2	8	ND	5	4	3	2	2	3	.07	.002	10	2	.02	6	.01	7	.09	.01	.02	1	1
5673	1	2	3	7	.1	5	1	58	.48	2	5	ND	6	7	2	2	2	10	.19	.022	14	11	.13	12	.03	8	.36	.01	.02	1	1
5674	1	2	4	10	.1	7	2	61	.68	2	5	ND	7	8	2	2	2	12	.21	.021	13	13	.17	11	.05	6	.36	.01	.02	1	1
STD C/AU-S	18	57	39	127	7.1	68	27	1042	4.00	36	19	7	36	44	17	16	20	55	.46	.088	37	56	.89	174	.06	32	1.94	.06	.14	12	50

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5676 P	1	23	7	21	.3	14	2	330	.55	3	5	ND	1	66	5	2	3	6	5.08	.104	19	10	.36	79	.01	12	.67	.01	.04	2	2
5677 P	1	15	45	93	.4	10	2	391	.20	4	9	ND	1	49	5	3	2	5	4.04	.078	7	4	.31	63	.01	19	.24	.01	.05	2	4
5678 P	1	20	11	15	.4	13	5	595	.58	4	5	ND	1	46	4	2	3	5	3.34	.126	22	7	.25	66	.01	17	.81	.01	.04	1	2
5679 P	1	17	14	21	.3	15	10	714	1.28	2	6	ND	2	29	4	2	2	10	1.52	.057	10	24	.26	57	.01	8	1.01	.01	.06	1	6
5680	1	3	8	15	.1	10	3	81	.68	2	5	ND	4	7	2	2	2	13	.24	.027	11	17	.20	15	.03	3	.57	.01	.03	1	1
5681	1	6	15	10	.2	9	7	720	.78	2	5	ND	2	16	2	2	2	13	.08	.053	12	17	.23	38	.01	8	.66	.01	.03	1	1
5682 P	1	23	49	61	.3	13	5	620	.53	4	6	ND	1	40	5	2	3	8	3.38	.103	12	7	.29	58	.01	19	.53	.01	.05	1	1
5683 P	1	21	8	52	.3	16	3	485	.52	3	10	ND	1	56	4	2	2	5	4.88	.123	22	10	.34	85	.01	12	.78	.01	.03	3	1
5684	1	1	5	3	.1	1	1	16	.12	2	5	ND	3	5	2	2	2	4	.09	.003	10	3	.02	5	.01	7	.16	.01	.01	1	1
5685 P	1	6	20	39	.2	4	1	60	.12	5	5	ND	2	35	3	2	2	2	1.83	.042	4	3	.14	40	.01	10	.18	.01	.03	1	2
5686 P	1	8	31	65	.3	4	1	61	.29	5	6	ND	1	30	3	2	2	2	1.17	.048	3	3	.10	53	.01	10	.14	.01	.04	1	2
5687	1	3	7	11	.3	9	3	48	.93	3	5	ND	4	8	2	2	3	14	.16	.015	9	13	.13	21	.03	7	1.01	.01	.03	2	2
5688	1	1	4	4	.1	1	1	15	.44	2	5	ND	3	3	2	2	2	10	.04	.003	9	4	.03	6	.02	6	.27	.01	.01	1	1
5689	1	1	7	3	.2	1	1	14	.25	2	6	ND	5	3	2	2	3	6	.02	.003	8	3	.02	6	.01	11	.24	.01	.02	1	1
5690	1	1	5	4	.1	1	1	21	.06	2	5	ND	3	3	2	2	3	2	.04	.003	9	2	.01	18	.01	8	.08	.01	.01	1	1
5691	1	2	8	14	.2	4	1	27	.89	3	5	ND	4	3	2	2	2	15	.05	.023	6	9	.05	7	.03	6	.71	.01	.02	2	1
5692	1	1	4	2	.2	1	1	4	.05	2	5	ND	3	2	2	2	3	1	.02	.003	8	1	.01	8	.01	6	.08	.01	.01	1	1
5694	1	4	5	12	.1	2	1	8	.09	2	5	ND	3	6	2	2	2	2	.07	.004	11	2	.01	26	.01	6	.11	.01	.01	1	1
5695	1	4	6	22	.1	10	5	226	.98	2	5	ND	4	13	3	2	2	18	.67	.034	11	17	.21	28	.02	8	.84	.01	.03	1	1
5696 P	1	18	14	53	.1	14	2	1174	.30	3	5	ND	1	55	4	2	2	5	4.75	.076	12	7	.36	61	.01	15	.46	.01	.03	2	2
5697	1	1	2	3	.1	1	1	14	.11	2	5	ND	5	2	2	2	2	3	.05	.002	11	2	.01	6	.01	3	.09	.01	.01	1	1
5698	1	2	8	7	.2	5	1	24	1.48	2	5	ND	4	4	2	2	2	33	.07	.009	8	14	.08	8	.07	8	.63	.01	.02	1	2
5699 P	1	19	12	77	.2	12	3	1354	.51	3	5	ND	1	50	4	2	2	7	4.38	.123	20	12	.37	81	.01	14	1.08	.02	.09	1	1
5700 P	1	13	59	183	.3	7	1	113	.22	7	5	ND	1	33	4	2	2	4	1.81	.061	4	2	.16	70	.01	15	.22	.01	.11	1	4
5701 P	1	19	108	143	.3	12	3	883	.39	8	5	ND	2	32	8	2	2	8	3.27	.076	4	7	.35	38	.01	18	.32	.01	.13	1	18
5702 P	1	8	23	29	.1	9	2	69	.55	3	5	ND	1	23	2	2	2	7	.99	.041	18	11	.16	33	.01	7	.56	.01	.07	1	2
5703 P	1	12	19	101	.1	7	1	47	.10	4	5	ND	1	37	2	2	2	2	2.38	.029	4	5	.19	54	.01	17	.14	.02	.08	1	1
5704 P	1	21	16	40	.3	13	3	637	.64	4	5	ND	1	51	5	2	2	6	3.84	.148	26	12	.32	67	.01	12	1.01	.01	.09	1	20
5705 P	1	21	9	71	.3	12	3	631	.51	3	5	ND	1	51	4	2	2	4	4.54	.096	23	9	.38	73	.01	12	.67	.01	.09	1	2
5706 P	1	18	23	41	.2	9	1	546	.31	3	5	ND	1	41	3	2	2	4	3.68	.093	15	5	.31	52	.01	12	.46	.02	.08	1	1
5707 P	1	8	25	29	.1	11	6	938	1.05	2	5	ND	1	25	1	2	2	16	1.37	.053	9	16	.27	47	.01	4	.68	.01	.06	1	8
5708 P	1	24	8	21	.3	15	2	76	.52	4	5	ND	2	52	5	2	2	4	2.83	.078	29	7	.19	72	.01	10	.61	.01	.06	1	2
5709 P	1	21	19	63	.2	16	6	668	1.03	4	5	ND	2	29	4	2	2	13	1.82	.051	19	17	.24	66	.01	7	1.00	.01	.06	1	1
5710 P	1	15	42	80	.1	10	1	220	.23	4	5	ND	1	47	2	2	2	5	3.52	.067	4	7	.27	56	.01	13	.22	.01	.08	1	2
5711 P	1	17	28	12	.4	20	4	55	.84	3	5	ND	1	70	5	2	2	6	3.14	.059	17	6	.22	56	.01	7	.78	.01	.06	1	1
5712	1	3	7	18	.1	12	5	148	1.03	2	5	ND	4	9	2	2	2	19	.26	.034	12	22	.23	32	.03	2	.03	.01	.03	1	1
STD C/AU-S	17	57	41	132	6.8	67	28	1050	4.08	39	18	6	36	44	16	17	19	55	.47	.086	38	53	.91	175	.06	34	1.94	.06	.14	12	50

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5713	1	2	4	7	.1	3	1	35	.35	2	5	ND	5	6	3	2	2	8	.11	.007	12	8	.08	11	.03	10	.29	.01	.02	1	1
5714	1	1	4	3	.1	2	1	15	.17	2	5	ND	4	4	2	2	2	7	.05	.002	8	3	.03	3	.03	13	.17	.01	.02	1	1
5715 P	1	13	11	48	.1	6	2	845	.65	2	5	ND	1	44	4	2	2	5	3.40	.073	3	5	.30	76	.01	14	.20	.01	.04	1	1
5716 P	1	23	6	21	.1	13	2	440	.63	2	5	ND	1	69	5	2	2	7	4.04	.201	64	19	.29	92	.01	10	1.42	.01	.07	1	2
5717	1	1	5	5	.1	1	1	16	.09	2	5	ND	4	4	2	2	2	4	.07	.002	10	2	.01	6	.02	9	.13	.01	.01	1	1
5718	1	1	4	2	.2	1	1	9	.18	2	5	ND	3	6	3	2	2	5	.06	.004	12	4	.01	8	.02	12	.32	.01	.02	1	1
5719	1	1	2	3	.1	1	1	5	.04	2	5	ND	2	3	2	2	2	1	.04	.005	7	2	.01	7	.01	4	.14	.01	.01	1	1
5720	1	2	2	2	.2	1	1	8	.18	2	5	ND	4	3	2	2	2	4	.02	.002	6	5	.01	4	.01	8	.09	.01	.01	1	1
5721	1	1	2	3	.1	1	1	12	.14	2	5	ND	2	3	2	2	2	4	.03	.003	8	3	.01	7	.01	4	.14	.01	.01	1	1
5722	1	1	2	5	.2	2	1	28	.57	2	8	ND	4	4	2	2	2	14	.08	.007	8	7	.04	6	.04	7	.26	.01	.03	1	1
5723	1	1	2	2	.1	1	1	12	.08	2	5	ND	4	3	1	2	3	3	.03	.002	10	2	.01	6	.01	4	.11	.01	.01	1	2
5724	1	1	4	2	.1	1	1	14	.09	2	5	ND	3	4	2	2	2	4	.05	.002	12	2	.02	8	.02	6	.18	.01	.02	1	1
5725	1	3	5	63	.1	15	5	139	1.27	2	5	ND	2	13	2	2	2	20	.25	.023	11	33	.52	33	.05	11	1.18	.01	.04	1	1
5726	1	1	2	7	.2	1	1	30	.13	2	5	ND	2	4	2	2	2	4	.05	.004	10	4	.02	14	.01	7	.14	.01	.02	1	1
5727	1	1	3	2	.2	1	1	9	.07	2	5	ND	4	2	3	2	2	2	.02	.002	12	1	.01	5	.01	7	.10	.01	.02	1	2
5728	1	1	8	9	.1	2	1	25	.88	2	5	ND	3	4	2	2	2	27	.04	.006	8	7	.05	11	.06	6	.39	.01	.03	1	2
5729	1	1	2	2	.1	1	1	8	.08	2	6	ND	1	3	1	2	2	3	.03	.003	10	2	.01	8	.01	4	.19	.01	.02	1	1
5730	1	4	11	17	.1	9	3	57	1.81	2	5	ND	5	7	2	2	3	17	.17	.035	9	26	.12	20	.04	6	1.82	.01	.03	1	1
5732	1	2	4	3	.1	1	1	9	.11	2	5	ND	4	4	3	2	3	2	.05	.003	11	3	.01	14	.01	9	.14	.01	.01	1	1
5733	1	1	4	10	.1	4	2	64	.42	2	8	ND	3	8	2	2	2	9	.23	.023	10	10	.12	15	.02	7	.43	.01	.03	2	1
5734	1	7	2	13	.2	4	1	13	.21	2	5	ND	2	34	3	2	2	3	1.44	.038	6	5	.10	46	.01	9	.22	.01	.04	1	2
5736	1	8	5	59	.1	16	12	2591	1.85	2	5	ND	1	24	3	2	2	33	.58	.039	15	26	.23	93	.03	7	1.44	.01	.07	1	1
5737	1	1	4	7	.2	3	1	57	.20	2	5	ND	2	6	2	2	3	6	.10	.006	8	6	.04	13	.02	10	.23	.01	.02	1	3
5738	1	6	9	35	.1	11	6	509	1.26	2	5	ND	2	12	2	3	2	29	.31	.025	15	19	.22	33	.04	7	.84	.01	.06	1	2
5739	1	5	12	32	.1	9	7	1436	.76	2	7	ND	2	11	2	2	3	15	.17	.020	12	15	.13	36	.02	8	.70	.01	.04	1	3
5740	1	3	7	13	.1	8	2	99	.57	2	5	ND	1	9	2	2	3	12	.17	.018	12	13	.14	24	.03	5	.58	.01	.03	2	1
5741	1	10	16	68	.1	18	13	2625	2.63	2	5	ND	2	18	3	2	2	40	.37	.051	12	23	.74	67	.11	7	1.46	.01	.15	1	1
5742	1	4	8	49	.1	13	7	507	1.83	2	5	ND	1	14	1	2	2	31	.41	.036	9	20	.63	40	.10	4	1.19	.01	.05	1	1
5743 P	1	12	21	34	.1	11	4	200	.63	3	5	ND	1	29	1	2	2	11	1.27	.041	9	10	.20	50	.02	9	.39	.01	.05	1	2
5744	1	3	15	15	.2	4	12	652	.48	2	5	ND	2	7	1	2	3	10	.13	.019	13	10	.09	20	.02	9	.40	.01	.04	1	1
5745	1	3	7	11	.2	5	1	67	.40	2	5	ND	4	7	1	2	2	10	.14	.008	13	9	.09	18	.03	9	.32	.01	.03	1	3
5746	1	8	19	72	.1	18	44	4015	3.69	2	5	ND	1	21	1	2	2	74	.48	.051	18	39	.35	96	.05	2	1.72	.01	.10	1	4
5747	1	2	3	18	.1	8	2	71	.62	2	5	ND	3	8	1	2	2	12	.19	.023	16	14	.18	17	.04	3	.51	.01	.03	1	1
5748	1	2	5	26	.1	6	2	51	1.24	2	5	ND	3	6	1	2	2	21	.11	.036	11	15	.10	14	.05	2	1.23	.01	.02	1	1
5749	1	3	4	23	.2	7	2	47	1.27	2	5	ND	4	6	1	2	2	21	.11	.036	10	14	.11	14	.05	7	1.22	.01	.03	1	2
5750	1	2	3	16	.1	4	2	32	1.18	2	5	ND	3	7	1	2	2	22	.10	.042	10	11	.08	12	.05	4	.70	.01	.02	1	1
STD C/AU-S	17	57	35	132	7.1	67	28	1049	3.97	38	20	7	36	44	16	19	17	56	.45	.086	39	53	.88	175	.06	32	1.86	.06	.15	11	51

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5751	1	2	8	17	.3	4	3	86	1.93	2	8	ND	5	6	2	2	3	31	.10	.021	8	15	.10	18	.07	14	.95	.01	.03	1	5
5752	1	3	9	17	.4	6	3	377	.75	2	10	ND	3	6	3	3	3	12	.10	.023	7	9	.08	32	.02	10	.62	.01	.03	1	6
5753	1	2	8	12	.2	6	3	57	1.26	2	5	ND	4	6	1	2	2	18	.10	.021	9	15	.10	16	.04	9	1.08	.01	.03	1	1
5754	1	2	4	12	.1	11	3	49	.97	2	5	ND	4	6	1	2	3	16	.16	.040	13	17	.16	16	.04	11	1.30	.01	.03	1	4
5755	1	2	6	11	.2	11	3	48	.96	2	5	ND	4	6	2	2	2	16	.15	.038	11	16	.15	15	.03	8	1.28	.01	.03	1	1
5756	1	2	2	13	.1	6	3	65	1.01	2	7	ND	2	5	1	2	2	14	.09	.023	7	12	.11	9	.04	9	.55	.01	.02	1	2
5757	1	2	6	12	.1	9	3	59	.88	2	5	ND	1	5	1	2	5	12	.12	.025	6	14	.12	11	.03	12	.82	.01	.02	2	1
5758	1	1	4	4	.1	1	1	14	.51	2	5	ND	4	3	1	2	2	15	.03	.003	10	6	.03	6	.05	10	.48	.01	.02	1	4
5759	1	1	9	6	.1	3	1	19	1.29	2	5	ND	4	4	1	2	3	24	.04	.006	9	12	.05	10	.05	4	1.27	.01	.02	1	1
5760	1	1	2	2	.2	1	1	11	.07	2	5	ND	3	3	1	2	2	3	.03	.002	8	2	.01	6	.01	10	.13	.01	.02	1	1
5761	1	1	2	4	.2	1	1	18	.16	2	5	ND	4	3	1	2	2	5	.04	.002	8	3	.02	8	.01	11	.15	.01	.02	1	1
5762	1	1	2	16	.1	2	4	202	.81	2	7	ND	5	5	1	2	2	12	.06	.005	10	8	.05	17	.04	9	.53	.01	.02	2	1
5763	1	1	2	7	.2	1	1	60	.36	2	5	ND	5	4	2	2	3	7	.04	.003	11	3	.02	9	.02	13	.23	.01	.02	1	2
5764	1	1	3	13	.2	2	2	119	.68	2	6	ND	7	5	2	2	4	12	.06	.004	12	7	.04	17	.04	13	.40	.01	.03	1	1
5765	1	2	5	7	.3	2	1	22	.47	2	7	ND	6	4	1	2	2	11	.05	.004	14	7	.05	14	.04	5	.63	.01	.02	1	2
5766	1	2	6	11	.1	6	2	34	.75	2	5	ND	6	5	1	2	2	15	.08	.008	12	13	.10	16	.05	7	1.17	.01	.02	1	1
5767	1	1	7	6	.1	2	1	22	.52	2	7	ND	6	4	2	3	2	13	.05	.004	10	7	.05	14	.05	9	.54	.01	.02	1	3
5768	1	1	3	2	.1	1	1	12	.15	2	7	ND	3	3	1	2	2	6	.02	.002	11	2	.01	6	.01	10	.15	.01	.01	1	1
5769	1	3	8	15	.2	8	3	101	1.86	2	5	ND	3	6	1	2	2	21	.13	.038	9	20	.11	17	.05	10	1.38	.01	.03	1	1
5770	1	2	3	10	.1	5	2	101	1.22	3	5	ND	3	5	1	2	2	24	.08	.020	6	14	.08	13	.05	8	.42	.01	.02	1	1
5771	1	1	2	10	.1	5	2	41	.46	2	5	ND	3	7	1	2	2	10	.19	.035	10	11	.14	11	.04	12	.45	.01	.02	1	1
5772	1	1	2	9	.1	4	2	33	.35	2	5	ND	3	7	1	2	2	8	.18	.026	11	9	.11	11	.04	14	.46	.01	.02	1	1
5773	1	2	4	5	.3	1	1	12	.10	2	5	ND	2	5	2	2	2	3	.05	.005	9	4	.02	15	.01	10	.18	.01	.02	1	2
5774	1	1	4	6	.1	2	1	20	.25	2	5	ND	5	4	1	3	3	10	.05	.002	10	5	.06	8	.05	6	.29	.01	.02	1	2
5775	1	1	2	3	.1	1	1	10	.12	2	5	ND	2	4	1	2	2	4	.03	.002	11	3	.02	7	.02	12	.20	.01	.01	1	2
5776	1	1	4	12	.1	5	2	40	.56	2	5	ND	4	6	1	2	2	11	.09	.008	13	11	.12	12	.05	5	.66	.01	.02	1	1
5777	1	2	2	13	.3	6	2	46	.78	2	5	ND	4	6	1	2	2	14	.12	.021	9	13	.15	12	.05	13	.86	.01	.03	1	2
5778	1	2	2	13	.1	7	2	45	.73	2	5	ND	3	6	1	2	2	11	.13	.023	8	14	.15	14	.04	5	.89	.01	.03	1	1
5779	1	2	2	12	.2	8	2	46	.66	2	5	ND	4	6	1	2	2	11	.12	.020	8	12	.14	16	.04	11	.80	.01	.03	1	1
5780	1	4	4	10	.1	15	3	136	.64	2	5	ND	3	8	1	2	2	10	.21	.037	10	16	.17	21	.03	17	.72	.01	.03	1	4
5781	1	2	10	14	.1	9	4	216	.71	2	5	ND	2	8	1	2	2	14	.18	.026	13	15	.16	27	.03	5	.67	.01	.03	1	1
5782	1	3	2	9	.3	14	3	103	.59	2	5	ND	5	8	1	2	2	10	.20	.034	11	14	.16	19	.03	9	.64	.01	.03	1	1
5783	1	7	16	19	.2	13	4	356	.88	2	5	ND	1	16	1	2	2	13	.64	.042	12	20	.20	53	.01	2	.86	.01	.04	1	4
5784	1	1	5	5	.1	1	1	19	.17	2	5	ND	3	5	1	2	2	7	.06	.003	10	5	.04	9	.04	2	.30	.01	.02	1	1
5785	1	1	5	12	.1	8	3	50	.66	3	5	ND	4	7	1	2	2	15	.13	.008	11	14	.17	18	.05	2	.68	.01	.03	1	1
5786	1	1	3	10	.1	7	2	39	.53	2	5	ND	4	6	1	2	2	13	.11	.007	11	11	.14	16	.05	10	.62	.01	.03	2	1
STD C/AU-S	17	57	37	132	7.1	68	28	1052	3.77	37	18	7	36	44	16	17	19	56	.46	.086	38	52	.08	175	.07	34	1.88	.06	.15	12	53

