CANADIAN UNITED MINERALS INC.

Assessment Report on 2000 Exploration of the Horn 1 - 18 Claims (grant # YC03762 - 79), Tombstone Mountains, Yukon Territory.

Latitude 64° 27' N
Longitude 138° 38' W

N.T.S. 116 B-7

094210

D.Tenney

B.Sc. D.I.C. M.I.M.M. C.Eng.

May 22/2001.

Mine Geology Services
Whitehorse, Yukon Territory.

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 7,200.

M. B...

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

CONTENTS

APPENDICES

1. List of Horn claims from mining recorders office.
2. Yukon Minfile 116 B147 (Marn Deposit).
3. MLUR letter to N. Veres with list of 2000 exploration.
4. Horn rock codes for drill logs, sections and maps.
5. Horn diamond drill hole logs HS00-01 to 06 (07 and 08 omitted).
6. Assay reports.
7. List of intersections 1999 - 2000.
8. Description of MaxMin geophysical instrument and methods.
9. Exploration costs from Sunshine Bookkeeping records.
10. Statement of qualifications.

DRAWINGS

1. Property location map.
2. Claim map.
3. HLEM survey - 50m separation - 440 HZ.
4. HLEM survey - 50m separation - 880 HZ.
5. HLEM survey - 50m separation - 1760 HZ.
6. HLEM survey - 50m separation - 3520 HZ.
7. Diamond drill hole locations.
8. Geological Mapping.
9. Diamond drill cross section 0+25W.
10. Diamond drill cross section 0+10W.
11. Diamond drill cross section 0+05E.
12. Magnetometer survey (1998) and anomaly locations.
13. Partial claim survey Lamerton & Associates.

1.0 Summary

Canadian United Minerals staked the Horn claims in March 1997 after a program of stream sediment sampling and prospecting led to the discovery of the main showing. The property comprises twenty two claims staked in two blocks, a larger block of eighteen claims, which covers the main showings, and a smaller block of four claims about one kilometer further north. These claim blocks lie in the Dawson Mining District about fifty kilometers northeast of Dawson City, Yukon Territory (claim sheet 116 B-7) on the north boundary of the Core Area of the proposed Tombstone Territorial Park. The government has passed an order-in-council that now prohibits claim staking in the Core Area and in the Study Area surrounding the Horn claims to the north. However, claim owners still have the right to work any old claims they still own inside the Study Area. Canadian United Minerals holds a class III mining land use authorization LQ00041 that allows work until the 2004 field season.

A glacial valley, cirque and terminal moraine surrounded by rugged nearly 2,000 meter high peaks dominate the topography of the claim blocks. The area, which is one of alpine tundra, lies in the Cloudy Range, a part of the Ogilvie Mountains. The overburden is mainly glacial moraine with extensive talus on mountainsides. Soil is thin to non-existent over much of the claim group and vegetation, where present, comprises mainly moss, lichen and grasses. There are no trees.

Normal access to the property is by helicopter from Dawson. There is no road access, but there is a snowmobile route along the west branch of the Upper Blackstone River, starting at a point on the Dempster Highway near Chapman Lake.

Previous work in the area dates back 100 years to include the discovery of silver veins at Spotted Fawn Gulch in 1901 and the Marn deposit in 1914. This deposit, which is similar to the Horn, contains an estimated 275,000 to 330,000 tonnes grading 8.6 g/t gold (0.25 oz/t), 1.0% copper, and 17 g/t (0.50 oz/t) silver. It lies ten kilometers (six miles) to the northwest of the Horn. The Marn deposit and the Little Chief copper-silver-gold deposit on the Whitehorse Copper Belt are the two skarn- type deposits used as exploration models for work in the area.

The main group of eighteen claims covers part of a roof pendant of sediments of Devonian to Jurassic age enclosed by Tombstone plutonic rocks. Within the sediments are layers of Permian Tahkandit limestone with interbedded siliclastic sediments. Near the main showing this package of rocks is about 150m (500 feet) thick. Geological mapping of float and outcrop defined at least three limestone layers. These are named the "upper", "middle" and "lower" limestone. The limestone layers strike sub-parallel to the intrusive contacts over a mapped east to west strike distance of about 800 meters (2,625 feet). Dip is at a high angle to the north. Devono-Mississippian hornfels crops out below the lower limestone, and Jurassic schist above the upper limestone. Calc-silicate and pyrrhotite skarns develop at or near the limestone contacts. They may contain gold and copper, with traces of silver, lead, zinc, arsenic and bismuth. Feldspar porphyry dykes occur in bedrock and as float in several locations on the property, sometimes in association with skarn zones and sulphide mineralization.

A total field magnetic survey by Shawn Ryan in 1998 located two small but moderately strong magnetic anomalies, M-1 and M-2, within the middle limestone. Peak magnetic readings over these anomalies range from 500 to 3,000 gammas above background. One of these anomalies, M-1, which represents the main showing, was trenched in 1998 to expose high grade gold mineralization in a massive to semi-massive pyrrhotite skarn. The trench was reopened in 1999 as trench 99-01, and again in 2000 as trench T00-01. One line of chip samples across this trench taken by the author in 1999 returned average calculated gold grade of 58.9 gm/tonne (1.72 oz/ton) over a sampled width of 5.94m (19.5 feet). The sample line is close to section line 0+12W. Magnetic surveys, geological mapping in the trench, and diamond drilling suggest that the mineralized zone strikes along the trench in a direction slightly north of east, parallel to the strike of the limestone.

Seven of ten "ex" diamond drill holes completed on the main showing (trench 99-01) in the 1999 field season intersected pyrrhotite skarn, and four of these holes cut sections containing small specks of visible gold. The highest assay returned by drill core, was 376.9 g/t gold (10.99 oz/ton). This core came from 5.12 to 6.40m (16.8 to 21.0 feet) in hole HS 99-11. In 2000, seven diamond drill holes (HS 00-01 to HS 00-07) were drilled on the main showing. The first four of these holes intersected visible gold at various depths below surface. An eighth hole, which could not be completed, was drilled on the

Bullseye zone, magnetic anomaly M-2. This anomaly is 75m (246 feet) east of the main showing (magnetic anomaly M-1). It is a rather larger anomaly and it too is probably a reflection of magnetic pyrrhotite in the bedrock. An anomalous gold value of 1,540 ppb occurs in soil nearby. Rusty overburden, a piece of coarse grained massive pyrrhotite float and coarse grained recrystallized limestone were exposed in two small trenches excavated on this zone over the last two years. Several other lower order magnitude magnetic anomalies on the 1998 exploration grid remain untested.

The skarn on the footwall contact of the "lower" limestone yielded some low grade assays from bedrock (up to 2 gm/tonne), but higher values occur in the overlying oxidized overburden, where grades up to 8.4 g/t (0.24 oz/ton) were recorded. A single piece of massive pyrrhotite float dug up near trench 98-05, close to the lower limestone contact, assayed 47.9 g/t gold (1.40 oz/t).