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5787	1	5	8	13	.1	16	5	77	.91	2	5	ND	5	10	1	2	3	17	.19	.029	16	21	.20	21	.05	2	1.04	.01	.03	1	4
5788	1	1	5	12	.1	9	3	56	.69	2	5	ND	3	6	1	2	2	11	.14	.032	9	13	.13	11	.03	6	.73	.01	.02	1	1
5789	1	2	4	12	.1	9	3	61	.81	2	5	ND	4	7	1	2	2	13	.15	.033	12	16	.13	11	.04	9	.74	.01	.02	1	1
5790	1	2	5	12	.1	9	3	68	.77	2	5	ND	7	7	2	2	2	13	.17	.035	15	15	.14	11	.04	7	.75	.01	.03	1	1
5791	1	3	9	17	.1	9	3	98	.91	2	5	ND	4	7	1	2	2	15	.13	.032	13	15	.12	17	.04	5	.90	.01	.02	1	1
5792	1	2	6	10	.1	3	1	61	1.13	2	5	ND	5	5	1	2	2	29	.06	.020	13	10	.06	12	.07	11	.51	.01	.03	1	1
5793	1	1	8	9	.1	3	1	69	1.17	2	5	ND	4	5	1	2	2	24	.05	.017	14	9	.05	12	.05	4	.52	.01	.02	1	3
5794	1	3	8	16	.1	8	3	147	1.97	3	5	ND	4	5	1	3	3	28	.07	.025	12	19	.10	18	.06	2	1.13	.01	.03	1	1
5795	1	3	8	16	.1	6	2	127	1.67	2	5	ND	4	6	1	2	2	27	.07	.022	13	17	.10	17	.06	9	1.03	.01	.03	1	1
5796	1	2	7	15	.1	2	2	300	.56	2	5	ND	2	4	1	2	2	10	.07	.020	8	8	.06	13	.03	4	.31	.01	.02	1	1
5797	1	1	7	18	.1	4	2	270	.62	2	5	ND	2	4	1	2	2	10	.07	.023	8	9	.06	17	.03	12	.36	.01	.02	1	4
5798	1	1	8	16	.1	3	2	499	.93	2	5	ND	2	4	1	2	2	9	.06	.019	7	8	.06	19	.03	9	.32	.01	.02	2	1
5799	1	1	6	10	.2	2	1	52	.55	2	5	ND	3	4	1	2	4	10	.05	.017	8	7	.05	9	.03	6	.34	.01	.02	1	2
5800	1	3	7	13	.1	8	3	167	2.03	2	5	ND	5	9	2	2	2	31	.15	.031	12	19	.14	18	.07	4	.79	.01	.03	1	1
5801	1	1	9	6	.3	2	1	45	.65	2	5	ND	4	6	1	2	2	13	.07	.006	11	9	.06	12	.05	10	.54	.01	.02	1	2
5802	1	3	6	12	.1	7	2	132	1.58	2	5	ND	4	7	1	2	2	23	.13	.020	11	17	.14	18	.06	7	.62	.01	.03	1	1
5803	1	1	7	9	.2	4	2	161	1.07	3	6	ND	3	6	1	2	3	15	.11	.006	15	12	.13	18	.05	2	.64	.01	.03	2	2
5804	1	2	8	16	.3	6	2	66	.61	2	5	ND	4	8	1	3	2	19	.20	.034	21	21	.20	20	.05	9	.99	.01	.04	2	1
5805	1	5	8	16	.2	14	4	88	1.10	2	9	ND	10	9	3	2	2	19	.14	.007	14	13	.13	18	.04	6	.50	.01	.03	1	1
5806	1	2	8	12	.1	6	2	51	.67	2	5	ND	6	7	2	2	2	14	.14	.007	14	13	.13	18	.04	6	.50	.01	.03	1	1
5807	1	2	5	9	.2	5	1	36	.54	2	5	ND	5	6	2	3	2	13	.09	.006	16	12	.09	10	.04	7	.53	.01	.03	2	12
5808	1	2	7	7	.2	2	1	37	.24	2	5	ND	8	6	3	2	3	7	.08	.006	26	8	.06	12	.03	5	.31	.01	.02	2	1
5809	1	1	8	6	.3	2	1	31	.60	2	5	ND	5	5	2	2	2	19	.06	.005	16	9	.05	9	.06	9	.40	.01	.02	2	1
5810	1	1	6	6	.2	2	1	107	.21	2	5	ND	5	6	2	2	2	7	.08	.004	18	7	.06	9	.04	6	.32	.01	.02	2	1
5811	1	3	3	12	.1	10	2	73	.70	2	5	ND	6	9	2	2	2	14	.19	.024	15	15	.18	16	.05	16	.56	.01	.03	1	1
5812	1	3	6	16	.2	11	3	120	.78	2	7	ND	7	9	2	2	2	15	.20	.023	21	21	.22	16	.05	12	.55	.01	.03	1	2
5813	1	2	2	8	.3	1	1	18	.11	2	9	ND	5	5	1	2	2	3	.06	.003	14	3	.02	15	.01	13	.14	.01	.02	1	1
5814	1	1	2	4	.2	1	1	17	.16	2	5	ND	4	4	1	2	2	5	.03	.002	15	4	.01	9	.01	8	.14	.01	.01	1	1
5815	1	1	6	4	.3	1	1	22	.36	2	7	ND	8	4	3	2	3	11	.04	.003	15	7	.02	5	.02	15	.15	.01	.02	1	1
5816	1	4	6	17	.2	12	4	137	.91	2	5	ND	2	11	2	2	2	15	.31	.038	16	20	.21	32	.03	15	.96	.01	.03	1	1
5817	1	4	2	14	.1	7	2	77	.55	2	5	ND	4	6	1	2	2	10	.13	.022	10	12	.12	11	.03	6	.51	.01	.02	1	1
5818	1	1	4	8	.1	1	1	29	.46	2	5	ND	5	4	2	2	2	11	.05	.006	12	8	.04	7	.03	11	.27	.01	.02	1	1
5819	1	3	8	16	.3	3	1	99	1.09	2	5	ND	3	5	1	2	2	21	.06	.023	9	10	.06	11	.04	9	.58	.01	.03	1	2
5820	1	2	9	19	.4	5	2	80	1.01	2	8	ND	6	7	2	3	2	23	.09	.007	12	14	.13	16	.08	8	.67	.01	.04	1	1
5821	1	1	8	8	.3	4	1	81	.66	2	5	ND	5	6	2	2	2	14	.07	.007	13	9	.07	11	.04	11	.56	.01	.03	1	2
5822	1	1	10	7	.3	2	1	36	.40	2	5	ND	5	7	2	2	2	11	.07	.004	16	7	.06	16	.04	11	.38	.01	.03	1	2
STD C/AU-S	18	58	44	132	6.7	67	29	1061	4.00	39	19	8	36	45	18	17	19	57	.46	.088	42	56	.88	171	.07	34	1.91	.06	.16	12	47

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5823	1	3	2	9	.1	4	1	32	.36	2	5	ND	2	5	1	2	3	9	.07	.007	10	8	.08	12	.03	4	.38	.01	.02	1	1
5824	1	1	4	5	.1	2	1	49	.18	2	5	ND	3	4	1	2	3	6	.05	.003	11	5	.03	9	.02	9	.24	.01	.02	1	1
5825	1	2	2	6	.2	1	1	15	.08	2	9	ND	4	4	2	2	2	3	.04	.004	11	2	.02	10	.01	10	.12	.01	.02	2	1
5826	1	1	8	12	.2	5	2	174	1.16	2	5	ND	4	5	1	2	2	17	.07	.022	9	13	.08	22	.05	10	.52	.01	.03	1	1
5827	1	1	6	11	.1	3	1	38	.71	2	5	ND	2	5	1	2	2	13	.06	.006	8	9	.05	12	.04	6	.31	.01	.02	1	1
5828	1	1	3	5	.1	1	1	34	.40	2	9	ND	5	4	2	2	2	12	.05	.004	8	4	.03	9	.03	7	.20	.01	.02	1	2
5829	1	3	7	13	.2	4	1	99	.99	3	5	ND	3	5	1	2	2	22	.09	.008	8	14	.07	27	.06	16	.36	.01	.03	1	1
5830	1	1	3	3	.2	1	1	17	.12	2	5	ND	3	3	1	3	2	5	.03	.003	9	2	.01	7	.02	7	.12	.01	.02	1	79
5831	1	1	2	4	.1	1	1	23	.15	2	5	ND	3	3	1	2	2	4	.04	.003	10	3	.03	9	.01	9	.16	.01	.02	1	18
5832	1	3	2	16	.1	13	3	138	.85	2	5	ND	4	7	1	2	2	15	.17	.021	11	22	.21	18	.04	8	.62	.01	.03	1	1
5833	1	3	7	20	.1	10	4	184	.89	2	6	ND	4	7	1	2	2	19	.16	.009	12	20	.22	23	.04	9	.73	.01	.03	1	1
5834	1	3	2	12	.1	6	2	101	.58	2	5	ND	3	6	2	2	2	11	.12	.007	10	12	.15	14	.03	7	.48	.01	.02	1	1
5835	1	3	2	14	.2	8	2	56	.66	2	11	ND	7	6	2	2	2	12	.15	.017	15	14	.19	15	.04	7	.59	.01	.03	1	1
5836	1	3	5	14	.2	8	2	114	.70	2	5	ND	4	8	2	2	2	12	.21	.036	13	16	.19	17	.03	12	.57	.01	.03	1	1
5837	1	4	2	15	.2	8	3	184	.70	2	5	ND	5	7	3	2	2	12	.20	.033	12	15	.18	18	.03	23	.54	.01	.03	1	2
5838	1	6	7	37	.1	16	7	529	1.56	3	8	ND	5	10	1	2	2	30	.29	.033	15	36	.36	45	.05	11	1.32	.01	.06	1	1
5839	1	5	5	28	.1	14	5	539	1.40	3	5	ND	3	9	1	2	3	24	.27	.036	12	38	.38	31	.05	9	1.01	.01	.05	1	1
5840	1	4	7	10	.2	6	2	36	2.46	5	5	ND	4	4	1	4	2	38	.09	.031	9	26	.10	12	.06	4	2.44	.01	.03	1	3
5841	1	1	7	5	.1	2	1	15	.50	2	5	ND	3	4	3	2	5	22	.04	.004	9	8	.04	7	.06	6	.51	.01	.02	1	1
5842	1	2	7	9	.1	4	2	27	2.04	2	5	ND	5	4	1	2	2	43	.07	.016	7	19	.09	11	.08	8	1.53	.01	.03	1	1
5843	1	3	2	7	.2	5	1	23	1.41	3	5	ND	5	4	2	3	3	28	.07	.016	10	17	.07	10	.05	8	1.35	.01	.02	1	1
5844	1	1	2	4	.2	1	1	12	.16	2	11	ND	7	3	3	2	2	5	.03	.002	11	4	.01	3	.01	6	.11	.01	.02	1	1
5845	1	1	6	24	.1	5	2	43	1.39	2	5	ND	4	4	1	2	3	25	.07	.030	8	14	.10	14	.06	10	.79	.01	.03	1	2
5846	1	1	5	19	.2	4	1	55	1.04	2	5	ND	6	4	2	2	4	21	.06	.024	7	13	.08	11	.05	8	.55	.01	.03	1	1
5847	1	2	2	10	.1	3	1	90	.67	2	5	ND	4	4	1	2	2	15	.06	.010	8	10	.06	6	.04	11	.37	.01	.02	1	1
5848	1	1	2	7	.1	2	1	59	.59	2	7	ND	5	4	3	2	2	13	.04	.005	8	7	.04	11	.03	13	.31	.01	.02	2	1
5849	1	2	8	11	.1	7	2	45	.97	3	9	ND	4	6	2	2	2	14	.12	.022	9	13	.10	15	.04	9	.83	.01	.02	1	1
5850	1	3	3	11	.1	7	2	43	1.01	3	7	ND	4	6	1	2	2	15	.11	.020	8	12	.10	16	.04	9	.79	.01	.03	1	2
5851	1	2	5	7	.1	4	1	51	.50	2	5	ND	4	4	1	2	2	17	.06	.003	8	9	.09	8	.06	20	.39	.01	.02	1	1
5852	1	1	4	5	.1	3	1	24	.32	3	5	ND	5	4	1	2	2	12	.05	.002	8	7	.06	6	.05	9	.27	.01	.02	1	3
5853	1	3	6	10	.2	9	2	57	.87	3	5	ND	5	5	1	2	2	19	.09	.008	10	14	.13	16	.05	11	.57	.01	.03	1	1
5854	1	4	2	11	.3	10	3	62	1.00	2	5	ND	5	6	2	2	2	17	.12	.020	11	14	.15	18	.05	14	.61	.01	.03	1	12
5855	1	1	4	2	.1	1	1	13	.12	2	5	ND	5	3	2	2	2	5	.04	.002	13	3	.02	5	.02	6	.13	.01	.01	2	6
5856	1	3	6	12	.1	7	2	54	1.59	3	5	ND	5	6	1	2	4	22	.13	.028	11	17	.10	19	.05	7	.92	.01	.03	1	1
5857	1	2	4	12	.3	7	3	58	1.54	4	5	ND	6	6	2	2	2	20	.13	.034	10	17	.11	19	.05	10	.97	.01	.04	1	1
5858	1	3	5	30	.4	6	2	66	.80	2	5	ND	6	5	2	2	2	14	.09	.033	10	12	.07	26	.04	17	.82	.01	.02	1	1
STD C/AU-S	18	57	37	127	7.0	67	27	1058	3.91	39	17	7	36	48	17	18	20	55	.45	.088	37	55	.87	174	.07	34	1.88	.06	.14	12	49

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5859	1	1	11	33	.3	6	2	80	.83	2	5	ND	7	6	3	2	3	14	.39	.028	13	11	.07	27	.04	10	.89	.01	.03	1	1
5860	1	1	6	11	.3	3	1	34	.72	3	5	ND	7	4	3	2	2	20	.06	.006	13	18	.05	7	.04	11	.33	.01	.02	1	1
5861	1	1	8	4	.3	3	1	17	.30	2	7	ND	7	3	4	2	2	8	.04	.002	13	6	.01	6	.01	8	.14	.01	.01	1	1
5862	1	2	7	10	.2	11	4	84	.84	2	5	ND	9	7	3	2	2	14	.17	.036	13	15	.13	14	.04	18	.77	.01	.03	1	1
5863	1	4	9	19	.2	12	3	58	1.10	3	5	ND	11	6	4	3	2	18	.14	.031	18	18	.15	19	.05	13	1.19	.01	.03	1	42
5864	1	2	8	8	.3	8	2	63	.50	3	5	ND	7	6	4	2	2	9	.15	.024	10	10	.12	12	.02	11	.49	.01	.03	1	1
5865	1	2	7	8	.5	8	3	67	.49	3	5	ND	7	6	5	2	2	8	.13	.023	9	9	.11	9	.02	14	.50	.01	.03	1	1
5866	1	3	9	8	.2	7	3	65	.54	2	5	ND	7	6	3	2	3	9	.14	.022	10	10	.11	11	.03	10	.55	.01	.02	1	6
5867	1	3	8	14	.3	6	2	34	.72	2	5	ND	8	5	4	2	2	14	.14	.020	15	12	.08	14	.03	13	.62	.01	.02	1	2
5868	1	5	10	27	.4	15	4	158	1.39	2	5	ND	12	6	3	2	2	25	.15	.070	20	26	.15	21	.05	12	1.50	.01	.03	1	4
5869	1	6	8	10	.4	6	2	91	1.20	4	5	ND	6	5	2	2	2	20	.07	.022	10	15	.07	13	.04	15	1.24	.01	.03	1	1
5870	1	2	7	8	.2	5	2	28	.97	2	6	ND	6	4	2	2	2	17	.06	.017	9	13	.07	12	.04	11	1.12	.01	.02	1	1
5871	1	3	9	7	.4	5	2	21	.92	3	5	ND	7	4	3	2	4	15	.05	.018	11	12	.06	11	.03	10	1.35	.01	.02	1	1
5872	1	1	8	5	.2	3	1	15	.46	2	5	ND	6	3	2	2	2	12	.04	.005	9	7	.03	7	.02	7	.26	.01	.02	1	1
5873	1	4	11	12	.2	13	3	73	1.01	3	5	ND	8	5	3	2	2	18	.11	.035	14	20	.15	12	.04	18	1.06	.01	.02	1	1
5874	1	3	7	31	.3	6	2	178	1.11	2	5	ND	8	5	3	2	2	23	.07	.033	14	17	.08	17	.04	11	.87	.01	.02	1	13
5875	1	2	7	9	.1	3	1	128	.73	3	5	ND	5	3	3	2	2	18	.04	.011	13	10	.03	6	.03	9	.37	.01	.02	1	2
5876	1	4	16	29	.2	10	3	83	1.47	3	6	ND	9	5	2	2	2	27	.08	.056	14	23	.12	16	.05	11	1.54	.01	.03	1	1
5877	1	1	6	5	.3	3	1	24	.42	3	5	ND	9	4	3	2	2	11	.03	.003	14	8	.02	6	.02	11	.24	.01	.02	1	1
5878	1	3	9	28	.3	15	3	107	1.76	2	5	ND	10	6	2	2	4	34	.12	.050	16	32	.16	18	.06	15	1.24	.01	.03	1	1
5879	1	3	9	26	.2	7	2	168	1.17	2	5	ND	9	5	3	2	2	24	.07	.039	14	17	.09	12	.04	11	1.04	.01	.03	2	1
5880	1	4	5	23	.3	11	3	87	1.21	2	5	ND	9	6	4	2	2	23	.11	.033	19	21	.13	16	.04	10	.86	.01	.02	2	1
5881	1	1	6	3	.3	2	1	12	.17	2	5	ND	6	3	4	2	3	5	.03	.003	10	3	.02	10	.01	12	.18	.01	.02	1	1
5882	1	1	2	3	.5	1	1	7	.09	5	6	ND	5	7	4	2	2	3	.28	.007	8	4	.03	7	.01	19	.17	.01	.03	1	2
5883	1	3	6	15	.5	9	2	55	1.21	2	5	ND	7	5	3	2	2	25	.09	.017	12	18	.11	17	.05	20	.84	.01	.03	1	3
5884	1	3	4	13	.3	7	2	53	1.09	2	5	ND	7	5	1	2	2	23	.08	.009	14	16	.10	17	.05	10	.75	.01	.02	1	2
5885	1	4	6	17	.3	11	3	56	1.29	2	7	ND	11	5	3	2	2	26	.10	.021	15	20	.14	19	.06	11	1.03	.01	.03	1	1
5886	1	4	4	16	.3	12	3	56	1.24	2	5	ND	9	5	4	2	2	25	.09	.018	12	20	.13	18	.06	12	.91	.01	.03	1	1
5887	1	4	8	19	.4	10	3	53	1.42	2	5	ND	8	5	2	2	3	28	.10	.020	14	20	.15	20	.07	13	1.04	.01	.03	1	1
5888	1	6	6	22	.2	16	4	193	1.01	2	5	ND	3	12	1	2	4	15	.39	.050	21	23	.21	46	.02	9	1.20	.01	.04	2	1
5889	1	1	6	5	.2	2	1	14	.28	2	6	ND	4	3	2	2	5	8	.03	.005	12	4	.02	5	.02	8	.20	.01	.02	1	2
5890	1	1	4	3	.2	1	1	11	.12	2	6	ND	4	3	2	2	4	5	.03	.003	9	3	.01	6	.01	11	.16	.01	.01	1	1
5891	1	1	3	5	.2	1	1	15	.30	2	5	ND	8	3	3	2	2	8	.04	.005	12	5	.02	7	.02	11	.19	.01	.02	1	3
5892	1	1	2	2	.2	1	1	10	.08	2	5	ND	5	2	1	2	2	3	.02	.002	10	2	.01	3	.01	8	.08	.01	.01	1	1
5893	1	1	3	3	.1	1	1	12	.14	2	5	ND	4	2	2	2	2	4	.02	.001	11	4	.01	5	.01	5	.08	.01	.01	1	2
5894 P	1	23	19	19	.1	13	4	1994	.61	4	5	ND	2	59	3	2	5	9	3.35	.150	52	15	.30	86	.01	12	1.22	.01	.05	1	1
STD C/AU-S	17	58	40	132	6.5	68	28	1053	3.93	39	22	8	36	45	16	18	18	56	.45	.085	40	56	.68	175	.07	33	1.89	.06	.15	12	53

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5895	1	19	15	19	.1	12	1	205	.26	3	5	ND	1	68	2	2	2	4	3.98	.136	36	5	.34	73	.01	8	.65	.01	.03	1	3
5896	1	1	4	7	.1	2	1	21	.53	2	5	ND	2	4	1	2	2	16	.07	.006	9	4	.03	5	.04	2	.29	.01	.01	1	1
5897	1	1	2	1	.1	1	1	16	.16	2	5	ND	3	3	2	2	2	4	.03	.001	12	3	.01	3	.01	2	.09	.01	.01	1	1
5898	1	19	5	15	.1	9	1	359	.20	2	5	ND	1	49	1	2	2	4	3.71	.112	7	5	.26	44	.01	13	.44	.01	.03	1	1
5899	1	1	4	3	.1	1	1	16	.22	2	5	ND	2	3	1	2	3	5	.04	.003	10	4	.01	6	.01	2	.13	.01	.01	1	1
5900	1	1	6	3	.1	2	1	14	.20	2	5	ND	3	3	1	2	3	5	.03	.002	9	4	.01	4	.01	4	.12	.01	.01	1	1
5901	1	4	5	20	.1	5	1	424	.27	2	5	ND	1	39	1	2	2	2	2.76	.044	2	3	.25	35	.01	10	.20	.01	.03	1	2
5902	1	16	25	71	.1	15	7	1087	.93	5	5	ND	1	66	2	2	2	6	3.08	.066	16	5	.22	85	.01	9	.70	.01	.05	1	4
5903	1	1	3	4	.1	2	1	41	.35	2	5	ND	3	4	1	2	2	9	.07	.003	13	7	.02	7	.02	2	.15	.01	.01	1	1
5904	1	2	10	22	.1	7	2	53	1.42	3	5	ND	4	5	1	2	2	26	.08	.097	12	18	.11	16	.06	4	1.50	.01	.03	2	1
5905	1	1	4	3	.1	2	1	20	.30	2	5	ND	3	4	2	3	2	9	.04	.003	9	6	.02	4	.03	13	.24	.01	.01	1	1
5906	1	1	3	3	.1	2	1	14	.12	2	5	ND	1	3	1	2	2	4	.02	.002	10	4	.01	3	.01	2	.12	.01	.01	1	2
5907	1	1	7	17	.1	5	1	63	.99	2	5	ND	4	4	1	2	2	22	.06	.048	11	13	.06	11	.05	5	.92	.01	.02	1	2
5908	1	1	4	9	.1	3	1	34	.86	2	5	ND	4	4	1	2	2	20	.06	.011	12	11	.06	9	.05	4	.72	.01	.02	1	6
5909	1	1	5	3	.2	1	1	17	.23	2	5	ND	4	3	2	2	2	6	.03	.003	9	4	.02	5	.01	5	.15	.01	.01	1	1
5910	1	2	6	16	.1	8	3	76	1.41	2	6	ND	5	5	1	3	2	26	.10	.099	13	20	.12	11	.06	3	1.40	.01	.02	2	2
5911	1	1	5	7	.1	5	1	41	.76	2	5	ND	3	4	1	2	2	18	.06	.010	9	12	.06	6	.04	2	.46	.01	.01	1	1
5912	1	1	3	2	.1	1	1	11	.14	2	5	ND	2	2	1	2	2	4	.02	.002	10	4	.01	3	.01	2	.13	.01	.01	1	1
5913	1	1	6	4	.1	2	1	18	.37	2	5	ND	4	4	2	2	2	11	.03	.004	12	5	.03	4	.03	6	.25	.01	.01	1	1
5914	1	1	4	7	.1	3	1	26	1.12	2	6	ND	4	3	2	2	2	27	.04	.017	9	10	.05	8	.06	13	.66	.01	.02	1	3
5915	1	1	5	4	.1	1	1	25	.15	2	5	ND	3	5	1	2	2	5	.08	.002	8	5	.03	6	.02	2	.25	.01	.02	1	1
5916	1	1	4	7	.1	4	1	45	.94	2	5	ND	5	5	1	2	2	20	.08	.007	13	13	.08	7	.05	2	.45	.01	.02	1	1
5917	1	1	7	9	.1	5	2	48	.95	2	5	ND	3	5	1	2	2	19	.08	.008	8	13	.09	8	.05	13	.53	.01	.02	1	2
5918	1	2	3	30	.1	6	2	89	.91	2	5	ND	4	5	3	3	2	17	.09	.039	13	15	.09	12	.04	8	.77	.01	.02	1	1
5919	1	2	5	27	.2	5	2	94	.80	2	5	ND	4	5	1	2	2	15	.09	.034	10	12	.09	11	.03	10	.68	.01	.02	1	1
5920	1	1	8	25	.2	5	1	171	.75	2	6	ND	2	5	1	3	2	15	.09	.030	9	12	.07	13	.03	6	.52	.01	.02	1	1
5921	1	1	2	9	.1	3	1	42	.66	2	5	ND	3	3	1	2	2	14	.04	.019	8	10	.04	7	.03	2	.54	.01	.01	1	2
5922	1	1	3	5	.1	2	1	17	.47	2	5	ND	1	2	1	2	4	8	.02	.012	2	7	.03	4	.02	2	.49	.01	.01	1	1
5923	1	1	4	4	.2	1	1	14	.36	2	5	ND	2	2	1	2	6	7	.02	.006	4	5	.02	4	.01	4	.28	.01	.01	1	2
5924	1	1	2	8	.1	5	1	29	.66	2	5	ND	1	3	1	2	4	12	.06	.020	5	14	.06	5	.02	2	.50	.01	.01	1	1
5925	1	1	2	3	.1	3	1	13	.31	2	5	ND	2	1	1	2	4	5	.03	.008	2	7	.03	3	.01	2	.22	.01	.01	1	2
5926	1	1	2	1	.1	2	1	6	.17	2	5	ND	1	1	1	2	2	2	.01	.003	2	4	.01	1	.01	2	.12	.01	.01	1	1
5927	1	1	2	1	.1	1	1	2	.05	2	7	ND	1	1	1	3	2	1	.01	.001	2	1	.01	1	.01	2	.03	.01	.01	1	1
5928	1	1	2	1	.1	1	1	2	.05	2	5	ND	1	1	1	3	3	1	.01	.001	2	1	.01	1	.01	3	.02	.01	.01	2	1
5929	1	1	2	1	.2	1	1	2	.02	2	5	ND	1	1	1	2	2	1	.01	.001	2	1	.01	1	.01	2	.02	.01	.01	1	1
5930	1	1	2	1	.2	1	1	2	.04	2	7	ND	1	1	1	2	2	1	.01	.001	2	1	.01	1	.01	4	.02	.01	.01	1	1
STD C/AU-S	17	57	39	131	6.5	68	28	1054	4.04	38	21	8	37	45	16	17	18	56	.46	.084	40	53	.90	172	.07	33	1.90	.06	.14	12	49

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5931	1	1	5	9	.2	4	2	36	.52	2	5	ND	4	8	2	2	3	12	.18	.004	9	14	.11	9	.03	8	.44	.01	.03	2	1
5932	1	7	2	9	.1	4	1	117	.19	2	5	ND	1	59	2	2	2	5	3.85	.043	9	5	.19	32	.01	16	.30	.01	.02	1	1
5933	1	7	4	10	.2	6	3	509	.63	2	5	ND	1	35	2	2	2	12	2.01	.054	15	17	.18	36	.01	8	.68	.01	.03	1	1
5934	1	3	9	10	.2	6	2	34	1.72	2	5	ND	6	5	3	2	2	28	.09	.016	11	17	.18	23	.06	12	1.48	.01	.03	2	3
5935	1	1	5	5	.2	4	1	20	.49	3	5	ND	4	3	2	2	2	10	.05	.005	8	8	.05	6	.02	7	.30	.01	.02	1	1
5936	1	1	2	1	.3	1	1	8	.08	3	5	ND	5	3	3	3	3	2	.04	.003	9	2	.01	5	.01	8	.07	.01	.02	1	1
5937 P	1	12	20	18	.3	9	3	58	.32	6	5	ND	2	46	3	2	2	4	2.40	.024	6	7	.18	32	.01	16	.33	.01	.04	1	1
5938 P	1	7	26	24	.4	4	2	22	.16	7	5	ND	1	46	3	2	2	3	2.41	.026	2	3	.19	25	.01	14	.15	.01	.04	1	1
5939 P	1	8	30	16	.4	6	3	81	.35	7	5	ND	2	41	4	2	2	5	2.24	.028	6	6	.17	25	.01	12	.35	.01	.04	1	1
5940 P	1	9	26	74	.3	5	2	179	.92	5	5	ND	1	43	3	2	3	15	2.55	.060	3	5	.13	41	.01	18	.22	.01	.03	1	1
5941 P	1	6	17	52	.2	4	2	99	.67	5	5	ND	1	31	3	2	2	9	1.85	.038	2	3	.09	30	.01	14	.14	.01	.02	1	1
5942 P	1	8	15	43	.3	4	2	243	.97	4	5	ND	1	33	3	2	2	10	1.97	.042	2	3	.10	33	.01	10	.13	.01	.03	1	2
5943 P	1	2	3	5	.1	2	1	11	.17	2	5	ND	1	8	2	2	2	1	.85	.008	5	3	.01	46	.01	6	.18	.01	.01	1	1
5944	1	1	3	2	.2	1	1	4	.06	3	5	ND	3	4	2	2	2	1	.02	.005	8	3	.01	20	.01	11	.09	.01	.01	1	1
5945	1	1	4	1	.4	1	1	4	.04	2	11	ND	3	1	2	2	2	1	.01	.004	9	3	.01	5	.01	9	.10	.01	.01	1	1
5946	1	1	4	2	.2	1	1	3	.04	2	5	ND	2	2	3	2	2	1	.01	.005	8	3	.01	10	.01	5	.09	.01	.01	2	1
5947	1	1	5	2	.1	1	1	6	.07	2	7	ND	2	2	3	2	2	3	.01	.003	10	2	.01	5	.01	9	.15	.01	.01	1	1
5948	1	1	2	1	.2	1	1	5	.03	2	5	ND	2	2	2	2	4	2	.01	.003	10	2	.01	4	.01	9	.13	.01	.02	2	1
5949 P	1	7	19	19	.3	3	1	27	.19	4	5	ND	1	35	3	2	3	2	1.94	.027	2	3	.14	20	.01	16	.15	.01	.05	1	1
5950 P	1	4	6	9	.4	2	1	14	.12	4	5	ND	1	35	3	2	2	2	2.12	.023	2	3	.14	15	.01	15	.09	.01	.03	1	1
5951 P	1	5	3	3	.2	2	1	14	.11	2	5	ND	1	40	1	2	2	1	2.28	.022	3	5	.12	20	.01	10	.13	.01	.01	1	1
5952 P	1	5	20	46	.2	3	1	542	.10	3	5	ND	1	49	3	2	2	6	4.15	.041	2	4	.26	21	.01	21	.15	.01	.03	1	1
5953 P	1	6	57	74	.3	4	1	150	.13	6	8	ND	1	44	4	2	2	8	3.76	.045	2	4	.28	15	.01	18	.12	.01	.04	1	1
5954 P	1	8	64	76	.2	6	1	91	.21	6	5	ND	1	40	3	2	3	5	3.46	.043	2	5	.27	14	.01	17	.17	.01	.05	1	8
5955	1	1	5	2	.2	1	1	8	.07	2	5	ND	4	4	2	2	2	2	.16	.003	10	2	.03	6	.01	7	.12	.01	.02	1	1
5956	1	2	2	2	.2	1	1	6	.06	3	5	ND	3	5	2	2	2	2	.18	.004	8	2	.03	5	.01	8	.10	.01	.02	1	1
5957	1	1	2	3	.2	1	1	7	.06	2	5	ND	4	3	2	2	2	2	.08	.003	10	3	.02	5	.01	5	.13	.01	.01	1	1
5958	1	1	5	3	.3	2	1	15	.10	2	8	ND	5	4	3	2	2	3	.06	.002	12	5	.03	5	.02	8	.17	.01	.02	2	2
5959	1	1	5	2	.1	1	1	7	.05	2	5	ND	4	2	1	2	2	1	.06	.004	12	2	.02	4	.01	2	.11	.01	.01	2	1
5960	1	1	4	1	.1	1	1	6	.04	2	5	ND	6	2	2	2	2	2	.04	.003	15	2	.01	3	.01	7	.10	.01	.01	1	13
5961	1	2	8	9	.1	4	1	34	1.17	2	5	ND	7	3	2	2	2	23	.05	.047	11	15	.06	10	.03	6	1.22	.01	.02	1	1
5962	1	1	7	5	.1	3	1	38	.90	2	5	ND	6	3	1	2	2	19	.04	.029	15	12	.04	8	.03	4	.86	.01	.02	1	1
5963	1	2	10	17	.1	8	2	62	1.06	2	5	ND	7	4	2	2	2	21	.09	.043	14	17	.11	12	.03	7	1.00	.01	.02	1	1
5964	1	4	7	24	.1	10	3	61	1.30	2	5	ND	7	5	2	2	2	23	.10	.049	11	21	.13	17	.03	9	1.13	.01	.02	1	1
5965	1	1	6	7	.1	2	1	26	.41	3	5	ND	5	3	2	2	2	10	.04	.005	14	8	.02	6	.01	4	.19	.01	.01	2	1
5966	1	2	6	13	.2	4	1	41	1.19	2	6	ND	6	3	2	2	2	26	.05	.056	12	17	.07	9	.04	8	.98	.01	.02	1	1
STD C/AU-S	18	57	44	132	6.9	67	28	1052	4.02	38	18	8	36	45	17	18	20	56	.46	.088	40	55	.89	172	.07	38	1.93	.06	.15	12	47