The property is in the early exploration stage of development, however, some metallurgical and acid base accounting test work is ongoing and there is a plan to excavate a bulk sample for metallurgical testing on site, possibly in the year 2002. Further exploration is scheduled for the year 2001 field season with the object of increasing the size of the resource and commencing pre-feasibility study on the economic viability of a small-scale open pit or underground mining operation. An exploration program to delineate targets both near surface and deeper in the pendant is warranted.

If exploration results indicate that heavier equipment is needed on the property, an application for winter road access along the valley of the West Branch of the Upper Blackstone River will be made.

This report is a summary of work done during the 2000 field season. Units used, including the grid coordinates, are metric (some imperial values quoted in brackets).

2.0 Property, Location and Access

Canadian United Minerals staked the Horn property in March 1997 under the authority of the Yukon Quartz Mining Act. The claims are recorded with the Dawson mining recorder as Horn 1 - 22, with grant numbers YC03762 to YC03783 (appendix 1). The property comprises a total of twenty two claims in two blocks, a larger block of eighteen claims that has a provisional expiry date of March 10th 2012, and a smaller block of four claims about one kilometer further north, which expires on March 10th 2004 (drawing 2). These claim blocks are in the Dawson Mining District about fifty kilometers northeast of Dawson City, Yukon Territory, on claim sheet 116 B-7 (drawing 1). The core area of the proposed Tombstone Territorial Park lies to the south and to the east of the claims. The government has passed an order-in-council that now prohibits claim staking in the Core Area of the proposed park and in the Study Area that surrounds the claims to the north. Claim owners still have the right to explore and work any old claims they own inside the Study Area.

The Tombstone Range is one of Pleistocene mountain glaciation and the dominant geographic feature of the claim area is a blind steep sided east-west trending glacial valley with associated cirques and knife-edge ridges. Topography is rugged and elevations on the property cover a vertical range from about 1,300 to 2,000 meters. The main pyrrhotite showing (trench 99-01), however, is on relatively gently sloping ground about 100 meters or so north of the camp buildings and helicopter-landing pad.

Camp supplies come from a base at Dawson City by helicopter. There are no roads to the property, but there is a snowmobile route along the valley of the West Branch of the Upper Blackstone River. The route is about forty six kilometers (thirty miles) long and starts at a point on the Dempster Highway near Chapman Lake.

3.0 History of Previous Work

Previous work in the area dates back 100 years to include the discovery of high grade silver veins at Spotted Fawn Gulch in 1901, and the skarn type Marn deposit in 1914. The Marn deposit lies ten kilometers (six miles) to the northwest of the Horn. Estimates indicate that it contains 275,000 to 330,000 tonnes (303,000 to 364,000 tons) of mineralization grading 8.6 g/t gold, (0.25 oz/t) 1.0% copper, and 17 g/t silver (0.50 oz/t) (Yukon Minfile - appendix 2). The mineralogy and geological structure of the Marn are similar to the Horn deposit.

L.H. Green mapped the Tombstone area for the Geological Survey of Canada in 1961 and D. J. Tempelman-Kluit did further mapping in 1964 as part of his Ph. D. thesis. The Tombstone Range generated considerable interest in the 1970's with the discovery of extensive deposits of low grade uranium there. More recent work includes additional geological mapping, and a regional stream sediment survey published by the Geological Survey of Canada as open file #2365. Bremner summarizes prior work as part of a review of the mineral potential of the area in 1994.

4.0 Geology

Bremner (1994) and many of the publications listed in the bibliography to his report describe the regional geology of the Tombstone Mountains region.

The Horn claims cover a package of sedimentary and intrusive rocks in a thrust sheet bounded above and below, respectively, by the Robert Service and Tombstone Thrusts. These thrusts are low angle, trend east to west, and have a more or less northerly movement. The same thrust sheet also hosts the mineral deposits in the Keno Hill silver camp further to the east. Neither thrust crops out on the property, but the Tombstone Thrust may exist at depth if the intrusive does not occlude it. The Robert Service Thrust crops out further to the south but over the Horn claims is probably eroded. These two thrusts were isoclinally folded before the intrusion of the Tombstone plutonic rocks took place.

On the Horn claims, the thrust sheet hosts a narrow east to west trending roof pendant of Devonian to Jurassic age sedimentary rocks enclosed on all sides by Cretaceous quartz monzonite intrusives that belong to the Tombstone Plutonic Suite. According to mapping by the Geological Survey of Canada, the pendant is about 600 m wide and over three kilometers long. The sediments within the pendant strike east to west, parallel to the intrusive contacts, and dip at high angles (70 degrees) to the north. The Horn claims cover the western end of this pendant. The sedimentary package comprises Devono-Mississippian hornfels overlain in turn by Permian Tahkandit limestone and siliceous schists of Jurassic age.

Recent geological mapping on the property by Canadian United suggests that the Permian sedimentary sequence contains at least three layers of limestone, an "upper", a "middle", and a "lower" layer, along with at least two thin bands of interbedded siliclastic sediments including a very hard quartzite. The limestones are extensively recrystallized to form marble and locally patches of calc-silicate and pyrrhotite skarn develop on or near the limestone contacts. The high grade gold mineralization in the main showing is associated with one such lens of pyrrhotite skarn. The total thickness of the mapped limestone, including interbedded clastics, is about 150m (500 feet), and the package has a mapped strike length of over 700m (2,300 feet). The limestones appear to pinch out to

the west near grid line 600+00W and disappear under terminal moraine and talus to the east near grid location 300+00E. An easterly dipping normal (extensional) fault that cuts both the sedimentary and igneous rocks of the area appears to truncate the limestone at surface a short distance off the east end of the exploration grid. On the east side of the fault (hangingwall side) are extensive exposures of slightly rusty Jurassic schist. This schist may overly bodies of "blind" Permian limestone that are in contact with the intrusive but do not reach surface. If such limestones exist, they are favorable locations for skarn formation and gold mineralization. The limestones must terminate against the intrusive contact down dip to the north, unless they pinch out first or the Tombstone Thrust truncates them. Skarns develop within and on the contacts of the three limestone layers. The skarns contain green and brown calc-silicates and sometimes-massive to semi-massive pyrrhotite. The gold mineralization is associated with these skarns and particularly the pyrrhotite. Geological mapping located feldspar porphyry dykes, which are associated with skarn at several locations on the line cutting grid. The narrow dyke that cuts the main showing is skarnified in places, but the larger Tombstone intrusions are not. The contact between the footwall of the "lower" limestone and the underlying hornfels offers a good target for exploration, especially where it is close to the main intrusive.

The main showing exposed in trenches 99-01, 99-05, and 00-01 is in the "middle" limestone layer close to the contacts with the surrounding siliclastic rocks (drawings 8, 10, 11). These trenches expose massive to semi-massive pyrrhotite along with pyrite, quartz and calc-silicate minerals. Less abundant minerals include calcite, epidote, chalcopyrite, bismuth (bismuthinite?), fluorite, and there are traces of arsenopyrite, sphalerite and galena. The showing contains relatively high grade gold which is visible in drill core and in samples of trench material cut with a diamond saw.