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5967	1	1	5	5	.1	2	1	25	.47	2	10	ND	4	4	1	2	2	16	.04	.003	9	9	.03	6	.04	13	.23	.01	.02	1	1
5968	1	3	7	14	.1	5	2	41	1.48	2	9	ND	7	4	1	2	2	36	.06	.009	12	15	.10	9	.08	11	.64	.01	.03	1	1
5969	1	2	10	11	.1	4	1	29	.62	2	8	ND	6	4	1	2	2	12	.05	.011	11	11	.05	7	.02	9	.53	.01	.02	1	1
5970	1	2	6	17	.2	7	3	44	.99	2	13	ND	7	4	2	2	2	17	.07	.047	10	16	.10	11	.04	15	1.15	.01	.03	2	1
5971	1	2	4	6	.1	2	1	24	.46	2	6	ND	6	4	1	2	2	11	.04	.005	11	8	.03	6	.03	9	.31	.01	.01	1	1
5972	1	1	2	5	.1	2	1	37	.37	2	6	ND	6	4	1	2	2	10	.04	.003	9	7	.02	7	.03	7	.26	.01	.01	2	1
5973	1	1	4	6	.1	2	1	49	.53	2	5	ND	5	4	1	2	2	12	.06	.007	11	9	.04	9	.03	10	.32	.01	.01	1	2
5974	1	2	9	12	.2	4	1	46	1.27	2	6	ND	6	4	1	2	2	26	.06	.037	10	15	.07	10	.06	14	1.00	.01	.02	1	1
5975	1	1	3	5	.2	1	1	33	.49	2	6	ND	7	3	2	2	2	11	.04	.005	12	5	.02	9	.03	15	.40	.01	.02	1	1
5976	1	1	2	5	.2	2	1	59	.47	2	5	ND	5	4	1	2	2	9	.04	.007	11	6	.03	13	.02	10	.52	.01	.02	1	2
5977	1	2	3	5	.1	4	1	41	.45	2	8	ND	5	4	1	2	2	10	.05	.006	11	9	.03	12	.03	11	.30	.01	.02	1	1
5978	1	1	2	3	.2	1	1	10	.08	2	5	ND	3	2	2	2	4	2	.02	.003	11	2	.01	9	.01	9	.11	.01	.01	1	2
5979	1	3	4	8	.1	3	1	19	.80	2	5	ND	4	3	1	2	2	13	.04	.023	5	12	.05	6	.03	13	1.24	.01	.02	1	1
5980	1	1	2	2	.1	1	1	11	.10	2	6	ND	2	2	1	2	2	4	.01	.001	5	4	.01	6	.01	6	.11	.01	.01	1	1
5981	1	4	6	16	.1	10	3	84	1.46	3	5	ND	8	5	1	2	2	27	.11	.038	16	24	.12	11	.05	11	1.02	.01	.03	1	1
5982	1	2	6	17	.1	7	2	111	1.38	3	5	ND	7	6	1	2	2	29	.11	.025	18	24	.13	10	.06	9	.76	.01	.02	1	1
5983	1	3	6	22	.1	9	3	69	1.50	2	5	ND	6	5	1	2	2	26	.09	.061	11	22	.12	13	.05	6	1.51	.01	.03	1	2
5984	1	2	5	7	.3	2	1	24	.65	2	9	ND	6	3	2	2	2	15	.04	.019	9	10	.04	10	.03	13	.39	.01	.02	1	2
5985	1	4	6	17	.1	8	2	46	1.84	3	5	ND	4	6	1	2	2	43	.10	.025	10	20	.13	17	.10	7	1.14	.01	.03	1	1
5986	1	2	5	17	.3	5	1	54	.24	2	5	ND	2	7	1	2	2	5	.25	.025	7	12	.08	10	.01	10	.38	.01	.02	1	1
5987	1	2	8	39	.1	3	1	62	.92	2	5	ND	2	8	1	2	2	25	.23	.007	7	10	.08	21	.02	10	.60	.01	.02	1	2
5989	1	1	2	2	.1	2	1	15	.14	2	5	ND	5	3	1	2	2	5	.03	.002	12	6	.01	6	.01	10	.13	.01	.01	1	1
5990	1	1	4	2	.2	1	1	14	.23	2	7	ND	3	3	2	2	2	6	.03	.002	10	6	.01	6	.01	8	.15	.01	.02	1	2
5991	1	2	3	11	.1	4	2	47	.38	2	5	ND	4	7	1	2	2	8	.15	.004	8	11	.13	10	.03	8	.43	.01	.02	1	2
5992	1	4	3	11	.1	14	4	85	1.07	2	5	ND	8	7	2	2	2	18	.17	.040	15	21	.16	13	.04	10	.99	.01	.02	1	1
5993	1	2	9	13	.2	7	2	91	1.64	3	8	ND	5	6	1	3	4	28	.08	.034	9	19	.10	20	.06	9	1.22	.01	.03	1	3
5994	1	2	7	16	.2	4	2	196	1.60	3	6	ND	4	5	1	2	2	33	.07	.043	10	16	.09	17	.06	7	.84	.01	.03	1	1
5995	1	3	13	19	.1	9	3	85	2.13	4	5	ND	5	6	1	2	2	36	.09	.080	11	26	.11	18	.06	5	1.68	.01	.03	2	3
5996	1	4	8	17	.2	9	3	72	2.21	4	5	ND	3	6	1	2	2	37	.09	.111	8	26	.13	16	.07	6	1.34	.01	.03	1	1
5997	1	3	3	15	.2	10	3	130	1.13	2	8	ND	6	5	2	2	2	17	.10	.076	11	16	.12	10	.04	11	1.19	.01	.03	1	1
5998	1	3	7	13	.2	4	2	75	1.14	2	6	ND	4	5	2	2	2	22	.08	.036	10	16	.08	10	.04	6	.64	.01	.02	1	1
5999	1	5	9	25	.1	15	4	97	1.39	2	5	ND	5	5	2	2	2	23	.10	.057	12	25	.16	20	.05	7	1.40	.01	.03	1	1
6000	1	3	13	17	.2	5	2	50	1.78	3	5	ND	5	5	1	3	3	31	.06	.035	9	21	.08	18	.05	5	1.84	.01	.03	1	5
7001	1	12	12	15	.1	3	1	31	.58	3	5	ND	3	3	1	2	2	11	.07	.021	8	12	.04	6	.02	4	.78	.01	.01	1	2
7002	1	3	4	25	.2	8	3	70	.88	2	5	ND	4	9	2	2	2	13	.14	.073	8	15	.10	23	.03	8	1.22	.01	.03	1	1
7003	1	2	7	12	.1	4	1	100	1.04	2	5	ND	4	4	2	2	2	19	.06	.056	13	14	.06	10	.03	7	.87	.01	.03	1	2
STD C/AU-S	18	58	41	132	7.1	67	28	1047	4.06	44	17	7	36	44	17	16	20	56	.47	.088	38	55	.90	175	.07	32	1.90	.06	.15	11	53

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
7004	1	2	2	11	.1	1	1	35	.56	2	5	ND	8	4	2	2	4	11	.04	.019	12	8	.03	11	.02	11	.51	.01	.02	2	1
7005	1	3	12	19	.1	5	2	242	1.08	2	8	ND	7	4	1	2	2	19	.05	.050	11	19	.06	13	.03	8	1.20	.01	.02	1	1
7006	1	4	7	33	.3	7	2	65	2.15	2	6	ND	6	6	1	2	3	43	.07	.067	10	26	.14	17	.07	16	1.96	.01	.04	2	2
7007	1	1	2	3	.2	1	1	18	.38	2	5	ND	5	4	1	3	2	8	.03	.006	8	7	.02	10	.01	11	.25	.01	.02	1	1
7008	1	4	4	11	.1	8	2	42	1.11	3	5	ND	5	4	1	2	3	19	.06	.038	7	19	.09	13	.04	6	1.37	.01	.02	1	1
7009	1	2	8	8	.1	2	1	36	.89	2	5	ND	5	5	1	2	2	24	.05	.007	12	14	.05	10	.04	6	.56	.01	.02	1	1
7010	1	4	7	18	.3	6	2	81	1.37	3	5	ND	7	8	1	2	2	28	.08	.022	11	21	.08	21	.04	8	1.29	.01	.02	1	210
7011	1	3	11	20	.2	5	2	47	1.43	2	7	ND	6	4	1	2	2	30	.04	.032	9	19	.10	15	.05	9	1.56	.01	.03	1	13
7012	1	2	4	13	.1	5	2	57	.91	2	5	ND	5	5	2	2	2	17	.08	.024	10	14	.07	14	.03	5	.89	.01	.02	1	1
7013	1	4	8	10	.1	12	4	60	1.03	2	5	ND	8	5	2	2	4	17	.09	.032	14	22	.14	15	.04	13	1.20	.01	.02	1	1
7014	1	4	4	11	.1	9	2	63	.66	2	5	ND	5	4	3	2	2	11	.07	.034	7	13	.11	8	.03	10	.79	.01	.02	1	1
7015	1	2	3	9	.1	4	2	56	.71	2	5	ND	6	5	1	2	2	13	.09	.025	11	13	.07	7	.03	7	.60	.01	.02	1	1
7016	1	1	2	2	.1	1	1	13	.23	2	5	ND	4	3	1	2	3	5	.03	.004	8	5	.01	4	.01	10	.15	.01	.01	1	1
7017	1	2	2	2	.2	1	1	9	.11	2	5	ND	4	2	2	2	3	3	.02	.002	7	2	.01	7	.01	11	.10	.01	.01	1	2
7018	1	1	2	3	.2	1	1	15	.25	2	7	ND	4	3	2	2	3	6	.02	.005	9	5	.01	4	.01	10	.18	.01	.01	1	1
7019	1	1	3	3	.2	1	1	21	.37	2	5	ND	3	3	2	2	3	7	.03	.009	9	6	.02	4	.01	12	.25	.01	.02	1	1
7020	1	4	7	8	.3	8	3	38	1.22	3	5	ND	6	5	2	2	3	21	.09	.049	8	20	.12	14	.05	17	1.16	.01	.04	1	21
7021	1	1	2	2	.1	1	1	9	.22	2	5	ND	5	3	3	4	5	5	.03	.007	6	5	.01	4	.01	11	.15	.01	.02	2	1
7022	1	1	2	3	.2	1	1	10	.15	2	5	ND	4	3	3	3	2	4	.03	.003	6	3	.01	3	.01	11	.15	.01	.02	2	27
7023	1	1	2	2	.1	1	1	11	.19	2	5	ND	5	3	3	2	2	5	.03	.005	9	3	.02	5	.01	10	.15	.01	.02	1	32
7024	1	2	2	8	.3	4	1	28	.91	2	5	ND	5	4	2	2	2	14	.06	.025	10	9	.06	8	.03	12	.74	.01	.03	1	1
7025	1	1	2	4	.2	1	1	41	.20	2	5	ND	4	3	1	2	2	4	.03	.005	7	3	.02	7	.01	16	.16	.01	.03	1	2
7026	1	2	8	7	.1	2	1	37	.74	2	5	ND	4	4	2	3	2	13	.05	.036	9	7	.04	12	.03	14	.53	.01	.03	1	1
7027	1	1	2	7	.1	1	1	42	.25	2	5	ND	2	4	1	2	2	6	.04	.007	8	4	.02	7	.01	7	.14	.01	.02	1	1
7028	1	3	3	10	.3	4	1	58	.93	2	5	ND	5	5	3	2	4	15	.08	.041	11	10	.07	8	.04	16	.47	.01	.04	2	1
7029	1	4	5	17	.1	8	2	61	1.05	2	5	ND	6	4	3	2	3	18	.05	.036	11	18	.07	10	.04	13	1.34	.01	.02	2	1
7030	1	2	3	5	.2	1	1	21	.39	2	5	ND	7	4	3	2	2	9	.03	.004	10	6	.02	10	.01	15	.30	.01	.02	1	1
7031	1	2	2	4	.1	1	1	16	.31	2	5	ND	4	3	2	2	2	7	.03	.004	7	6	.02	5	.01	11	.23	.01	.01	2	1
7032	1	2	4	9	.3	2	1	78	.58	2	5	ND	6	3	3	2	4	11	.04	.017	6	9	.03	8	.02	15	.67	.01	.02	1	1
7033	1	4	2	12	.3	4	1	33	.72	2	5	ND	6	4	4	2	2	13	.04	.020	8	11	.05	10	.02	14	.74	.01	.03	2	1
7034	1	4	7	13	.3	7	2	38	.83	2	5	ND	6	4	3	2	3	14	.05	.037	7	13	.07	16	.03	14	1.14	.01	.03	1	2
7035	1	2	3	6	.2	3	1	17	.65	3	5	ND	5	3	2	2	2	13	.03	.019	7	8	.04	7	.03	10	.49	.01	.02	1	2
7036	1	3	2	12	.2	5	2	31	.96	2	5	ND	7	3	2	2	2	17	.04	.054	9	13	.05	16	.03	13	1.26	.01	.02	1	1
7037	1	3	2	9	.2	4	1	26	.74	2	6	ND	6	3	2	2	2	14	.04	.032	6	10	.05	11	.03	17	1.00	.01	.02	1	1
7038	1	2	2	10	.2	2	1	24	.60	2	7	ND	5	3	3	2	2	11	.03	.023	6	9	.04	10	.02	21	.67	.01	.02	1	2
7039	1	4	4	9	.1	8	3	38	.87	2	8	ND	6	8	2	2	2	15	.11	.015	12	15	.12	22	.04	14	1.31	.01	.03	2	1
STD C/AU-S	18	58	38	127	6.8	68	28	1047	3.94	37	20	8	36	44	17	16	19	55	.45	.084	39	55	.87	175	.07	31	1.87	.06	.15	13	52

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
7040	1	3	6	9	.1	5	2	39	.77	4	5	ND	4	8	2	2	2	16	.10	.007	11	11	.09	24	.04	11	.87	.01	.03	2	3
7041	1	1	4	4	.4	2	1	17	.59	4	7	ND	5	4	5	4	2	13	.04	.023	7	9	.03	5	.03	14	.50	.01	.02	1	1
7042	1	2	4	2	.2	2	1	14	.31	2	7	ND	4	4	3	2	2	8	.03	.006	9	5	.02	5	.02	15	.26	.01	.02	1	2
7043	1	2	2	4	.3	2	1	18	.40	2	8	ND	4	3	2	3	2	8	.04	.019	10	6	.03	5	.02	13	.39	.01	.02	1	1
7044	1	2	2	2	.3	1	1	16	.22	2	5	ND	6	4	3	2	2	5	.06	.003	8	4	.01	4	.01	20	.08	.01	.02	1	2
7045	1	2	3	19	.4	6	3	190	.66	2	7	ND	9	8	3	2	2	12	.17	.006	13	13	.16	15	.04	15	.59	.01	.04	1	1
7046	1	1	2	7	.2	1	1	26	.34	2	5	ND	5	4	3	2	2	8	.05	.020	10	5	.04	9	.03	13	.31	.01	.03	1	2
7047	1	1	2	2	.3	1	1	18	.12	3	7	ND	6	5	2	2	2	4	.04	.002	12	3	.02	6	.02	11	.18	.01	.02	1	1
7048	1	1	3	4	.4	1	1	17	.16	3	8	ND	6	4	5	3	2	4	.05	.003	9	4	.02	7	.01	17	.15	.01	.03	1	1
7049	1	4	4	14	.3	9	3	176	1.45	2	7	ND	9	9	2	2	3	21	.14	.034	14	20	.20	20	.07	13	.85	.01	.06	1	3
7050	1	2	4	9	.2	4	2	50	.73	2	6	ND	6	6	3	2	2	12	.08	.023	13	10	.08	10	.04	23	.43	.01	.04	1	1
7051	1	4	4	16	.3	9	3	159	1.24	2	7	ND	7	9	4	3	2	18	.18	.061	12	19	.19	32	.05	29	.76	.01	.06	1	1
7052	1	1	2	5	.2	1	1	18	.39	3	5	ND	5	3	3	2	2	9	.03	.008	8	6	.02	4	.02	15	.35	.01	.01	1	1
7053	1	1	3	5	.2	1	1	18	.30	2	7	ND	5	4	4	2	2	8	.03	.005	8	5	.02	3	.02	19	.21	.01	.02	1	1
7054	1	2	6	28	.2	6	2	96	1.06	2	7	ND	7	5	1	5	2	19	.06	.051	12	15	.07	13	.04	11	1.60	.01	.03	2	1
7055	1	1	2	5	.1	1	1	18	.23	2	6	ND	5	4	3	2	2	6	.04	.003	9	4	.02	4	.02	19	.18	.01	.02	1	1
7056	1	2	5	15	.3	6	2	72	1.04	2	7	ND	7	5	2	3	3	20	.07	.027	11	16	.09	12	.04	15	1.04	.01	.02	1	1
7057	1	3	8	16	.4	7	3	73	1.04	2	6	ND	10	6	2	3	2	20	.08	.033	15	17	.09	13	.05	16	1.05	.01	.03	1	1
7058	1	2	4	7	.1	2	1	29	.78	2	5	ND	8	5	2	2	2	19	.04	.015	15	11	.05	9	.04	9	.79	.01	.02	1	1
7059	1	1	2	3	.1	1	1	19	.28	2	5	ND	8	3	2	3	2	7	.03	.004	14	5	.02	5	.02	9	.20	.01	.02	1	1
7060	1	4	6	19	.1	10	3	93	1.38	2	5	ND	10	6	3	2	2	27	.10	.038	19	26	.15	11	.05	9	1.07	.01	.02	1	2
7061	1	3	7	22	.1	6	2	91	1.37	2	5	ND	10	6	3	2	2	30	.07	.047	17	20	.09	14	.05	11	1.48	.01	.02	1	1
7062	1	3	4	15	.1	9	3	54	.86	2	5	ND	6	5	2	2	2	14	.08	.040	7	16	.10	11	.04	14	1.23	.01	.03	1	2
7063	1	3	5	21	.1	8	2	122	.92	3	6	ND	4	6	1	2	2	17	.09	.042	10	16	.10	12	.04	16	1.11	.01	.02	1	2
7064	1	2	7	14	.1	9	3	63	.77	2	6	ND	7	6	2	3	2	13	.10	.041	10	14	.12	9	.04	15	.99	.01	.02	1	1
7065	1	2	2	6	.1	3	1	25	.57	2	5	ND	3	4	1	2	2	11	.05	.010	7	9	.04	6	.02	12	.52	.01	.02	1	1
7066	1	2	5	15	.1	8	2	54	.74	2	5	ND	4	5	1	3	2	12	.08	.044	8	14	.11	10	.03	12	1.03	.01	.02	1	1
7067	1	1	2	5	.2	1	1	21	.34	2	5	ND	4	3	2	3	2	7	.03	.008	9	6	.02	6	.01	11	.33	.01	.01	1	1
7068	1	1	4	7	.2	1	1	24	.41	2	6	ND	4	3	3	2	2	8	.04	.020	6	6	.03	6	.01	14	.47	.01	.01	1	4
7069	1	1	5	11	.2	2	1	121	.61	2	7	ND	5	4	2	2	2	12	.05	.029	10	11	.04	8	.02	19	.57	.01	.02	1	1
7070	1	1	7	15	.1	3	1	78	.71	2	5	ND	6	4	2	2	2	13	.06	.056	9	11	.04	10	.03	11	1.09	.01	.02	1	31
7071	1	1	5	6	.1	1	1	33	.53	2	5	ND	5	5	2	2	2	11	.06	.022	9	6	.04	8	.04	8	.37	.01	.02	1	1
7072	1	1	4	5	.2	1	1	31	.44	2	5	ND	5	5	2	3	2	9	.06	.020	10	6	.03	8	.03	14	.34	.01	.02	1	1
7073	1	1	6	7	.3	2	1	44	.73	2	5	ND	4	9	1	2	2	13	.07	.057	9	10	.06	10	.03	12	.56	.01	.03	1	2
7074	1	1	6	5	.1	2	1	26	.47	2	5	ND	1	6	1	2	2	10	.06	.023	9	6	.04	7	.02	3	.34	.01	.02	1	2
7075	1	1	3	11	.1	8	3	74	.65	2	5	ND	6	7	3	2	2	12	.16	.040	10	14	.14	12	.04	10	.71	.01	.03	1	4
STD C/AU-S	17	58	38	127	7.1	67	27	1049	3.89	36	22	6	36	48	17	19	19	56	.45	.091	37	55	.86	174	.07	33	1.86	.06	.14	12	51