Typically, skarn deposits form by alteration and metasomatism of pre-existing calcareous rocks. Skarn formation occurs along the contacts between the calcareous rocks and surrounding intrusives, often where the carbonates are either partially or totally enclosed by the intrusive. This usually results in the formation of a roof or flank pendant. Skarnification of the limestone is generally strongest nearer to the intrusive contacts and diminishes away from them. The heat needed to generate a skarn comes from the intrusive.

Geological models for the structure and mineralogy of the Horn property include the Marn and the Little Chief deposits. Both deposits comprise exoskarn and sediments that lie in flank pendants at the margin of large bodies of acid plutonic rock. The mineralogy of the Marn deposit (Brown and Nesbitt 1987) is very similar to that of the Horn as they are both pyrrhotite/calc-silicate skarns that contain high grade gold, whereas the Little Chief is a copper-bearing magnetite serpentine skarn with relatively low gold concentrations.

Whitehorse Copper Mines Ltd. mined The Little Chief, which is in the Whitehorse Copper Belt, to recover over five million tonnes of ore. The deposit provides a good exploration model since pendants of a similar type may well develop on the Horn claims. If the Horn sedimentary inlier is pendant shaped (rather than flat bottomed) and contacts with the surrounding intrusives dip at sixty degrees, the sediments, including the limestones, will pinch out at a depth of about 600m (2,000 feet). No exploration drilling on the Horn claims has reached a greater depth than forty meters (one hundred and thirty feet) from surface, the deepest point at which hole HS 00-03 intersected pyrrhotite skarn. However, the Tombstone Thrust may truncate the limestone, or it may pinch out at depth, before it reaches the intrusive. Diamond drilling is needed to test for gold-bearing skarns in these deeper target zones. The Hydracore drill has insufficient power to drill holes deep enough for this purpose.

5.0 Work by Canadian United Minerals - 2000

5.1 GEOPHYSICAL SURVEYS

An extensive magnetic anomaly, M-7 (drawing 12), that has peak readings of over 2,000 gamma above local background, lies on the exploration grid south of the baseline. It trends from east to west over a surveyed distance of about 600 meters, but it is probably more extensive than this. Geological mapping revealed boulders and outcrop of magnetic "monzonite" at several locations along the axis of this anomaly. The rock contained small amounts of disseminated pyrrhotite and weathered a light rusty color. The 58,250 gamma contour approximately defines the contact between the "monzonite" and the adjacent sediments to the north. There are three small low order magnetic anomalies associated with this trend. They occur at 200+00E 0+12.5S (M4), 0+75E 0+12.5N (M5) and line 0+00E/W 0+12.5N (M6): all probably represent pyrrhotite bearing skarn (drawing 12).

Amerok Geosciences Ltd used a multi frequency horizontal loop instrument to conduct a MaxMin electromagnetic survey over the 1998/99 exploration grid (drawings 3, 4, 5 and 6). The survey covered five line kilometers. A moderately strong anomaly, which is obvious on the drawings, occurs over the main showing on line 0+00 E/W near 100+00 N. A higher frequency VLF survey should also be run over the grid, and further electrical testing for deeper targets (mise a la mass) is under consideration. However, the steepness of the local terrain surrounding the target areas hampers the effectiveness of such surveys.

A trial induced polarization survey, also done by Amerok, was unsuccessful because electrodes did not make good contact with the ground in some areas, especially where overburden was rocky (much of the property). Areas where the overburden was wet and mossy provided very good electrical contacts; however, these areas are limited and would not support a standard IP survey of the whole grid.

5.2 TRENCHING

Seven trenches, numbered T00-01 to T00-07, were excavated in the 2000 field season. The measurements to calculate the volume excavated are incomplete and will have to be made at the start of the 2001 field season. All seven trenches are extensions of earlier ones. Maximum trench depth was limited to about two meters but in many cases trenches did not reach bedrock. One trench, T00-04 (old trench T98-07), was partially backfilled.

Trench T00-01 (100+09 N, 0+00W)

Trench T00-01, between old trenches T99-02 and T99-05 (figure 7), is at the site of the main showing. The zone exposed in this trench comprises massive to semi-massive pyrrhotite skarn that dips to the north at a high angle. A feldspar porphyry dyke containing patchy green and brown skarnification intrudes the footwall side of zone and strikes parallel to the footwall contact. Towards the hangingwall side of the zone, the sulphide mineralization becomes semi- massive and predominantly pyritic and siliceous, and the ground is very hard. The geology in this pit is very similar to the geology on section 0+12.5W, which was drilled off in 1999. The mineralized exposure is 4.6m (15.1feet) wide. Chip samples taken across it are still in camp and are not yet assayed. The volume excavated from this trench was about 32 cubic meters.

Trench T00-02 (100+80N, 0+50W)

Trench T00-02 is the northward extension of trench 88-01. The bedrock was not exposed in this trench. Amerok detected a resistivity low near the north end of the trench, which probably indicates the westward extension of the main showing. However, no significant mineralization was encountered in nearby diamond drill holes HS00-06 and -07.

Trench T00-03 (100+05N, 0+88E - Bullseye Anomaly)

Trench T00-03 is an expansion of trench T99-04 on the Bullseye magnetic anomaly. The pit is about 4m long, 4m wide and 1.5m deep. It did not expose bedrock. A large cobble of coarse grained pyrrhotite excavated from rusty overburden in the trench suggests that the anomaly reflects pyrrhotite in the bedrock. However, the bedrock source of the boulder, which weighed about five kilograms, was not located. Drill hole HS 00-08 was abandoned before it reached the target location (the magnetic anomaly). The possibility of a connection at depth between the pyrrhotite mineralization in the Bullseye and Main showings may be tested by geophysics (mise a la mass survey).

Trench T00-04 (0+12S, 200+10E)

Trench T00-04, dug on the site of earlier trench 98-07, exposed more green calc silicate skarn. The volume excavated was small, about three cubic meters, and the trench was partly backfilled. The skarn in this area appears to generate a long thin magnetic anomaly that lies along the lower limestone-hornfels contact at the east end of the exploration grid. The reason for the magnetic response may be small amounts of magnetite or pyrrhotite in the skarn. West of this trench skarn was mapped intermittently over a strike length of about 400m (1,300feet) along the "lower" limestone contact. Magnetic anomalies M-5 and M-6 lie on or close to this contact.

Trench T00-05 (0+12S, 100+00E)

Trench T00-05 was dug at the site of old pit 98-06 near the lower limestone/hornfels contact. The trench was not mapped or sampled.