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
7076	1	4	6	15	.5	9	3	140	.77	2	5	ND	4	6	1	2	2	13	.12	.045	13	13	.11	15	.03	8	.72	.01	.03	1	1
7077	1	2	5	11	.4	6	2	81	1.46	2	7	ND	4	5	1	2	2	20	.09	.036	12	17	.10	12	.05	12	1.42	.01	.03	1	1
7078	1	2	6	5	.5	4	1	35	.66	2	9	ND	4	4	1	2	2	13	.06	.011	8	9	.05	6	.03	10	.26	.01	.02	1	1
7079	1	2	2	4	.3	3	1	34	.58	2	5	ND	5	4	2	2	2	12	.06	.008	21	9	.03	6	.02	7	.23	.01	.02	1	2
7080	1	1	6	7	.4	3	1	25	.30	2	7	ND	4	6	2	2	2	9	.06	.004	13	6	.06	10	.04	10	.31	.01	.03	1	25
7081	1	3	8	8	.4	6	2	37	.40	2	5	ND	5	6	2	2	3	10	.08	.004	14	9	.08	10	.05	11	.41	.01	.03	1	3
7082	1	2	3	14	.5	6	2	44	.58	2	5	ND	5	6	1	2	2	13	.08	.004	13	11	.13	11	.05	21	.57	.01	.03	1	1
7083	1	2	7	10	.4	4	2	36	.36	3	7	ND	6	6	3	2	3	11	.07	.004	16	8	.08	12	.04	11	.41	.01	.03	1	6
7084	1	2	5	10	.3	4	1	42	.50	2	5	ND	4	6	2	2	2	12	.09	.005	13	9	.09	16	.05	7	.47	.01	.02	1	3
7085	1	1	4	4	.5	1	1	32	.15	2	9	ND	7	5	4	2	2	6	.05	.004	17	4	.02	11	.02	11	.19	.01	.03	1	1
7086	1	3	7	11	.3	13	3	64	1.02	2	5	ND	11	8	1	2	3	24	.21	.041	24	18	.15	16	.05	3	.72	.01	.03	1	1
7087	1	2	6	10	.5	6	2	54	.52	2	7	ND	5	7	3	2	2	12	.13	.007	14	12	.14	20	.04	15	.54	.01	.03	1	5
7088	1	2	8	9	.3	6	2	36	.45	2	5	ND	4	6	1	2	3	12	.10	.004	13	12	.10	12	.04	11	.47	.01	.02	1	1
7089	1	1	2	5	.3	4	1	30	.31	2	5	ND	4	5	1	2	4	8	.08	.002	10	7	.08	7	.03	21	.26	.01	.02	1	3
7090	1	1	2	13	.3	8	2	84	.56	2	5	ND	4	7	1	2	2	12	.14	.009	10	14	.15	15	.04	18	.46	.01	.03	1	1
7091	1	3	7	16	.2	8	3	251	.71	2	5	ND	3	9	2	2	2	14	.27	.023	13	14	.19	26	.03	8	.64	.01	.03	1	1
7092	1	1	2	2	.1	2	1	15	.29	2	5	ND	3	3	1	2	2	7	.03	.002	10	6	.01	4	.01	8	.08	.01	.01	1	3
7093	1	3	12	14	.2	12	3	51	1.86	2	5	ND	6	8	1	3	3	28	.17	.043	16	27	.14	18	.06	3	1.80	.01	.02	2	2
7094	1	2	8	10	.3	6	2	155	.48	2	5	ND	6	7	1	2	2	18	.19	.006	14	12	.14	16	.04	22	.48	.01	.03	1	4
7095	1	1	2	2	.1	1	1	15	.14	2	5	ND	4	3	1	2	3	5	.04	.001	9	3	.02	4	.01	6	.14	.01	.02	1	1
7096	1	1	6	3	.1	1	1	19	.13	2	5	ND	4	4	1	2	2	5	.06	.002	10	3	.03	4	.02	5	.17	.01	.01	1	1
7097	1	1	2	3	.2	1	1	13	.27	2	5	ND	4	3	1	2	3	7	.02	.005	8	4	.02	4	.02	16	.19	.01	.01	2	3
7098	1	1	6	24	.2	4	2	129	1.06	2	5	ND	4	4	1	2	2	20	.06	.052	8	17	.07	10	.04	10	1.12	.01	.02	1	1
7099	1	2	5	25	.1	4	2	215	1.03	2	5	ND	3	4	1	2	2	21	.05	.048	8	15	.07	11	.04	14	1.02	.01	.02	1	1
7100	1	1	8	19	.1	4	1	78	1.10	2	5	ND	2	4	1	2	2	24	.05	.022	7	13	.06	8	.04	3	.81	.01	.02	1	1
7101	1	2	4	6	.1	3	1	24	.77	2	5	ND	4	3	1	2	3	19	.04	.006	7	10	.04	5	.04	9	.36	.01	.01	1	1
7102	1	1	3	2	.1	2	1	12	.26	2	5	ND	5	3	1	2	3	8	.02	.002	12	6	.01	3	.01	5	.11	.01	.01	1	2
7103	1	1	3	1	.1	1	1	13	.18	2	5	ND	2	2	1	2	3	5	.02	.001	6	4	.01	3	.01	2	.11	.01	.01	1	1
7104	1	4	10	13	.3	10	2	54	1.49	2	5	ND	4	4	1	3	2	20	.07	.034	8	24	.11	12	.04	13	2.66	.01	.02	1	1
7105	1	1	2	1	.1	3	1	11	.16	2	5	ND	2	3	1	2	2	4	.02	.002	8	6	.01	4	.01	6	.10	.01	.01	1	1
7106	1	9	14	21	.1	5	1	49	.17	2	6	ND	1	62	8	2	2	4	4.05	.039	3	7	.20	36	.01	15	.24	.03	.02	1	1
7107	1	6	14	16	.2	5	1	75	.23	4	6	ND	1	65	8	2	2	4	4.32	.042	3	5	.21	35	.01	18	.26	.02	.02	2	1
7108	1	9	16	21	.2	5	2	74	.25	3	7	ND	1	57	8	2	3	9	4.17	.036	4	8	.20	37	.01	16	.32	.01	.02	1	1
7109	1	7	12	27	.3	4	1	55	.10	5	5	ND	1	39	9	2	3	8	4.58	.040	2	5	.21	17	.01	19	.07	.01	.02	1	2
7110	1	1	5	11	.2	4	1	29	.29	2	5	ND	6	5	2	2	3	7	.13	.003	12	8	.08	9	.03	17	.34	.01	.02	1	1
7111	1	1	4	10	.1	5	1	31	.30	2	5	ND	3	5	1	2	5	7	.11	.004	10	9	.08	9	.03	4	.34	.01	.02	1	1
STD C/AU-S	18	58	40	132	7.1	68	28	1053	4.02	37	18	7	36	45	16	16	19	56	.45	.087	40	55	.88	171	.07	33	1.90	.06	.15	11	53

UMEX INC. PROJECT PRICE JOINT VENTURE FILE # 88-2749

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
7112	1	2	7	14	.1	7	2	55	1.41	2	5	ND	7	7	1	2	2	27	.12	.027	16	21	.10	17	.04	6	.90	.01	.02	1	1
7113	1	4	7	15	.1	11	3	76	1.32	2	5	ND	5	7	1	2	2	25	.13	.048	14	24	.12	13	.04	5	1.12	.01	.02	2	1
7114	1	4	10	21	.1	13	3	77	1.76	2	5	ND	6	5	1	2	2	29	.10	.090	14	29	.12	11	.05	12	1.49	.01	.03	3	1
7115	1	2	8	7	.1	5	1	29	.79	3	9	ND	5	5	2	2	2	20	.06	.011	11	14	.04	4	.04	10	.28	.01	.02	1	1
7116	1	3	9	21	.2	9	3	52	1.64	4	5	ND	5	6	1	2	2	29	.10	.051	11	21	.12	16	.05	8	1.72	.01	.03	1	1
7117	1	4	11	22	.2	11	3	51	1.66	2	6	ND	4	5	1	2	2	27	.09	.056	9	24	.13	16	.05	8	1.89	.01	.03	1	1
7118	1	2	5	9	.2	4	1	42	.59	2	7	ND	4	4	2	2	2	13	.05	.008	9	11	.04	7	.02	13	.37	.01	.02	1	1
7119	1	2	10	10	.1	8	3	35	.93	2	5	ND	4	5	1	2	2	16	.07	.033	10	16	.09	9	.03	6	1.10	.01	.02	1	1
7120	1	2	7	11	.2	8	3	46	1.44	2	5	ND	5	5	1	2	2	21	.07	.064	9	20	.12	10	.04	7	1.63	.01	.03	1	1
7121	1	1	4	2	.2	2	1	11	.22	2	5	ND	2	4	1	2	2	6	.04	.006	8	7	.02	6	.01	7	.19	.01	.02	1	3
7122	1	3	6	11	.1	8	2	49	.78	2	5	ND	3	5	2	2	2	13	.09	.045	8	14	.10	6	.03	9	.91	.01	.02	1	1
7123	1	4	8	14	.1	9	3	85	1.13	2	5	ND	5	7	1	2	2	22	.14	.042	14	21	.14	11	.04	6	.80	.01	.02	1	1
7124	1	4	6	15	.1	12	3	56	1.20	2	5	ND	9	6	1	2	2	22	.13	.061	15	25	.15	12	.04	12	1.22	.01	.02	1	1
7125	1	3	7	16	.1	9	3	72	1.58	2	5	ND	7	6	1	2	2	31	.11	.041	14	29	.12	8	.04	9	.99	.01	.02	1	1
7126	1	3	10	23	.2	7	2	84	1.23	2	5	ND	6	5	1	2	2	24	.06	.050	10	20	.08	19	.03	7	1.62	.01	.03	1	1
7127	1	5	8	26	.3	9	3	110	2.07	3	5	ND	5	7	1	2	3	43	.07	.067	9	32	.13	17	.06	9	2.24	.01	.03	1	1
7128	1	2	6	10	.2	5	2	32	1.05	2	5	ND	4	6	2	2	2	19	.06	.031	8	16	.07	13	.04	8	1.11	.01	.02	1	1
7129	1	2	6	10	.2	5	1	48	.75	2	7	ND	5	3	3	2	2	15	.04	.033	8	15	.04	7	.03	11	1.01	.01	.02	1	1
7130	1	1	6	5	.3	2	1	21	.51	2	5	ND	5	4	1	2	2	12	.04	.004	11	10	.03	6	.02	8	.27	.01	.01	1	2
7131	1	3	5	4	.1	4	1	17	.28	2	5	ND	2	3	3	2	2	6	.04	.003	4	11	.03	5	.01	10	.19	.01	.02	1	1
7132	1	2	7	15	.1	5	2	49	1.04	2	5	ND	2	5	1	2	2	19	.06	.051	7	17	.06	10	.03	8	1.35	.01	.02	1	1
7133	1	3	8	19	.3	6	2	87	1.11	2	6	ND	6	5	3	2	2	21	.07	.033	13	18	.07	9	.03	10	1.18	.01	.02	1	1
7134	1	2	5	11	.3	3	1	35	.77	2	6	ND	4	5	2	2	2	16	.05	.025	8	13	.04	9	.03	9	.95	.01	.02	1	1
7135	1	3	10	13	.2	6	2	90	1.18	2	5	ND	7	7	2	2	2	27	.09	.008	12	21	.12	10	.05	13	.70	.01	.02	1	1
7136	1	4	10	18	.1	6	2	52	1.33	2	5	ND	4	6	2	2	2	29	.06	.033	10	24	.09	12	.04	10	1.39	.01	.02	1	4
STD C/AU-S	17	58	37	132	6.6	67	28	1149	4.07	42	18	8	37	47	17	17	18	57	.47	.094	39	55	.92	168	.06	33	1.95	.06	.15	11	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
5399	1	15	54	93	.5	10	2	81	.31	4	5	ND	2	34	2	2	2	4	.26	.072	2	3	.06	69	.01	13	.27	.01	.10	2	1
5503	1	21	70	97	.4	9	1	470	.19	6	5	ND	1	27	3	2	2	4	1.14	.092	2	2	.10	79	.01	17	.16	.01	.14	1	1
5504	1	14	41	68	.4	9	1	46	.16	4	7	ND	1	15	3	2	2	3	.46	.058	2	4	.06	37	.01	15	.20	.01	.06	1	4
5526	1	16	26	65	.1	15	3	360	.66	2	5	ND	1	31	2	2	2	10	2.31	.087	8	15	.32	44	.01	16	.55	.01	.10	1	1
5540	1	21	33	62	.2	9	2	777	.35	5	7	ND	1	43	1	2	2	6	3.28	.092	3	8	.35	48	.01	24	.24	.01	.15	1	1
5541	1	12	13	73	.3	7	4	707	.64	2	8	ND	1	27	1	2	2	7	1.13	.066	5	8	.17	60	.01	13	.37	.01	.08	1	1
5545	1	12	25	43	.2	12	4	738	1.00	2	5	ND	2	27	2	2	3	14	1.57	.070	6	16	.29	48	.02	9	1.17	.01	.09	1	1
5567	1	18	64	83	.4	11	2	159	.28	7	5	ND	2	30	3	2	2	5	.93	.071	4	4	.14	71	.01	15	.26	.01	.10	1	7
5592	1	13	35	52	.5	5	1	307	.15	2	6	ND	2	16	1	2	2	3	1.65	.058	2	4	.19	14	.01	19	.14	.01	.09	1	4
5593	1	15	25	108	.2	5	1	252	.11	2	5	ND	1	27	2	2	2	2	2.17	.068	2	4	.26	27	.01	25	.09	.01	.10	1	1
5600	1	12	22	76	.1	11	2	279	.50	3	5	ND	1	13	1	2	2	7	.57	.040	6	11	.24	43	.01	7	.36	.01	.04	1	1
5601	1	3	8	11	.1	3	2	37	.68	2	6	ND	5	7	2	2	2	20	.19	.006	9	11	.09	14	.05	9	.46	.01	.03	2	1
5641	1	27	28	55	.4	12	4	4164	.36	14	5	ND	1	50	3	2	2	7	2.51	.117	12	3	.24	72	.01	21	.46	.01	.14	1	1
5642	1	19	46	83	.5	13	5	1016	.77	4	5	ND	3	40	4	3	3	10	1.85	.108	11	13	.28	61	.01	17	.65	.01	.15	1	1
5675	1	9	14	12	.5	4	1	49	.16	4	5	ND	3	51	5	3	3	2	.97	.041	2	2	.10	110	.01	18	.17	.01	.04	1	1
5692	1	21	47	87	.2	16	1	733	.27	6	5	ND	1	41	1	2	2	4	3.38	.059	3	5	.29	35	.01	19	.18	.01	.04	1	1
5731	1	17	50	80	.5	9	1	80	.24	6	5	ND	1	40	3	3	4	4	1.64	.054	5	3	.17	83	.01	11	.20	.01	.09	1	6
5735	1	25	62	210	.6	8	1	635	.15	5	5	ND	2	37	5	4	2	3	1.63	.110	3	1	.19	119	.01	29	.11	.01	.16	1	1
5988	1	8	30	90	.3	4	1	161	.11	4	5	ND	1	53	1	2	2	4	3.56	.039	2	3	.21	25	.01	22	.15	.01	.04	1	1
STD C/AU-S	18	57	41	128	7.1	67	27	1054	3.99	38	21	7	37	48	16	17	24	55	.46	.086	37	55	.88	174	.07	34	1.94	.06	.14	12	52

XRAL

CERTIFICATE OF ANALYSIS

REPORT 6621

TO: CHEVRON CANADA RESOURCES
ATTN: STEWART FUMERTON
167B WILSON AVENUE
TIMMINS, ONTARIO
P4N 2T2

CUSTOMER No. 561

DATE SUBMITTED
13-Oct-88

REF. FILE 3099-V5

Total Pages 3

10 WHOLE CORES Proj. PRICE PROJECT

	METHOD	DETECTION LIMIT
WRMAJ %	WR	0.01
NI PPM	XRF	10.
WRMIN PPM	WR	10.

X-RAY ASSAY LABORATORIES LIMITED

DATE 20-OCT-88

CERTIFIED BY

SAMPLE \ %	SIO2	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	MNO	TIO2	P2O5	CR2O3	LOI	SUM
A98553	49.7	13.6	4.82	8.27	1.88	0.04	12.9	0.14	0.83	0.07	<0.01	8.23	100.5
A98554	44.9	11.3	6.75	3.92	0.91	0.39	19.2	0.57	0.54	0.11	<0.01	11.6	100.2
A98555	43.0	11.8	4.40	14.4	0.85	0.06	12.1	0.13	0.66	0.05	0.20	11.8	99.6
A98556	60.1	15.4	3.75	1.93	9.45	0.10	4.59	0.07	0.75	0.36	<0.01	3.93	100.5
A98557	48.7	11.6	6.76	2.69	1.42	0.36	16.9	0.59	0.53	0.19	<0.01	10.8	100.6
A98558	41.6	12.3	11.2	4.58	1.83	1.57	9.15	0.26	0.85	0.41	<0.01	16.5	100.3
A98559	63.9	14.9	3.06	2.39	4.81	0.67	5.82	0.08	0.62	0.15	0.01	3.93	100.4
A98560	35.5	7.88	14.0	6.60	0.14	1.99	12.4	0.37	0.39	0.05	0.87	20.1	100.3
A98561	63.0	15.8	3.18	1.47	5.54	1.60	3.22	0.04	0.39	0.10	<0.01	5.54	100.0
A98562	60.2	14.9	4.24	3.15	5.54	0.91	5.27	0.08	0.59	0.18	0.02	5.08	100.3
A98563	51.0	13.3	6.35	3.56	3.34	0.95	11.1	0.41	0.60	0.13	<0.01	9.62	100.4
A98564	41.0	5.91	5.56	23.4	0.12	<0.01	9.49	0.18	0.31	0.03	0.37	13.4	99.8

XRF W.R.A. SUMS INCLUDE ALL ELEMENTS DETERMINED. FOR SUMMATION, ELEMENTS ARE CALCULATED AS OXIDES

SAMPLE \ PPM	RB	SR	Y	ZR	NB	BA
A98553	<10	71	<10	27	23	89
A98554	20	86	<10	89	<10	118
A98555	<10	228	25	25	11	1420
A98556	24	621	<10	132	11	206
A98557	<10	67	19	90	<10	94
A98558	63	173	14	90	<10	290
A98559	21	84	<10	138	32	217
A98560	61	116	<10	<10	<10	122
A98561	54	442	<10	95	13	581
A98562	63	377	<10	115	18	502
A98563	33	79	<10	86	<10	206
A98564	<10	144	18	<10	24	82

SAMPLE	AU PPB	CO2 %	NI PPM	AS PPM
A98553	<1	3.64	50	--
A98554	<1	10.3	44	--
A98555	<1	6.51	220	--
A98556	<1	4.27	15	--
A98557	<1	9.31	51	--
A98558	7	16.0	20	--
A98559	<1	2.07	41	--
A98560	6	21.2	1200	--
A98561	<1	4.70	18	--
A98562	<1	3.06	67	--
A98563	<1	8.54	69	--
A98564	<1	7.78	270	--
A98565	<1	--	--	7.8

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

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp AU$ ANALYSIS BY FA+AA FROM 30 GM SAMPLE.

DATE RECEIVED: OCT 27 1987 DATE REPORT MAILED: Nov 6/87 ASSAYER. D.C. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

UMEX INC. File # 87-5262

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU$ PPB
98084	26	174	11	58	.3	92	32	6122	15.99	37	5	ND	2	48	2	2	2	33	8.19	.005	3	129	1.96	7	.01	2	.94	.02	.03	4	1
98085	6	99	5	50	.1	80	33	2752	7.86	2	5	ND	3	13	1	2	2	17	.35	.110	22	82	.20	43	.01	2	.48	.02	.03	1	1
98086	7	82	51	28	4.6	90	31	474	20.89	64	5	ND	1	1	1	2	3	7	.02	.005	2	27	.06	1	.01	2	.01	.01	.02	2	22
98087	3	38	15	21	1.3	21	8	286	9.61	17	5	ND	1	1	1	3	2	3	.02	.006	2	13	.01	2	.01	2	.01	.01	.01	1	1
98088	7	77	14	71	1.4	953	76	4451	8.88	56	5	ND	1	157	2	4	2	13	13.77	.012	2	52	3.74	3	.01	2	.03	.01	.04	1	18

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TELEX: VIA U.S.A. 7601087 • FAX

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N
TELEPHONE: (705) 264-9998

Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project: PRICE TWP
Attention: S.FUMERTON

File: 82-96
Date: JULY 1
Type: ROCK

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A 98 575	1
A 98 576	3
A 98 577	3
A 98 578	2
A 98 579	1
A 98 580	2
A 98 581	2
A 98 582	6
A 98 583	3
A 98 584	2
A 98 585	5
A 98 586	3
A 98 587	1
A 98 588	2
A 98 589	4
A 98 590	1
A 98 591	6
A 98 592	2
A 98 593	10
A 98 594	5
A 98 595	2
A 98 596	7
A 98 597	1
A 98 598	3
A 98 599	6
A 98 600	2
A 98 601	8
A 98 602	2
A 98 603	1
A 98 604	7

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NORTH VANCOUVER, B.C. CANADA V7M
TELEPHONE (604) 980-5814 OR (604) 98
TELEX: VIA U.S.A. 7601067 • FAX (604) 9

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9898

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Company: CHEVRON CANADA RES.
Project: PRICE TWP
Attention: S.FUMERTON

File: 82-969/P2
Date: JULY 11/8
Type: ROCK GEOCH

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A 98 605	3
A 98 606	5
A 98 607	1
A 98 574	11

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TELEPHONE (604) 980-5814 OR (604) 988-4
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9
TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 887
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project: J.V.PRICE
Attention: S.FUMERTON/D.UNGER

File: 82-1105/P1
Date: AUG.18/88
Type: ROCK GEOCH

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A 98 702	2
A 98 703	1
A 98 704	4
A 98 705	2
A 98 706	3
A 98 707	2
A 98 708	2
A 98 709	3
A 98 710	1
A 98 711	1
A 98 712	3
A 98 713	2
A 98 714	1
A 98 715	2
A 98 716	1
A 98 717	3
A 98 718	2
A 98 719	3

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TELEX: VIA U.S.A. 7601087 • FAX (6

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33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

ompany: CHEVRON CANADA RESOURCES
Project:
Attention: S.FUMERTON

File: 82-1099
Date: AUG 18/
Type: ROCK GE

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
98 720	2
98 721	4
98 722	2
98 723	6
98 724	4
98 725	7
98 726	1
98 727	5
98 728	2
98 729.	2
98 730	1
98 731	2
98 732	3
98 733	1
98 734	3
98 735	5
98 736	1
98 737	1
98 738	2
98 739	1
98 740	1
98 741	2
98 742	1
98 743	1
98 744	2
98 745	5

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project:
Attention: S. FUMERTON

File: 82-11
Date: AUG 1
Type: ROCK

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A 98 746	1
A 98 747	2
A 98 748	4
A 98 749	2
A 98 750	1
A 98 751	3
A 98 752	6
A 98 753	1
A 98 754	2
A 98 755	3
A 98 756	2
A 98 757	1
A 98 758	1
A 98 759	2
A 98 760	3
A 98 761	2
A 98 762	1
A 98 763	1
A 98 764	2
A 98 765	1
A 98 766	2
A 98 767	1
A 98 768	1
A 98 769	1
A 98 770	2
A 98 771	3
A 98 772	1
A 98 773	4
A 98 774	2
A 98 775	1

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33 EAST IROQUOIS ROAD
P.O. BOX 887
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Certificate of Geochem

Company: CHEVRON CANADA RESOURCES
Project:
Attention: S. FUMERTON

File: 82-1
Date: AUG
Type: ROCK

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A 98 776	1
A 98 777	2
A 98 778	2

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*** Certificate of ANALYSIS ***

Company:CHEVRON CANADA RESOURCES .
Project:
Attention:S.FUMERTON

File:92-111(
Date:APR.29
Type:ROCK AI

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A 98 779	4
A 98 780	2
A 98 781	3
A 98 782	1
A 98 783	1
A 98 784	2
A 98 785	1
A 98 786	3
A 98 787	2
A 98 788	1
A 98 789	3
A 98 790	1
A 98 791	1
A 98 792	2
A 98 793	3
A 98 794	13
A 98 795	2
A 98 796	1
A 98 797	2
A 98 798	1
A 98 799	3
A 98 800	2
A 98 801	4
A 98 802	3
A 98 803	1
A 98 804	2
A 98 805	3
A 98 806	1

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TELEX: VIA U.S.A. 7601087 • FAX (604) 9

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Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project:
Attention: S.FUMERTON

File: 82-1122/
Date: AUG 22/8
Type: ROCK GEO

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A 98 807	4
A 98 808	2
A 98 809	1
A 98 810	2
A 98 811	1
A 98 812	2
A 98 813	3
A 98 814	1
A 98 815	2
A 98 816	2
A 98 817	2
A 98 818	2
A 98 819	4
A 98 820	1
A 98 821	5
A 98 822	3
A 98 823	2
A 98 824	1
A 98 825	3
A 98 826	2
A 98 827	2
A 98 828	2
A 98 829	3
A 98 830	3
A 98 831	1
A 98 832	2
A 98 833	3
A 98 834	1
A 98 835	1
A 98 836	2

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VANCOUVER OFFICE:
[illegible] 15TH STREET

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NORTH VANCOUVER, B.C. CA
TELEPHONE (604) 980-5814
TELEX: VIA U.S.A. 7601087 •

TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA
TELEPHONE: (705) 264-9996

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Certificate of Geochem

Company: CHEVRON CANADA RESOURCES
Project:
Attention: S.FUMERTON

File: 82-1
Date: AUG
Type: ROCK

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A 98 837	1
A 98 838	3
A 98 839	2
A 98 840	1

173

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TELEPHONE (604) 980-5814 OR (60
TELEX: VIA U.S.A. 7601067 • FAX (60

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7C
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project:
Attention: S. FUMERTON

File: 82-112
Date: AUG 22/
Type: ROCK GE

He hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A98841	3
A98842	1
A98843	2
A98844	2
A98845	3
A98846	4
A98847	2
A98848	3
A98849	1
A98850	1
A98851	3
A98852	2

(86)

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**** Certificate of ANALYSIS ****

Company:CHEVRON CANADA RESOURCES -
Project:PRICE J.V.
Attention:S.FUMERTON/D.UNGER

File:
Date:
Type:PICK

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
A78053	3
A78054	1
A78055	1
A78056	2

Certified by: K. Lachance

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4
TELEPHONE: (705) 264-9898

Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project: PRICE
Attention: S.FUMERTON

File: 82-1C
Date: JULY
Type: ROCK

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
7501	[illegible]
7502	2
7503	1
7504	1
7505	2
7506	1
7507	3
7508	4
7509	2
7510	10
7511	8
7512	4
7513	5
7514	2
7515	4
7516	4
7517	2
7518	3
7519	2
7520	1
7521	20
7522	1
7523	2
7524	3
7525	2
7526	6
7527	2
7528	2
7529	3
7530	1

29

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TELEPHONE (604) 980-5814 OR (6
TELEX: VIA U.S.A. 7601067 • FAX (6

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project: PRICE
Attention: S. FUHERTON

File: 82-1027
Date: JULY 26
Type: ROCK GE

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
7531	2
7532	4
7533	3
7534	4
7535	2
7536	3
7537	2
7538	3
7539	6
7540	1
7541	2
7542	1
7543	2
7544	3
7545	2
7546	3
7547	2
7548	4
7549	2
7550	2
7551	5
7552	2
7553	6
7554	5
7555	1
7556	2
7557	1
7558	3
7559	2
7560	3

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NORTH VANCOUVER, B.C. CANADA V
TELEPHONE (604) 980-5814 OR (604
TELEX: VIA U.S.A. 7601067 • FAX (60

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project: PRICE
Attention: S. FUMERTON

File: 82-1027
Date: JULY 28
Type: ROCK GE

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
7561	41
7562	63

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705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA
TELEPHONE (604) 980-5814 OR (6
TELEX: VIA U.S.A. 7601067 • FAX (6

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7
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Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project: PRICE
Attention: S.FUMERTON

File: 82-103
Date: JULY 3
Type: ROCK G

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
7563	2
7564	2
7565	4
7566	2
7567	1
7568	2
7570	1
7571	4
7572	2
7573	3
7574	4
7575	2
7576	3
7577	1
7578	1
7579	3
7580	4

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VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANA
TELEPHONE (604) 980-5814 OI
TELEX: VIA U.S.A. 7601067 • FA

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4
TELEPHONE: (705) 264-9998

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Company: CHEVRON CANADA
Project: PRICE
Attention: S.FUMERTON

File: R4-16
Date: AUGUS
Type: ROCK

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
7581	4
7582	2
7583	3
7584	2
7585	1
7586	2
7587	4
7588	2
7589	1
7590	2
7591	2
7592	3

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NORTH VANCOUVER, B.C. CANADA V
TELEPHONE (604) 980-5814 OR (604
TELEX: VIA U.S.A. 7601067 • FAX (604

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9998

Certificate of ASSAY

Company:CHEVRON CANADA RESOURCES
Project:
Attention:S.FUMERTON

File:82-1319/
Date:SEPT 29/
Type:ROCK AS

We hereby certify the following results for samples submitted.

drill core

Sample Number	AU G/TONNE	AU OZ/TON
7151	.01	0.001
7152	.01	0.001
7153	.01	0.001
7154	.01	0.001
7155	.02	0.001
7156	.01	0.001
7157	.01	0.001
7158	.01	0.001
7159	.09	0.003
7160	.01	0.001
7161	.02	0.001
7162	.04	0.001
7163	.01	0.001
7164	.01	0.001
7165	.01	0.001
7166	.01	0.001
7167	.01	0.001
7168	.02	0.001
7169	.02	0.001
7170	.01	0.001
7171	.01	0.001
7172	.01	0.001
7173	.01	0.001
7174	.01	0.001
7175	.01	0.001
7176	.01	0.001
7177	.01	0.001
7178	.01	0.001
7179	.01	0.001
7180	.01	0.001

Certified by _____

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TELEPHONE (604) 980-5814 OR (604) 98
TELEX: VIA U.S.A. 7601067 • FAX (604) 9
TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Assay

Company:CHEVRON CANADA RESOURCES
Project:
Attention:S.FUMERTON

File:82-1319/P
Date:SEPT 29/8
Type:ROCK ASSA

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
7181	.01	0.001
7182	.01	0.001
7183	.02	0.001
7184	.01	0.001
7185	.01	0.001
7186	.01	0.001
7187	.02	0.001
7188	.01	0.001
7189	.01	0.001
7190	.01	0.001
7191	.02	0.001
7192	.01	0.001
7193	.01	0.001
7194	.01	0.001
7195	.01	0.001
7196	.01	0.001
7197	.03	0.001
7198	.01	0.001
7199	.01	0.001
7200	.01	0.001
7201	.01	0.001
7202	.01	0.001
7203	.01	0.001
7204	.01	0.001
7205	.01	0.001
7206	.02	0.001
7207	.01	0.001
7208	.01	0.001
7209	.01	0.001
7210	.01	0.001

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NORTH VANCOUVER, B.C. CANADA V7M
TELEPHONE (604) 980-5814 OR (604)
TELEX: VIA U.S.A. 7601087 • FAX (60

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: CHEVRON
Project:
Attention: S. FUMERTON

File: 82-1319/
Date: SEPT 30/
Type: ROCK ASS

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
7211	.01	0.001
7212	.03	0.001
7213	.02	0.001
7214	.01	0.001
7215	.01	0.001
7216	.01	0.001
7217	.01	0.001
7218	.02	0.001
7219	.01	0.001
7220	.02	0.001
7221	.01	0.001
7222	.25	0.007
7223	.01	0.001
7224	.01	0.001
7225	.08	0.002

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TELEPHONE (604) 980-5814 OR (604
TELEX: VIA U.S.A. 7601067 • FAX (60

TIMMINS OFFICE:
33 EAST PROUDIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company:CHEVRON CANADA RESOURCES
Project:M 583
Attention:S.FUMERTON

File:82-1333
Date:OCT 2/8
Type:ROCK AS

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
7226	.02	0.001
7227	.01	0.001
7228	.03	0.001
7229	.01	0.001
7230	.04	0.001
7231	.01	0.001
7232	.16	0.005
7233	.02	0.001
7234	.01	0.001
7235	.01	0.001
7236	.01	0.001
7237	.02	0.001
7238	.01	0.001
7239	.01	0.001
7240	.02	0.001
7241	.01	0.001
7242	.01	0.001
7243	.05	0.001
7244	.02	0.001
7245	.01	0.001
7246	.10	0.003
7247	.03	0.001
7248	.02	0.001
7249	.11	0.003
7250	.01	0.001
7251	.02	0.001
7252	.01	0.001
7253	.01	0.001
7254	.01	0.001
7255	.02	0.001

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TELEX: VIA U.S.A. 7601067 • FA

TIMMINS OFFICE:
33 EAST PROQUOIS ROAD
P.O. BOX 667
TIMMINS, ONTARIO CANADA P
TELEPHONE: (705) 264-9920

Certificate of ASSAY

Company: CHEVRON CANADA
Project: M 583
Attention: S. FUMERTON

File: 82-13
Date: OCT. 1
Type: ROCK

We hereby certify the following results for samples submitted.

Sample Number	Au g/TONNE	Au oz/TON
7256	.03	0.001
7257	.01	0.001
7258	.01	0.001
7259	.01	0.001
7260	.04	0.001
7261	.01	0.001
7262	.01	0.001
7263	.02	0.001
7264	.01	0.001
7265	.02	0.001
7266	.01	0.001
7267	.01	0.001
7268	.01	0.001
7269	.01	0.001
7270	.01	0.001

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TELEPHONE (604) 980-5814 OR
TELEX: VIA U.S.A. 7601097 • FAX
TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4
TELEPHONE: (705) 264-9396

Certificate of ASSAY

Company: CHEVRON CANADA
Project: 583
Attention: S.FUMERTON/D.UNGER

File: 82-1
Date: OCT.
Type: ROCK

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
7271	.01	0.001
7272	.01	0.001
7273	.02	0.001
7274	.01	0.001
7275	.01	0.001
7276	.03	0.001
7277	.02	0.001
7278	.01	0.001
7279	.01	0.001
7280	.02	0.001
7281	.41	0.012
7282	2.68*	0.084
7283	.36*	0.011
7284	.42	0.012
7285	.01	0.001
7286	.03	0.001
7287	.05	0.001

*SAMPLES CONTAIN METALLIC GOLD

Certified by .....

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NORTH VANCOUVER, B.C. CANADA
TELEPHONE (604) 980-5814 OR (60
TELEX: VIA U.S.A. 7601087 • FAX (6
TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7C
TELEPHONE: (705) 264-9998

Certificate of ASSAY

Company: CHEVRON CANADA RESOURCES
Project: 583
Attention: S.FUMERTON/D.UNGER

File: 82-1368
Date: OCT 5/8
Type: ROCK AS

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
7288	.01	0.001
7289	.03	0.001
7290	.01	0.001
7291	.01	0.001
7292	.01	0.001
7293	.01	0.001
7294	.02	0.001
7295	.01	0.001
7296	.01	0.001
7297	.01	0.001
7298	.01	0.001
7299	.02	0.001
7300	.02	0.001
7301	.01	0.001
7302	.01	0.001
7303	.01	0.001
7304	.03	0.001
7305	.01	0.001
7306	.02	0.001
7307	.01	0.001
7308	.01	0.001
7309	.02	0.001
7310	.01	0.001
7311	.02	0.001
7312	.01	0.001
7313	.01	0.001
7314	.01	0.001

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TELEPHONE (604) 980-5814 OR (604) 988
TELEX: VIA U.S.A. 7601087 • FAX (604) 98
TIMMINS OFFICE:
38 EAST [illegible] ROAD
P.O. [illegible]
[illegible], ONTARIO CANADA P4N 7Q7
[illegible]ONE: (705) 264-9998

Certificate of Assay

Company: CHEVRON CANADA RESOURCES
Project: 583
Attention: S. FUMERTON

File: 82-1381/P:
Date: OCT 11/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON	CU %	ZN %
7315	.01	0.001		
7316	.02	0.001		
7317	.02	0.001		
7318	.01	0.001		
7319	.02	0.001		
7320	.01	0.001		
7321	.01	0.001		
7322	.02	0.001		
7323	.01	0.001		
7324	.01	0.001		
[illegible]	.01	0.001		
7326	.02	0.001		
7327	.01	0.001		
7328	.01	0.001		
7329	.01	0.001		
7330	.02	0.001		
7331	.03	0.001		
7332	.01	0.001		
7333	.01	0.001		
7334	.01	0.001		
[illegible]	.02	0.001		
7336	.01	0.001		
7337	.04	0.001		
7338	.01	0.001	.012	.01
7339	.03	0.001	.020	.01
7340	.18	0.005	.021	.01
7341	.02	0.001	.019	.01
7342	.03	0.001	.006	.02

Certified by [signature]

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TELEPHONE (604) 980-5814 OR (604)
TELEX: VIA U.S.A. 7601087 • FAX (604)

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9998

Certificate of ASSAY

Company: CHEVRON CANADA RESOURCES
Project: 583
Attention: S. FUMERTON/D. UNGER

File: 82-1407/
Date: OCT. 13/8
Type: ROCK GEC

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	ZN PPM
7343	122	1090
7344	120	129
7345	102	120
7346	105	150
7347	147	173
7348	123	228
7349	231	344
7350	590	1400
7351	395	107
7352	235	167
7353	288	200
7354	20	87
7355	41	86
7356	50	97
7357	19	137

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TELEPHONE (604) 980-5814 OR (604) 98
TELEX: VIA U.S.A. 7601087 • FAX (604) 9
TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9696