Trench T00-06 (0+20N, 70+00E)

Trench T00-06 was dug at the site of old trench 98-05 near the lower limestone/hornfels contact. The trench was not mapped or sampled. Large boulders of pale grey marble at this location prevented completion of the trench to bedrock. The overburden was partly rusty and limonitic. A large boulder of mineralized pyrrhotite skarn lying a short distance to the east of this trench assayed 47.9 g/t gold (1.40 oz/t), and magnetic anomaly M-5 lies nearby at 0+75E, 0+25N. Peak readings are 200 to 400 gammas above

background. This anomaly has a short strike length, about 75 m (246 feet) and may correlate with the large piece of massive pyrrhotite float noted above.

TRENCH T00-07 (0+05S, 0+12E)

Trench T00-07 was dug at the site of old trench 98-04 near the lower limestone/hornfels contact. It is questionable whether this trench reached bedrock or not. It was not mapped or sampled. Some pyrrhotitic (?) float was found in the trench.

5.3 DIAMOND DRILLING

The first four of seven AQT diamond drill holes completed under the main showing during the summer 2000 field season intersected visible gold (drawings 7, 9, 10, 11). An eighth hole on the Bullseye anomaly was abandoned before it was complete. According to the drillers, it was entirely in marble. Logs HS 00-01 to HS 00-06 are included with this report, but not logs HS-00-07 and -08, which are incomplete. Diamond drill Holes HS 00-06 and HS 00-07, which contain very small amounts of pyrrhotite, limit the westerly extent of the mineralization in the main showing. The zone is open down dip below hole HS 00-03 and on strike to the east beyond hole HS 00-04. The total length drilled in the eight holes was 359.0m (1,178 feet).

5.4 GEOLOGICAL MAPPING

The 1998 exploration grid was extended from line 400W to line 600W, and the area mapped. It appears as though the limestones pinch out on this part of the grid and intrusive rocks become more dominant. This area, which does not have extensive rock outcrop, may yield more information about the shape of the sedimentary inlier and in particular whether it is flat-bottomed or pendant shaped.

Numerous boulders and several outcrops of magnetic intrusive were discovered over the prominent magnetic anomaly south of the baseline. This rock often contained small amounts of fine grained pyrrhotite and weathered to a light rusty color. This is an unusual rock type for this region as the bulk of the high magnetic readings encountered

by the government airborne survey over this area represent pyrrhotitic sediments peripheral to the Tombstone Intrusive rocks.

6.0 Conclusions

Development of the Horn property is in the early exploration phase. Gold, sometimes high grade, and in some cases visible, occurs in massive to semi-massive pyrrhotite skarns replacing Permian Tahkandit limestones. The limestones are interbedded with siliclastic rocks, some of which are extremely hard. This sequence of Permian rocks dips steeply to the north and is overlain by Jurassic schist and underlain by Devono-Carboniferous hornfels. This package of rocks was faulted and folded before the intrusion of quartz monzonite and associated dykes of the Tombstone Plutonic Complex. A late easterly dipping normal (extensional) fault that cuts both the sedimentary and igneous rocks of the area appears to truncate the limestone at surface a short distance off the east end of the exploration grid. On the east side of the fault are extensive exposures of slightly rusty Jurassic schist. This schist may overly bodies of "blind" Permian limestone that do not reach surface. If such limestones exist, they are favorable locations for skarn formation and gold mineralization. On the west end of the grid, the limestones appear to pinch out near grid line 600+00W.

The skarn and associated high grade gold mineralization in trench T00-01 (99-01) is open on one section down dip and along strike to the east. Gold exists in bedrock, overburden and float on other parts of the property. The projected distance from surface down dip to the point where the limestone layers will be truncated by the intrusive is roughly estimated at 600 meters (2,000 feet). This assumes a sedimentary pendant 600m (2,000 feet) wide and intrusive contacts dipping at 60 degrees. None of these contact zones has been tested at a depth greater than forty meters (130 feet) from surface.

Calc-silicate skarn was mapped intermittently over a strike length of about 400m (1,300 feet) along the footwall of the "lower" limestone where it is in contact with the hornfels and close to the Tombstone intrusives. This contact was tested by limited trenching but not by drilling. Low to moderate grade gold is associated with this skarn in bedrock, and higher grade values were recovered from a boulder of massive sulphide float discovered nearby.

At least five magnetic anomalies associated with the limestone remain largely uninvestigated, including anomalies M-2 (Bullseye showing), M-3, M-4, M-5, and M-6 (camp showing). Other areas of skarn formation and sulphide mineralization in the Jurassic schist found in 1999 are of unknown potential at this time.

As large tracts of potentially favorable contact remain untested, more diamond drilling is justified.

7.0 Recommendations

1. Complete the definition of the pyrrhotite zone seen in trenches 99-02, 99-05 and T00-01 (magnetic anomaly M-1) and continue following the mineralization along strike and down dip to the extent possible. Drill holes and trenches should be on section lines at about 15m (50 foot) intervals and every effort made to sample the mineralization in a continuous line from one contact to the other. In order to do this diamond drill holes should preferably be collared in the hangingwall of the zone. A drill set up on the footwall side of the zone is a second possibility but intercept angles on the mineralization will be poorer.
2. Continue to trench and diamond drill magnetic anomaly M-2 (Bullseye Anomaly), near trenches 99-03, 99-04 and T00-03. This almost certainly represents another lens of pyrrhotite, and there is a good chance it is auriferous (there are local high gold concentrations in rusty overburden and one cobble of massive pyrrhotite float was found nearby.).
3. Complete a detailed magnetic survey on magnetic anomalies, M-3, M-4, M-5 and M-6 extending the magnetometer grid eastwards as necessary, and proceed to trenching and drilling.
4. Geochemical soil/overburden survey over whole property for gold, copper, lead, bismuth and arsenic.
5. Carry out VLF electromagnetic and other (mise a la mass?) surveys, concentrating particularly on limestone contacts at depth.
6. Map and sample all trenches completed in the 2000 field season, and drill at depth as needed.
7. Prospect and explore skarn and sulphide showings in the Jurassic schist.
8. Map geology over complete property, and sample where necessary.
9. Drill deeper in pendant based on geological mapping and geophysics.

8.0 Bibliography

Bremner T.J. Proposed Tombstone Area Park - A Preliminary Review of the Mineral Potential. Exploration and Geological Services Division, Yukon Region open file 994-2(T). April 1994.

Brown I.J. and Nesbitt B.E. - Copper-gold-bismuth mineralization in hedenbergitic skarn, Tombstone Mountains, Yukon. Canadian Journal of Earth Sciences 24, pp2362 - 2373 (1987)*

Ettlinger A.D. and Meinert L.D. Gold Skarn Mineralization and Fluid Evolution in the Nickel Plate Deposit, British Columbia. Economic Geology Vol. 87, 1992, pp 1541-1565.

Meinert L.D. Application of Skarn deposit Zonation Models to Mineral Exploration. Mining geol. Vol 6 No.2, pp 185-208, 1997.

Tenney D. The Whitehorse Copper Belt: Mining Exploration and geology (1967-1980) Department of Indian and Northern Affairs Canada, Bulletin 1.