Certificate of GEOCHEM

Company: CHEVRON CANADA RESOURCES
Project: 583
Attention: S. FUMERTON/D. UNGER

File: 82-1407/F
Date: OCT. 13/86
Type: ROCK ASSA

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
7343	.10	0.003
7344	.11	0.003
7345	.03	0.001
7346	.01	0.001
7347	.37	0.011
7348	.21	0.006
7349	.03	0.001
7350	.16	0.005
7351	.11	0.003
7352	.02	0.001
7353	.03	0.001
7354	.01	0.001
7355	.03	0.001
7356	.02	0.001
7357	.01	0.001
7358	.01	0.001
7359	.11	0.003
7360	.25	0.007
7361	.12	0.004
7362	.01	0.001
7363	.02	0.001
7364	.01	0.001
7365	.02	0.001
7366	.01	0.001
7367	.03	0.001
7368	.01	0.001
7369	.01	0.001
7370	.04	0.001
7371	.11	0.003
7372	.01	0.001

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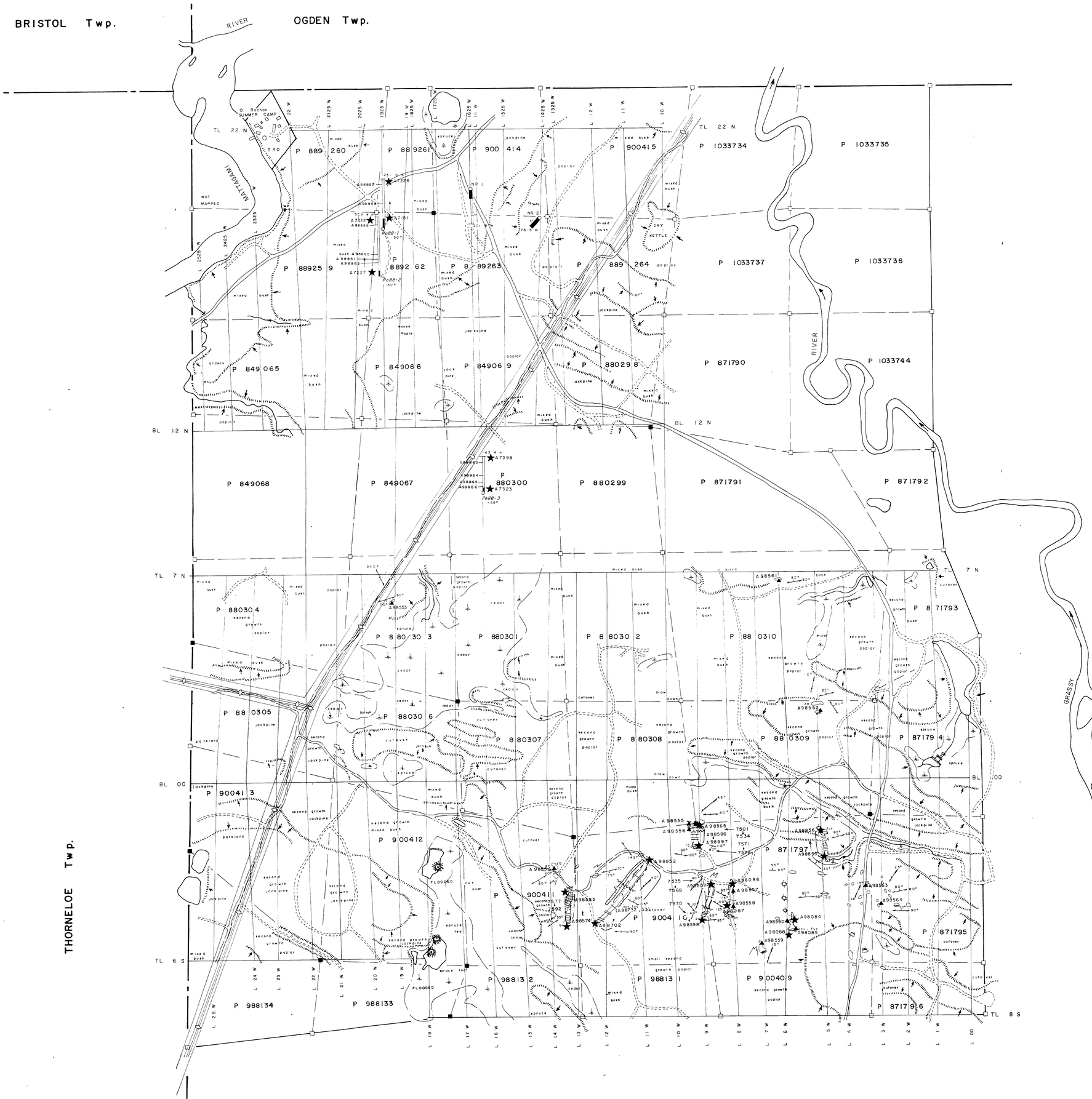
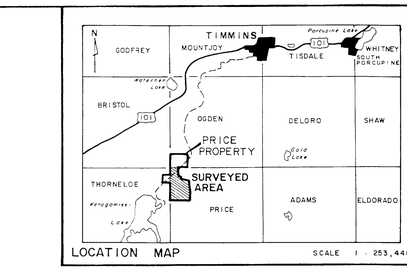
BRISTOL Twp.

OGDEN Twp.

THORNELOE Twp.





8 DIABASE
- a weakly magnetic (N-S)
- b strongly magnetic (NW-SE)

7 "YOUNGER" MAFIC INTRUSIVES
- a mafic-ultramafic
- b gabbro

6 FELSIC INTRUSIVES
- a massive
- b porphyritic

5 "OLDER" MAFIC INTERMEDIATE INTRUSIVES (P_2O_5 enriched + lamprophyric (?))
- a mafic
- b intermediate

4 THOLEIITIC METAVOLCANICS / SCHISTS
- a high Mg TYPE 1
- b high Mg TYPE 2

3 KOMATIITIC METAVOLCANICS / SCHISTS
- a calcite-carbonate schist
- b talc-chlorite schist
- c talc carbonate schist

2 METASEDIMENTS / SCHISTS
- a chert
- b chert-magnetite iron formation
- c chert-sulphide iron formation
- d graphitic-argillite, graphite
- e argillite, greywacke
- f conglomerate / mixed fragmental

1 CALC-ALKALIC METAVOLCANICS / SCHISTS
- a sericite carbonate schist
- b quartz bubble schist
- c sericite quartz schist
- d intermediate volcanic
- e intermediate ash lapilli tuff

G GEOPHYSICAL INTERPRETATION

qv quartz vein; qcv quartz carbonate vein; fuc fuchsite; py pyrite; cb carbonate; hem hematite

SYMBOLS

- BEDDING (S_0)
- PRIMARY FOLIATION (S_1, S_2)
- SECONDARY FOLIATION (S_3) / (crenulation cleavage)
- Z, M, S FOLDS (S_4)
- FAULT, SHEAR ZONE
- GEOLOGIC CONTACT
- OUTCROP WITH CLIFF
- BEAVER DAM, LODGE
- SWAMP
- SLOPE WITH DOWNSLOPE DIRECTION
- MAIN, SECONDARY, 4x4 ROADS
- POWERLINE, TOWERS
- PIT, TRENCHES
- DIAMOND DRILL HOLE
- ■, □, WP CLAIM POST; found, assumed, witness
- ▲ WHOLE ROCK SAMPLE
- ★ GOLD ASSAY SAMPLE

63.5388
OM88-003

CHEVRON — UMEX JOINT VENTURE

CROXALL — KANGAS OPTION
PRICE TOWNSHIP

SAMPLE LOCATIONS

Compilation map.

SCALE 1 : 5,000
100 0 100 200 300 400 (metres)

DATE OF SURVEY : JUNE / 88 | DRAWN BY : L
SURVEY BY : DV Mullen | NTS : 42 — A / 6

Updated DEC/88

LINE 2525 W
LINE 2500 W

LINE 2425 W
LINE 2400 W

LINE 2325 W
LINE 2300 W

LINE 2225 W
LINE 2200 W

LINE 2125 W
LINE 2100 W

LINE 2025 W
LINE 2000 W

LINE 1925 W
LINE 1900 W

LINE 1825 W
LINE 1800 W

LINE 1725 W
LINE 1700 W

LINE 1625 W
LINE 1600 W

LINE 1525 W
LINE 1500 W

LINE 1425 W
LINE 1400 W

LINE 1325 W
LINE 1300 W

LINE 1200 W

LINE 1100 W

LINE 1000 W

LINE 900 W

LINE 800 W

LINE 700 W

LINE 600 W

LINE 500 W

LINE 400 W

LINE 300 W

LINE 200 W

LINE 100 W

LINE 0

2200 N

2000 N

1800 N

1600 N

1400 N

1200 N

1000 N

THORNELOE TWP.

PRICE TWP.

800 N

600 N

400 N

200 N

0

200 S

400 S

600 S

800 S

PL

Instrument : Scintrex IGS-2/MP4
Type : Total Field Proton Precession
Contour Interval :
Datum Line : 58000 Gammas

ROAD

POWER LINE

63.5388

OM88-003

CHEVRON-UMEX J.V.

MAGNETIC SURVEY

PRICE TOWNSHIP

FILE COPY

SCALE : 1: 5000	DATE : JANUARY 1988
FILE : PRICE.MAG	
WORK BY : *Timmins Geophysics Ltd.*	

LINE 2500 W | LINE 2400 W | LINE 2300 W | LINE 2200 W | LINE 2100 W | LINE 2000 W | LINE 1900 W | LINE 1800 W | LINE 1700 W | LINE 1625 W LINE 1600 W | LINE 1500 W | LINE 1400 W | LINE 1300 W | LINE 1200 W | LINE 1100 W | LINE 1000 W | LINE 900 W | LINE 800 W | LINE 700 W | LINE 600 W | LINE 500 W | LINE 400 W | LINE 300 W | LINE 200 W | LINE 100 W | LINE 0

2200 N
2000 N
1800 N
1600 N
1400 N
1200 N
1000 N
800 N
600 N
400 N
200 N
0
200 S
400 S
600 S
800 S

MATTAGAMI RIVER

THORNELOE TWP.

PRICE TWP.

PL

Instrument : Apex Parametrics MaxMin I
Coil Separation : 100 meters
Frequency: 444 Hz
Profile Scale : 1cm = 40%

40 X 20 X 20 X 40 X

In-phase
Quadrature

PL POWER LINE
ROAD

63.5388
OM88-003

CHEVRON-UMEX J.V.

HLEM SURVEY

PRICE TOWNSHIP

FILE COPY

SCALE : 1: 5000	DATE : FEBRUARY 1988
F E : PR E.H	M-3
ORK BY : *Timmins Geophysics Ltd.*	

LINE 2500 W | LINE 2400 W | LINE 2300 W | LINE 2200 W | LINE 2100 W | LINE 2000 W | LINE 1900 W | LINE 1800 W | LINE 1700 W | LINE 1625 W LINE 1600 W | LINE 1500 W | LINE 1400 W | LINE 1300 W | LINE 1200 W | LINE 1100 W | LINE 1000 W | LINE 900 W | LINE 800 W | LINE 700 W | LINE 600 W | LINE 500 W | LINE 400 W | LINE 300 W | LINE 200 W | LINE 100 W | LINE 0

2200 N
2000 N
1800 N
1600 N
1400 N
1200 N
1000 N
800 N
600 N
400 N
200 N
0
200 S
400 S
600 S
800 S

MATTAGAMI RIVER

THORNELOE TWP.

PRICE TWP.

PL

N

Instrument : Apex Parametrics MaxMin I
Coil Separation : 100 meters
Frequency: 1777 Hz
Profile Scale : 1cm = 40%

In-phase
Quadrature

PL POWER LINE
ROAD

63.5388
ONS8-003

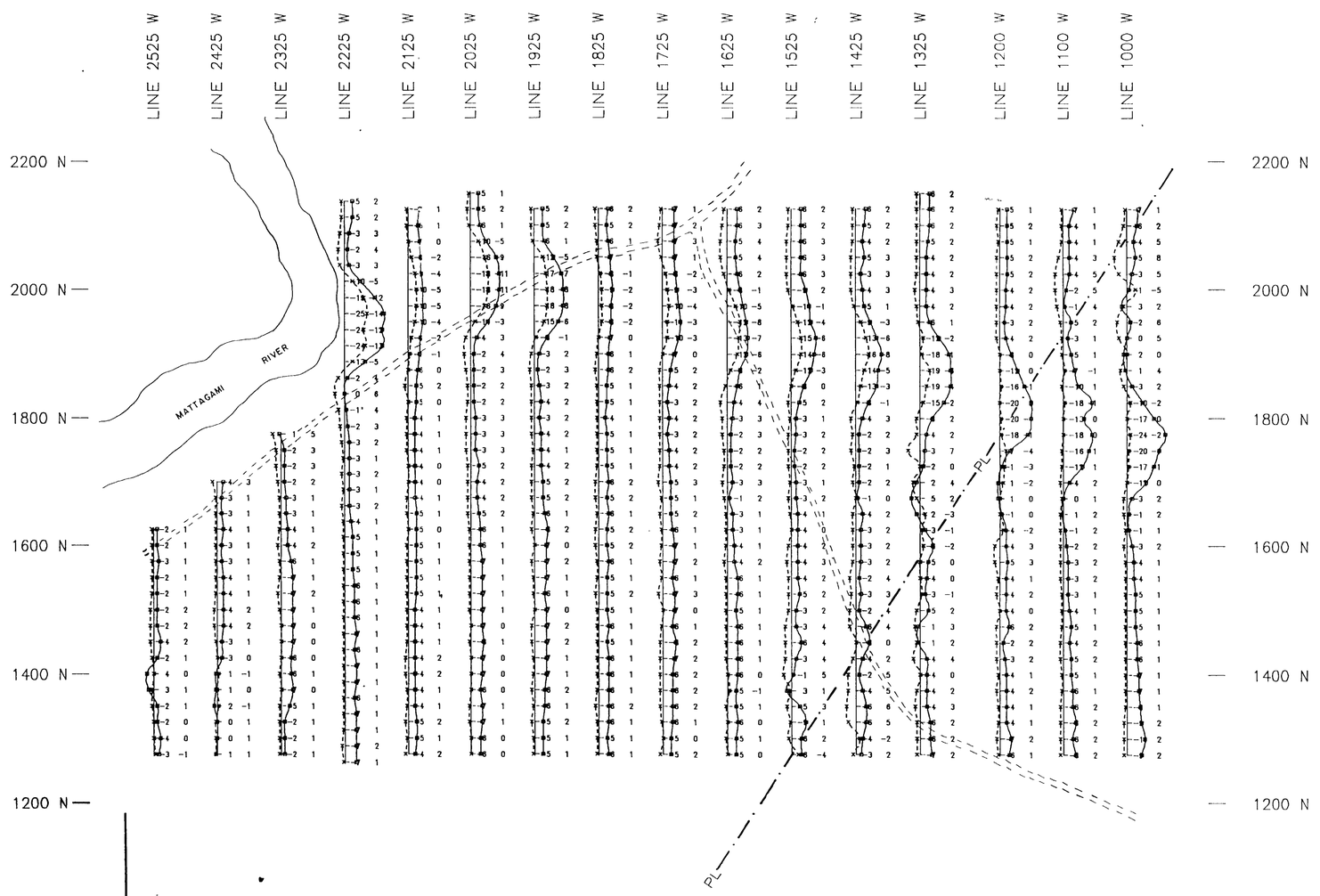
CHEVRON-UMEX J.V.

HLEM SURVEY

PRICE TOWNSHIP

FILE COPY

SCALE : 1: 5000	DATE : FEBRUARY 1988
FILE : PRI E.H	
WORK BY : *Timmins Geophysics Ltd.*	

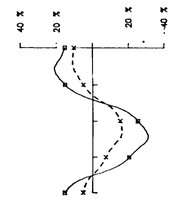


THORNELOE
TWP.

PRICE
TWP.

N

Instrument : Apex Parametrics MaxMin I
Coil Separation : 150 meters
Frequency: 444 Hz
Profile Scale : 1cm = 20%



In—phase
Quadrature
POWER LINE
ROAD

63.5388
om88-003

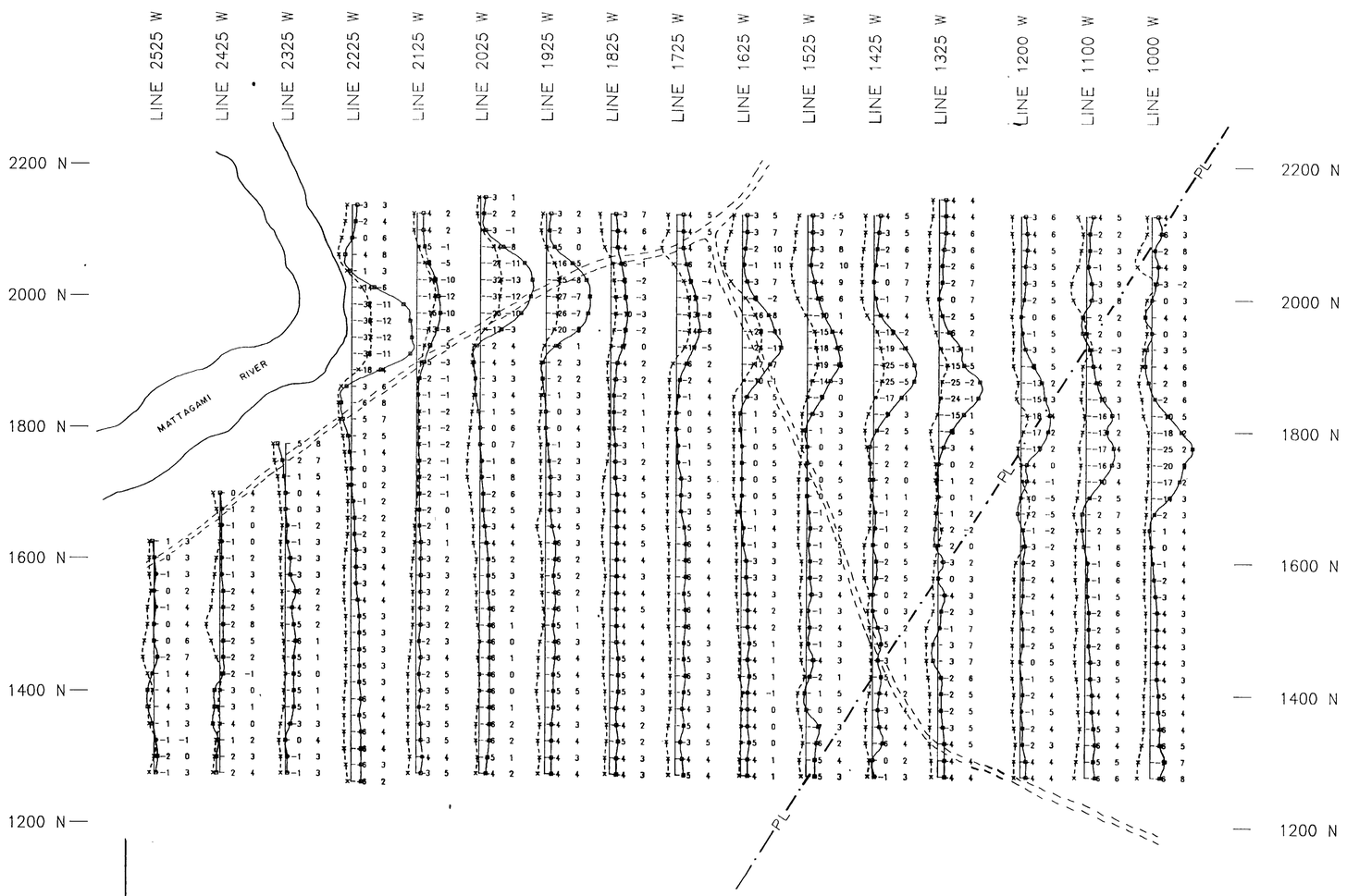
CHEVRON UMEX J.V.