Yukon Minfile #116B 147 Marn. Yukon Geology Program, Whitehorse.

APPENDIX 1

List of Horn claims from mining recorders office.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

Claim Status Report

10 May 2001

	Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
R	Horn 1 - 18	YC03762 - YC03779	2012/03/10	Canadian United Minerals Inc.	100.00	116-B-07
	Horn 19 - 22	YC03780 - YC03783	2004/03/10	Canadian United Minerals Inc.	100.00	116-B-07

Criteria(s) used for search:

CLAIM NAME: HORN CLAIM NTS: 116B07 CLAIM STATUS: ACTIVE & PENDING REGULATION TYPE: QUARTZ

Left column indicator legend:

R - Indicates the claim is on one or more pending renewal(s).
P - Indicates the claim is pending.

Total claims selected : 22

Canada

APPENDIX 2

Yukon Minfile 116 B147 (Marn Claims)

YUKON MINFILE
YUKON GEOLOGY PROGRAM
WHITEHORSE

NAME(S): Marn
MINFILE #: 116B 147
MAJOR COMMODITIES: Au,Cu,W
MINOR COMMODITIES: Ag,Bi,Zn,Ni
TECTONIC ELEMENT: Selwyn Basin

NTS MAP SHEET: 116 B 7
LATITUDE: 64°29'14"N
LONGITUDE: 138°48'13"W
DEPOSIT TYPE: Skarn
STATUS: Deposit

CLAIMS (PREVIOUS AND CURRENT)

MARN, SEELA

WORK HISTORY

Old correspondence indicates that Frank McQuillan found this showing in 1914 but no claim records have been found. Staked as MARN cl (YA31491) in Atig/78 by Mattagami Lake ML and adjoining SEELA cl (YA31370) to the west in Jul/78 by Noranda. The Marn group was transferred to Numatt ML and Noranda, which explored with mapping and geochem sampling in 1979; mapping and sampling and 8 holes (1004 m) in 1980; mapping, surveying, hand trenching and 8 holes (about 950 m) in 1981; additional mapping in 1982, and 13 holes (1617 m) in 1983. In 1985, Noranda conducted a CSAMT (Control Source Audio Magnetotellurics) survey and drilled 2 holes (867 m).

Restaked as Marn cl 1-8 (YA31491) by Hemlo Gold Mines in Feb/95.

GEOLOGY

A gold-bearing massive sulphide zone occurs in a 30 m thick band of pyroxene skarn containing minor garnet and scheelite. The skarn is hosted by Permian Takhandit Formation limestone, which is underlain by a clastic unit of probable Devono-Mississippian age and cut by a 600 to 800 m wide lobe on the west side of the Cretaceous Mt Brenner Stock. Most of the skarn lies beneath slightly discordant marginal sills off the diorite lobe.

The main stage of sulphide enrichment consisted of the replacement of skarn minerals by an assemblage that averages 70% pyrrhotite and 20% chalcopyrite and also contains minor sphalerite, arsenopyrite, pyrite and trace cubanite and pentlandite. The final stage of mineralization consisted of veinlets of electrum, native bismuth, bismuthinite, bismuth telluride (possibly hedleyite) and silver minerals, which cut the earlier sulphides and silicates.

Two zones are present, one on either side of the monzonite lobe. The Mini Grid Zone, on the north side, is estimated to contain 275 000 to 330 000 tonnes averaging 8.6 g/t Au, 1% Cu, 0.1% W and 17 g/t Ag. Gold grades up to 360 g/t Au have been obtained and the highest copper values (up to 1.5%) correlate with high gold grades. Tungsten, which grades up to 5.3% WO_3 across short intervals, is only present in the Mini Grid Zone.

The other zone, called Mineral Gully, rarely exceeds 0.5 g/t Au, 1.3 g/t Ag and 0.01% Cu. The 1985 drilling tested geophysical anomalies but did not intersect any skarn or significant mineralization.

REFERENCES

BROWN, I.M., AND NESBITT, B.E., Dec/87. Gold-copper-bismuth mineralization in hedenbergite skarn. Canadian Journal of Earth Sciences, p. 2362-2372.

GEOLOGICAL SURVEY OF CANADA Bulletin 180.

REFERENCES (CONTINUED)

LAMBERT, M.B., Apr/66. Geology of the Mount Brenner Stock. Unpublished M.Sc. Thesis, University of British Columbia.

YUKON EXPLORATION AND GEOLOGY 1981, p. 239; 1982, p. 225 ; 1983, p. 278-279.

YUKON EXPLORATION 1985-86, p. 396.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 287-288.

APPENDIX 3

Letter to Nick Veres (MLUR) with list of 2000 exploration.

Dave Tenney
Mine Geology Services
63 Finch Crescent
Whitehorse, YT
Y1A 5X5

DIAND
Mineral Resources
Room 325 – 345 Main Street
Whitehorse, YT
Y1A 2B5

March 7/2001

Attention: Nick Veres, Mining Land Use Officer
RE: Horn Claims MLUR Permit LQ00041 Work - Comments

Dear Mr.Veres,

These are the answers to the questions raised by concerned groups that have reviewed our application to amend MLUR license LQ00041. My field notes were recovered in January and I can supply most of the information that is missing. Some data, particularly some trenching volumes and diamond drill logs for holes HS00-07 and 08, are not available owing to the premature closure of the field season.

1. Wildlife Log. Shawn Ryan reported two grazing sheep a distance of about 1.5 km. north of the camp on July 28/2000. Resident near the camp was a marmot, which was seen intermittently, and several gophers. No other animal sightings were reported. No fresh animal signs (large animals) were seen on the property and little in the way of old signs. I saw a very old set of (? caribou) antlers on the hillside northeast of camp. This area does not seem to be frequented by large numbers of animals.

2. Blasting Log. Canadian United followed a deliberate policy of not blasting unless absolutely necessary. The Kubota backhoe performed all the trenching completed in the 2000 field season and no blasting was done and therefore no reports sent to the interpretive centre or the local outfitter. In the upcoming field season we shall need to blast one 0.6m (2 feet) long chip sample in trench T00-01 because the rock was very hard and could not be broken with a sledgehammer. We shall continue to follow a policy of limited blasting.

3. Campground. Canadian United will try to minimize the disturbance caused by our helicopters flying near the Dempster Highway campsite.

4. Sludge from Drill Holes. I can only speculate on where the sludge from the diamond drill holes went. The overburden is very porous and the bedrock often very cracked (especially near surface) so the sludge most likely dissipated by migration along cracks in the bedrock or along the bedrock/overburden interface. As predicted last year the most common rock in the drill holes was limestone so the sludges would not be acid generating. The words sludge and drill cuttings are used interchangeably.

5. Drill Set-ups. We excavated five flat drill setup locations, four of which were used. The drill needs a small patch of level ground to operate so a 3m by 3m level pad was constructed by hand at each set up. The first setup was returned to as near its original state as possible. The remaining drill setups will be recovered in the same way.

6. Number of Drill Holes. The current license amendment requests 20 drill holes/year rather than 20/five years. The Hydracore drill is capable of drilling twenty short holes (less than 60m), or more, in one field season and I believe that the increase is justifiable and reasonable. However, as we are drilling two or three holes at each setup a footage limit may be more appropriate. The license in its current form, although given for five years, effectively curtails the program somewhere in year two. In the regulations no mention is made of limiting the number of drill holes, possibly because the other factors considered in permitting (man days, clearings etc.) were considered better indicators of potential environmental impact.

7. Bond. The impact of this program could hardly be made less than it is. The applicant has indicated good faith by starting to backfill trenches and by removing kitchen garbage from the property so as not to attract wildlife by burning it on site. The campsite is clean and tidy. A bond for such a low impact program should not be required.

8. Helicopter Activity. We hope to reduce the amount of helicopter flying during the 2001 field season. Last year numerous additional flights were needed to fix equipment problems, particularly problems with water pumps. The company does not expect these to be repeated. The extra proposed drilling should take no more field time than last year (i.e. about 10 weeks) because down time for equipment repair/replacement will be reduced, and the same experienced drillers as last year should be back on site.

9. Water Quality. Laberge Environmental had water samples taken at the start of the season, but not at the end, mainly because the weather was bad and the season curtailed. I sampled the pH at eight sites on the property including the main trench and all were neutral to alkaline except one, the red rusty overburden from trench 99-04. This, not unexpectedly, had a pH of 6.6. We think this overburden is derived from a body of pyrrhotitic sulphides. The trench is dry and there is no surface drainage in the area.

1. Seepage near camp.	pH7.1
2. Silt in creek 275E on baseline	pH7.0
3. Silt beside creek 275E on baseline	pH7.2
4. Silt in trench 99-12	pH7.0
5. Overburden trench 99-04	pH7.0
6. Rusty soil and red overburden trench 99-04	pH6.6
7. Overburden trench 99-03	pH7.1
8. Trench 99-02 (extension of trench 99-01)	pH7.0

If you need any more information do not hesitate to contact me again.

Yours truly,

Dave Tenney.

EXPLORATION ON HORN CLAIMS - 2000 FIELD SEASON

DRILL HOLES (AQT core)

HS-00-01	100+28N	0+10W	-50.5°S	44.04m	under trench 99-01
HS-00-02	100+28N	0+10W	-62.0°S	54.10m	under trench 99-01
HS-00-03	100+28N	0+10W	-72.0°S	57.0m	under trench 99-01
HS-00-04	100+33.5N	0+05E	-55.0°S	43.28m	under trench 99-01
HS-00-05	100+33.7N	0+05E	-70.0°S	52.42m	under trench 99-01
HS-00-06	100+26.5N	0+25W	-55.0°S	48.11m	under trench 99-01
HS-00-07	100+26.5N	0+25W	-75.0°S	46.33m	under trench 99-01
HS-00-08	100+25.0N	0+75E	-55.0°S	13.72m	Bullseye-incomplete.

TRENCHES (preliminary)

T00-01	100+09N	0+00W	4*4*2m	32cu.m.	Between 99-02 and 99-05.
T00-02	100+08N	0+50W	2*2*1.5	6 cu.m.	North extension 99-05.
T00-03	100+05N	0+88E	4*4.2*1.5	20 cu.m.	Expansion 99-04.
T00-04	0+12S	200+10E	4*1.5*0.5	3 cu.m.	Expansion 98-07.
T00-05	0+12S	100+00E	12*1.5*2m	36 cu.m.	Extension 98-06.
T00-06	0+20N	0+70E	5*1*0.5	2.5 cu.m.	Expansion 98-05.
T00-07	0+05S	0+12E	5*1.5*1.5	11.2 cu.m.	Expansion 98-04.

GEOPHYSICS

5 km. horizontal loop E.M. (four frequencies).

TRAIL CONSTRUCTION

About 100m.

OFFTRAIL USE

About 1km.

CLEARINGS

Diamond drilling - 3 set ups at Main Showing; one set up at Bullseye. Set ups are about 3m*3m.

TRENCHES REFILLED

98-07.

CAMP STATUS

Closed down for Winter.

FUEL STORAGE

Fuel stored in upright 200L drums at refuelling site.

APPENDIX 4

Horn rock codes for diamond drill logs, sections and plans.

CANADIAN UNITED MINERALS

Dawson City, Yukon.

ROCK CODES

LITHOLOGY		SULPHIDES/OXIDES etc.		SILICATES/etc.	
1	massive sulphides	A	arsenopyrite	a	actinolite
2	semi massive sulphides	B	bismuthinite	b	biotite
3	calc silicate skarn	C	chalcopyrite	c	calcite
4	hornfels	F	fluorite	d	diopside
5	marble/limestone	G	galena	e	epidote
6	schist	H	hematite	f	feldspar
7	DMS	L	limonite	g	garnet
8	monzonite	M	magnetite	h	hedenbergite
9	fault	O	bornite	I	chlorite
OB	overburden	Q	vein quartz	k	potash feldspar
LC	lost core	P	pyrite	m	muscovite
WF	water flow	R	pyrrhotite	q	quartz/silicification
WL	water lost	T	tetrahedrite	t	tremolite
		V	visible gold	w	wollastonite
		W	scheelite	y	gypsum
		Y	molybdenite	z	zeolites
		Z	sphalerite		

TEXTURES

~	fault gouge	<	fine grained	$	massive	!	foliated
-	broken core	^	medium grained	+	medium bedded	:	zoned
"	fractured core	>	coarse grained	=	thin bedded	.	bleached
@	sand			&	stringers	*	disseminated
%	vuggy			X	brecciated		
				#	boxwork		

Mine geology Services, Whitehorse, Yukon. April 19/199

APPENDIX 5

Diamond drill hole logs HS 00-01 to HS 00-06.

PROPERTY	HORN CLAIMS	CANADIAN UNITED MINERALS INC.	MINE	Main Zone	HOLE ID	HS 00-01
N.T.S.	116 B - 7	DIAMOND DRILL HOLE LOG			PAGE NO.	1 of 9

DATE STARTED July 22/2000

DATE COMPLETED July 31/2001 LATITUDE 100+28N AZ SOUTH(GRID)

LOGGED BY D.Tenney DEPARTURE 0+10W DIP -50.5 degs

DATE Aug 5/2000 ELEVATION 1671.4m DEPTH 44.04m (144.5 ft.).

PURPOSE test down dip of mineralization in main trench.