HLEM SURVEY

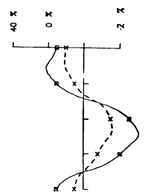
PRICE TOWNSHIP

FILE COPY

SCALE : 1: 5000	DATE : APRIL 1988
FILE : PRICEN.HL	444 h
WORK BY : *Timmins Geophysics Ltd.*	



Instrument : Apex Parametrics MaxMin I
Coil Separation : 150 meters
Frequency: 1777 Hz
Profile Scale : 1cm = 20%



In-phase
Quadrature
POWER LINE
ROAD

63.5388

Om88-003

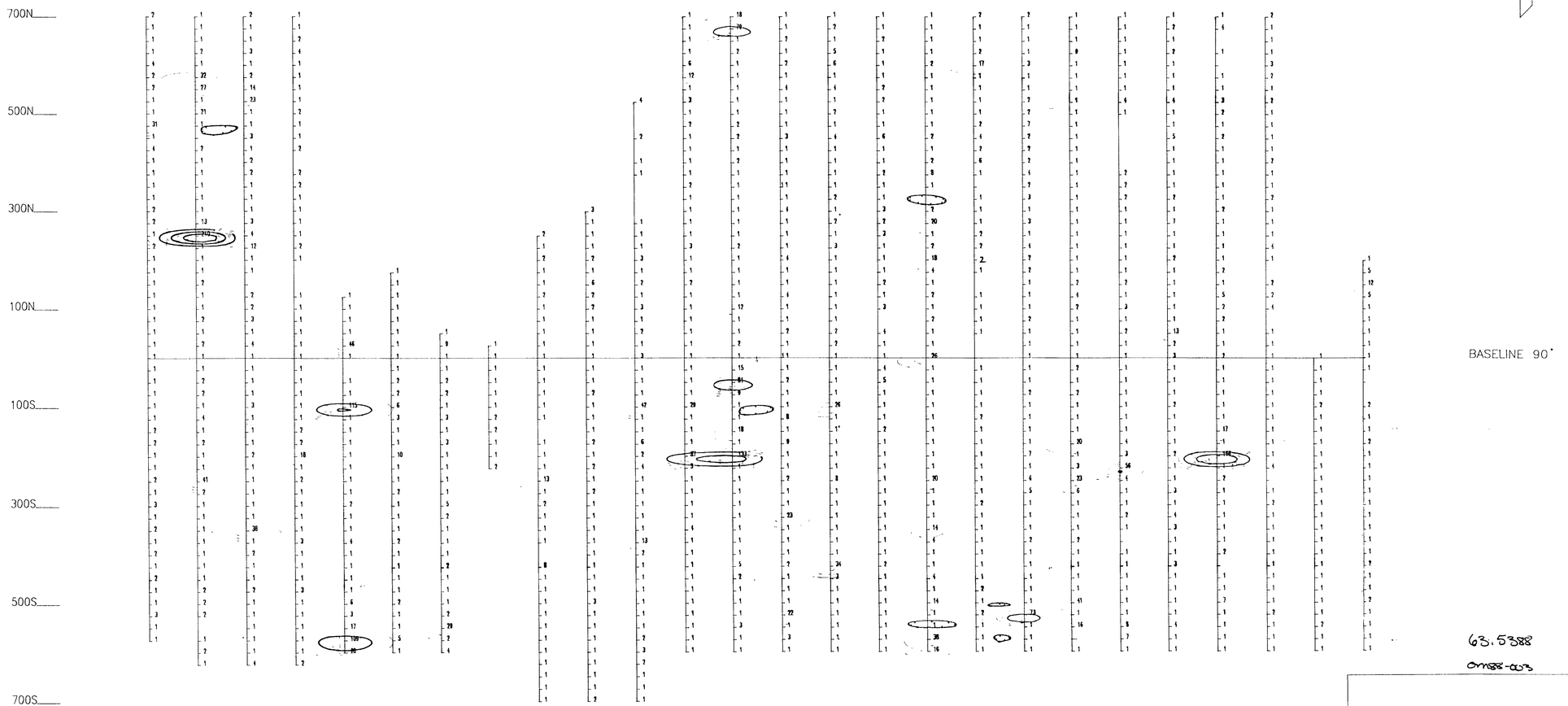
CHEVRON-UMEX J.V.

HLEM SURVEY

PRICE TOWNSHIP

FILE COPY

SCALE : 1: 5000	DATE : APRIL 1988
FILE : PRICEN.HL	1777hz
WORK BY : *Timmins Geophysics Ltd.*	



63.5388

0988-083

Contour Interval : 10.0

100m 50m 0m 100m 200m

PRICE

GEOCHEMICAL SURVEY

PPB Au

PROJECT: PRICE PROJECT # : THREE

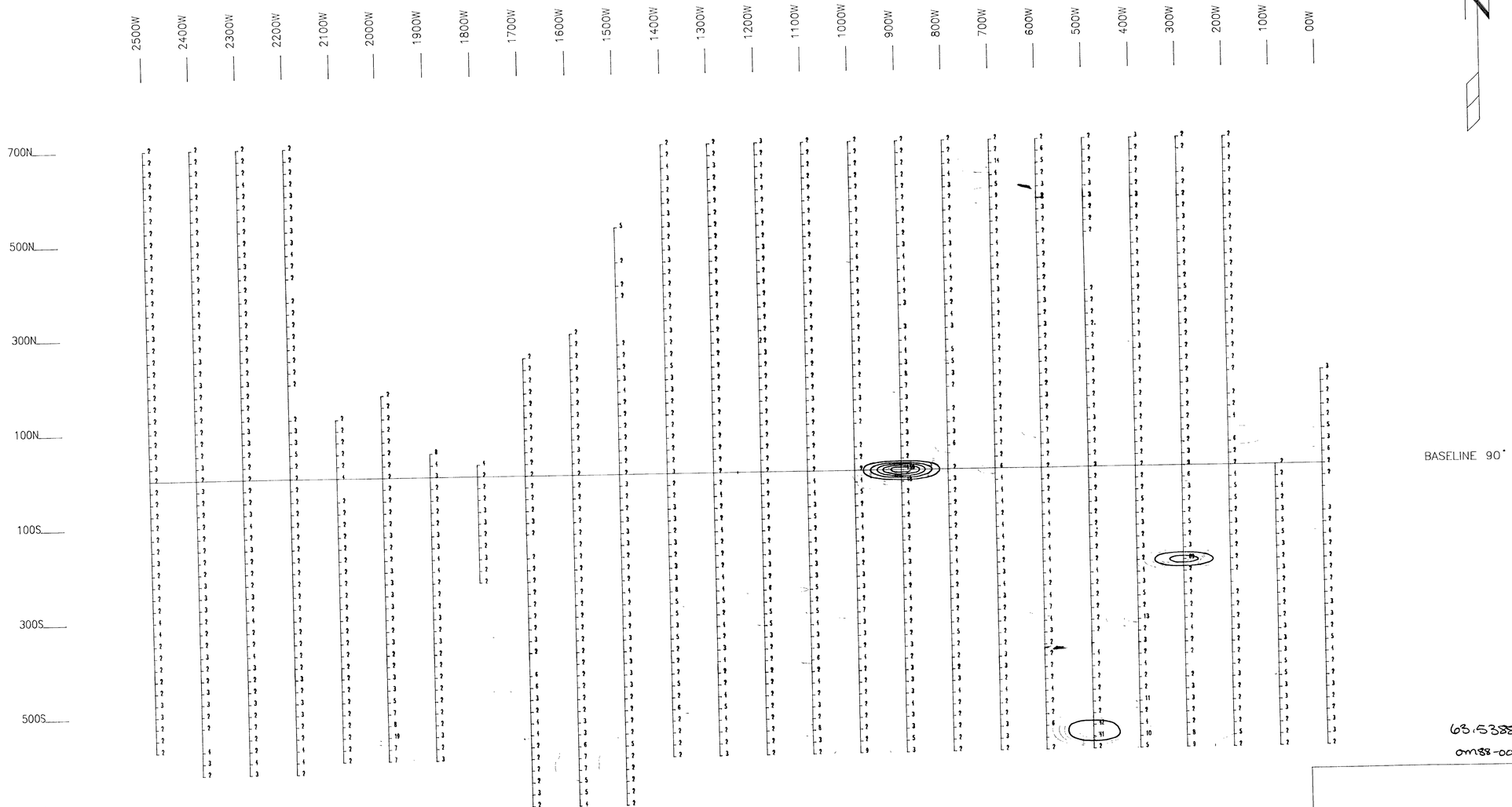
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 8/18/88

SURVEY BY : CHEVRON NTS : 42 A/6

FILE: CTHREPRI

UMEX Inc.



63.5388
OM88-003

Contour Interval : 5.0

100m 50m 0m 100m 200m

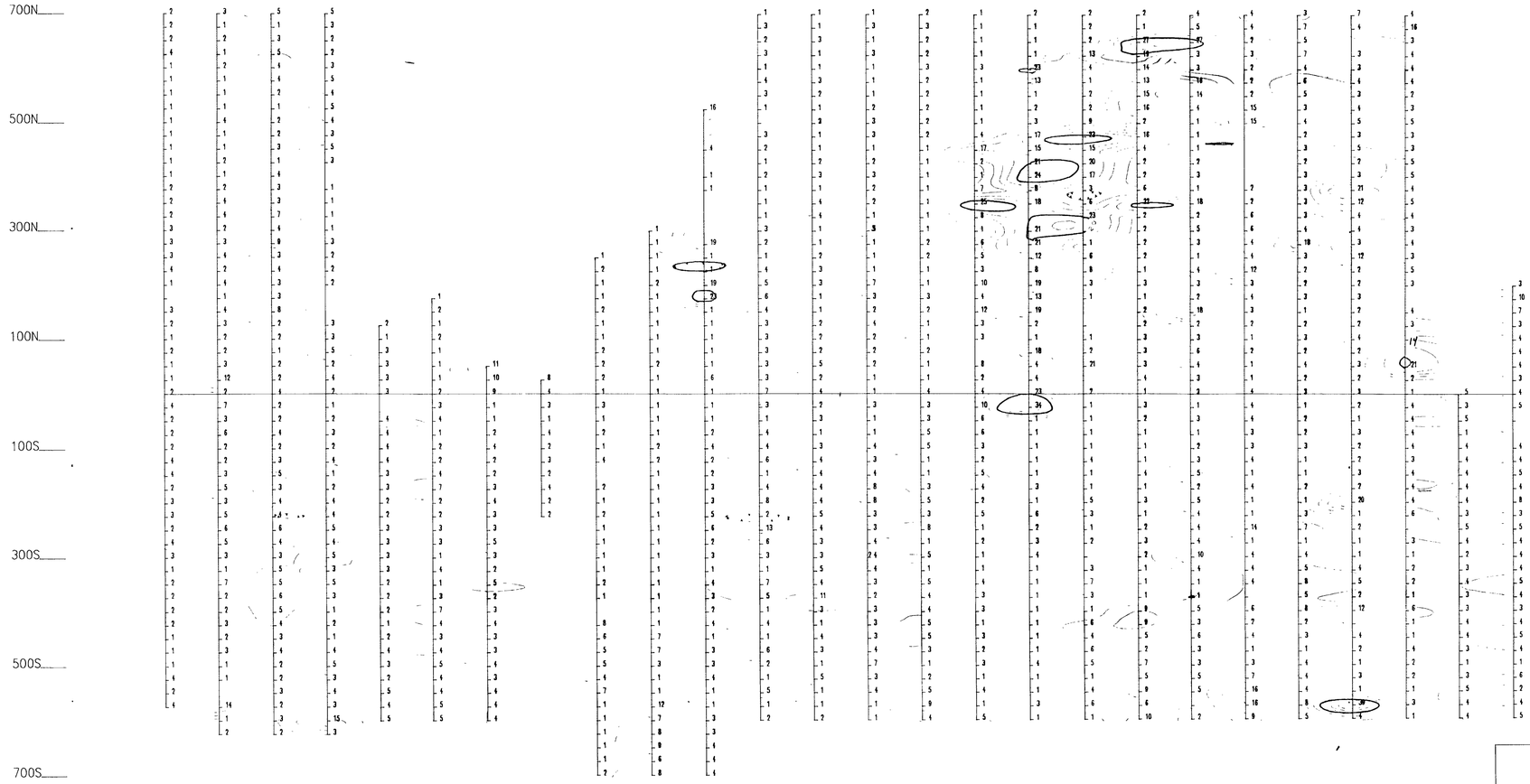
PRICE

GEOCHEMICAL SURVEY
PPM As
PROJECT: PRICE PROJECT # : THREE
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 8/18/88
SURVEY BY : CHEVRON NTS : 42 A/6
FILE: CTHREPRI
UMEX Inc.

42A06SW0056 63.5388 PRICE

270



BASELINE 90°

63.5388
OM88-003

Contour Interval : 5.0

100m 50m 0m 100m 200m

PRICE

GEOCHEMICAL SURVEY

PPM Cu

PROJECT: PRICE PROJECT # : THREE

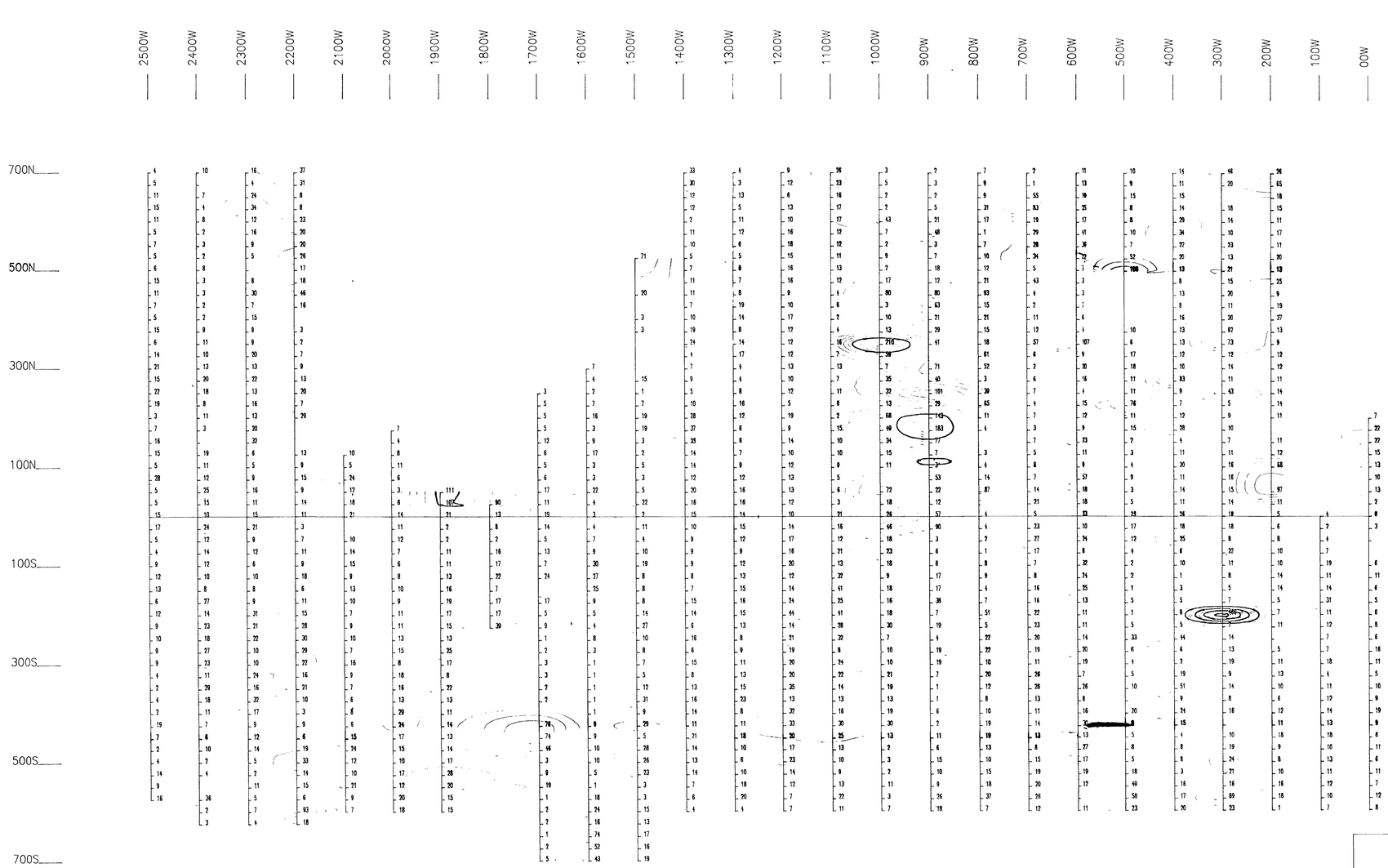
BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 8/18/88

SURVEY BY : CHEVRON NTS : 42 A/6

FILE: CTHREPRI

UMEX Inc.



BASELINE 90°

63.5388

OM88-003

Contour Interval : 20.0

100m 50m 0m 100m 200m

PRICE

GEOCHEMICAL SURVEY

PPM Zn

PROJECT: PRICE PROJECT # : THREE

BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 8/18/88

SURVEY BY : CHEVRON NTS : 42 A/6

FILE: CTHREPRI

UMEX Inc.

42A06SW0058 63.5388 PRICE

290

63.5388
OM88-003

Contour Interval :

100m 50m 0m 100m 200m

PRICE

GEOCHEMICAL SURVEY

% Ca

PROJECT: PRICE PROJECT # : THREE

BASELINE AZIMUTH : 90 Deg.

SCALE = 1: 5000 DATE : 8/18/88

SURVEY BY : CHEVRON NTS : 42 A/6

FILE: CTHREPRI

UMEX Inc.

BRISTOL TWP
THORNELOE TWP
L20W
TL22N
L10W
T 22 N
OGDEN TWP
PRICE TWP
MATTAGAMI RIVER
L22W
GRASSY RIVER
BL12N
BL 12N
Power line
L23W
TL7N
L1W
TL7N
BLO
LO
BLO
TL6S
L23W
L10W
LO
TL8S
L18W
TL8S
L13W

EXISTING GRID
PROPOSED GRID

63.5388

Om88-003

CHEVRON - UMEX J.V

LINECUTTING SKETCH
CROXALL KANGAS OPTION
PRICE TWP.

SCALE: 1:10000	DATA : DVM
DATE: Dec. 15/87	DRAWN: DVM

42A06SW0056 63.5388 PRICE