DIP TESTS

DEPTH	DIP	AZ	DEPTH	DIP	AZ

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
0.00	1.54	OB	OVERBURDEN - very broken with moderate core recovery.									
			0.0 - 1.08 fragments pale green siliceous weakly skarnified quartzite									
			with rust on joints.									
			1.08 - 1.54 fractured and broken dark grey quartzite.									
1.54	2.50	4-/OB?	QUARTZITE/Overburden/Broken bedrock - dark grey quartzite very hard with									
			banding (=bedding?) @ 76 degrees. 0.5 to 2 cm white quartz stringers with minor									
			green alteration minerals in places - minor red garnet + pyrrhotite (2%)									
			magnetic and silicified. Dark colouration in quartzite caused by specks of fine									
			grained dark mineral (biotite?). Weak rust on joints. Fair to moderate coring									
			with some broken sections. This may be boulders or fractured bedrock. Core									
			angles are similar indicating bedrock.									
2.50	2.70	4/3	ALTERED QUARTZITE - bleached white, pale green, pale brown, with weak									
			skarnification. Very hard. Incipient garnet/diopside(?) developed. Good									
			coring. Boulder or bedrock?									
2.70	3.96	4	QUARTZITE - dark grey fractured but fair coring. Bedded at high angle.									
			Minor broken core.									
			3.50 banding 62 degs.									
			3.90 banding 77 degs.									
3.96	4.94	9/4~-	FAULT - very broken core, nearly all dark grey quartzite - rubble									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-01
PAGE NO.	2 of 9

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			Is this still overburden.									
4.94	5.74	4/4=	QUARTZITE - partly finely banded with lighter grey laminae. Very hard.									
			Weak green alteration in places with disseminated magnetic pyrrhotite (2%).									
			Fair coring with minor fractured core.									
			5.16 banding 71 degs.									
			5.61 banding 52 degs.									
5.74	6.55	9/4~-	FAULT - (or base of overburden) rubble, mainly dark grey quartzite. Very hard.									
			Non calcareous.									
6.55	6.60	4	QUARTZITE - Dark grey weakly calcareous with sharp lower contact at 65 degs.									
			Contact unbroken. Fine grained disseminated pyrite (2%) and pyrrhotite (1%).									
			Very weakly magnetic. Solid core without jointing.									
6.60	7.01	5	MARBLE - light to dark grey partly banded. Good coring. Partly jointed.									
			Lower contact at 46 degrees. Soft. Coarse grained in places.									
			6.90 Banding (=bedding?) 46 degs.									
			6.70 Banding (=bedding?) 73 degs.									
			6.82 Calcareous breccia fragments in marble.									
			6.96 - 7.01 White coarse grained marble with 1 to 3mm band weakly magnetic									
			disseminated pyrrhotite lying parallel to contact @ 7.00m.									
7.01	7.90	4/3R	ALTERED QUARTZITE - remnants dark grey quartzite in pale green to									
			pale brown (pinkish) matrix. Fine grained disseminated pyrrhotite (1%).									
7.90	8.11	3R/4	ALTERED QUARTZITE - skarnified pale buff brown with green tinge.	23503	7.9	8.11	0.21	100	1.03	-	-	-

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-01
PAGE NO.	3 of 9

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			Minor irregular white quartz stringers (2mm) and patches (1cm) with									
			associated disseminated fine grained pyrrhotite - some pyrrhotite lenses (5% po).									
			Good coring. Hard core.									
			8.08 cave in box.									
8.11	8.27	5/3R	MARBLE - White to pale green coarse grained with pods blebs and disseminated									
			pyrrhotite on contacts (3%). Good coring soft core. Bedding parallel to									
			contacts at 55 degs.									
8.27	10.52	4/3RO	ALTERED QUARTZITE - red brown (50%) with unaltered sections (50%)									
			Alteration is light buff coloured bleaching to pale green skarnification. Traces									
			fine grained pyrrhotite. Four specks molybdenite at 9.73m. Banded hard,									
			very good coring.									
			10.45 banding @ 73 degs.									
10.52	10.80	8f	FELDSPAR PORPHYRY DYKE - Medium grained white/grey/brown with minor									
			alteration. Very hard. Good coring. Some greenish siliceous patches.									
			10.52 contact @ 72 degs.									
			10.80 contact @ 76 degs.									
10.80	11.00	5/3q	MARBLE - white/green with patches red/brown coarsely crystalline garnet (10%)									
			good coring.									
11.00	12.19	5	MARBLE - Mainly grey coarse grained and banded. Very good coring.									
			11.65 Banding (=bedding?) 73 degs.									
12.19	12.22	3g	GARNET SKARN - Massive band coarse grained red/brown garnet. Good coring									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-01
PAGE NO.	4 of 9

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			contacts at 76 degs.									
12.22	12.46	5	MARBLE - Marble as above. Good coring.									
			12.33 Banding (=bedding?) 74 degs.									
12.46	12.60	3gh	GARNET SKARN - Garnet/hedenbergite(?) skarn coarse									
			grained red/brown garnet crystals in massive patches with dark									
			green coarse grained crystals hedenbergite(?). Minor 0.5cm									
			white quartz veining at low angles in core (24 degs.) Minor									
			white calcite. Good coring.									
12.60	14.97	5	MARBLE - grey to dark grey (white and very coarse grained									
			at start) partly banded. Good coring, moderate jointing.									
			13.25 Banding (=bedding?) 75 degs.									
			14.15 Banding (=bedding?) 70 degs.									
											%Pb	%Zn
14.97	15.75	2QsPRZ	QUARTZ VEIN -white quartz (35%) with patches of massive	23504	14.97	15.75	0.78	100	0.45	2.5	0.017	0.081
			coarse grained light honey brown siderite (30%) and									
			associated patches of pyrite (20%). Blebs coarse grained									
			black sphalerite (2%), traces arsenopyrite and chalcopyrite.									
			Very good coring. 1% vugs.									
			15.75 Contact at 28 degrees roughly perpendicular to bedding									
			in marble.									
15.75	16.21	5=	MARBLE -light to dark grey and bedded at 74 degs.									
			Very good coring.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-01
PAGE NO.	5 of 9

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
16.21	22.81	5>	MARBLE - white and very coarse grained with rough banding at 68 degs.									
			Weakly silicified around 22.0m. Very good coring.									
			19.00 Banding (=bedding?) 56 degs.									
			20.52 Banding (=bedding?) 58 degs.									
			22.06 - 22.35 very fine grained disseminated pyrite (1%) and pyrrhotite (1%).									
22.81	22.95	2QR	QUARTZ VEIN - Quartz replacement parallel to bedding in marble. Heavy	23505	22.81	22.95	0.14	100	0.55	-	-	-
			patches pyrrhotite (30%), large 0.5cm purple fluorite crystals (5%).									
			Irregular runs/stingers chalcopyrite 1-2mm wide (3%). Minor disseminated									
			pyrite (3%), quartz (50%), and minor siderite. Good coring.									
			22.95 Contact at 58 degs. Parallel to bedding in marble.									
22.95	25.22	5=	MARBLE - white, light to dark grey, banded, medium to coarse grained.									
			Very good coring. Massive calcite 22.86 to 22.95.									
			24.08 Banding (=bedding?) 65 degs.									
25.22	25.56	1RPsC	MASSIVE PYRRHOTITE SKARN - Pyrrhotite (75%), pyrite (7%), chalcopyrite	23506	25.22	25.61	0.39	100	0.55	-	-	-
			blebs (2%), minor siderite (4%). Good coring.									
			25.22 Irregular contact at low angle (20 degs.?)									
			25.56 Sharp contact at 63 degs.									
25.56	25.61	1AI	SULPHIDES - patchy of near massive 1-3mm crystals of arsenopyrite (40%)									
			in matrix dark green chlorite. Trace pyrite. Sharp contacts. Good coring./									
			25.61 Sharp contact at 56 degs.									
25.61	28.00	5=	MARBLE - white, and light and dark grey mainly banded. Very coarse grained									
			in places. Very good coring.									
			25.66 Bedding 66 degs.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-01
PAGE NO.	6 of 9

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			25.80 Bedding 63 degs.									
28.00	30.69	1RQPCFsBV	PYRRHOTITE SKARN - Massive patches coarse grained pyrrhotite (50%) with	23507	28.00	28.90	0.90	100	2.95	4.5	0.140	53.6
			patches pyrite (15%). Some very fine grained pyrite rims pyrrhotite (possibly	23508	28.90	29.80	0.90	100	18.55	10.0	0.231	53.0
			marcasite) . Irregular patches white/grey quartz (25%) with numerous	23509	29.80	30.69	0.89	100	87.59	41.9	1.250	51.0
			euhedral crystals about 4mm across. Blebs chalcopyrite (4%) heavy around									
			30.0m. Three specks visible gold at 29.60m. Minor bismuthinite and traces	23507					%Bi	%Sb		
			9	23508					0.003	0.00		
			patches. Traces white metallic arsenopyrite crystals (5mm). Vuggy (3%).	23509					0.041	0.00		
			Contacts uneven. Good coring.						0.161	0.01		
			28.00 Irregular contact at about 22 degs. (unreliable)									
			29.40 One speck visible gold with bismuthinite(?).									
			29.60 Visible native gold (3 specks).									
			29.60 - 29.65 & 29.90 minor altered silliceous dyke-like material (remnant igneous texture).									
			29.64 Two specks visible gold with 4% chalcopyrite.									
			30.16 One speck visible gold with disseminated bismuth.									
			30.30 Four specks visible gold with disseminated bismuth.									
			30.50 Two specks visible native gold.									
			30.69 irregular contact at about 43 degs. (unreliable).									
30.69	31.15	2QsP	QUARTZ VEIN - Massive white quartz with minor grey quartz including some	23510	30.69	31.15	0.46	100	34.97	8.4	-	-
			euhedral crystals. Some siderite. Good coring.									
			31.15 Contact with marble sharp at 41 degs. Parallel to bedding. Serpentinized with									
			1mm euhedral pyrite crystals.									
31.15	33.25	5$	MARBLE - Massive white to pale grey very coarse grained, good coring.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-01
PAGE NO.	7 of 9

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
33.25	37.91	5=	MARBLE - white to dark grey mainly bedded. Good coring.									
			33.50 Bedding 45 degs.									
			35.25 Bedding 48 degs.									
			36.35 Bedding 49 degs.									
37.91	38.21	4	QUARTZITE - grey to dark grey weakly bleached. Rough banding, fair coring.									
			32.00 Bedding 49 degs.									
			37.91 Bedding 43 degs.									
38.21	38.49	4/3Q	ALTERED QUARTZITE - Possibly altered dyke. Fine grained pale green with									
			white patchy quartz. Trace pyrrhotite. Contacts distinct, sharp and not									
			parallel to the bedding.									
			38.21 Contact 77 degs.									
			38.49 Contact 34 degs.									
38.49	38.70	4	QUARTZITE - Grey to dark grey and hard. 2% very fine grained disseminated									
			pyrite and pyrrhotite. Fair coring.									
38.70	42.22	5$>	MARBLE - white to pale grey massive and coarse grained with banding									
			in places. Good coring.									
			40.20 Bedding 65 degs.									
42.22	44.04	4g<	GRAPHITIC QUARTZITE - Black fine grained very hard with minor banding.									
			Trace calcite on joints. Trace fine grained disseminated pyrite cubes.									
			Fair coring moderate jointing.									
			44.04 EOH. AQT core. No water return. Core split with diamond saw.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-01
PAGE NO.	8 of 9

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	R.Q.D. m.	R.Q.D. %		
					0.00	1.22	0.90	74	0.00	0		
					1.22	1.98	0.76	100	0.15	20		
					1.98	2.44	0.63	137	0.13	28		
					2.44	3.51	0.89	83	0.00	0		
					3.51	3.96	0.38	84	0.00	0		
					3.96	4.27	0.30	97	0.00	0		
					4.27	4.88	0.63	103	0.00	0		
					4.88	5.49	0.61	100	0.10	16		
					5.49	6.25	0.48	63	0.00	0		
					6.25	6.55	0.30	100	0.00	0		
					6.55	7.32	0.77	100	0.33	43		
					7.32	8.08	0.81	107	0.71	93		
					8.08	8.99	0.63	69	0.61	67		
					8.99	9.75	0.76	100	0.76	100		
					9.75	11.28	1.53	100	1.31	86		
					11.28	12.80	1.52	100	0.92	61		
					12.80	14.33	1.53	100	1.03	67		
					14.33	15.85	1.52	100	1.04	68		
					15.85	17.37	1.52	100	1.52	100		
					17.37	18.90	1.53	100	1.44	94		
					18.90	20.42	1.52	100	1.15	76		
					20.42	21.95	1.53	100	1.51	99		
					21.95	23.47	1.52	100	1.52	100		
					23.47	24.99	1.52	100	1.45	95		
					24.99	26.52	1.53	100	1.53	100		
					26.52	28.04	1.52	100	1.49	98		
					28.04	29.56	1.52	100	1.35	89		

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-01
PAGE NO.	9 of 9

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	R.Q.D. m.	R.Q.D. %
					29.56	31.09	1.53	100	1.48	97
					31.09	32.61	1.52	100	1.37	90
					32.61	34.13	1.52	100	1.32	87
					34.13	35.66	1.53	100	1.44	94
					35.66	37.18	1.52	100	1.47	97
					37.18	38.71	1.53	100	1.28	84
					38.71	40.23	1.52	100	1.52	100
					40.23	41.76	1.53	100	1.53	100
					41.76	43.28	1.52	100	1.28	84
					43.28	44.04	0.76	100	0.41	54

PROPERTY ____ HORN CLAIMS	**CANADIAN UNITED MINERALS INC.**		MINE	Main Showing	HOLE ID	HS 00-02
N.T.S. _____ 116 B-7	**DIAMOND DRILL HOLE LOG**				PAGE NO.	1 of 6
DATE STARTED _____ July 31/2000					DIP TESTS	
DATE COMPLETED _____ Aug 6/2000	LATITUDE____ 100+28N	AZ___GRID SOUTH			DEPTH / DIP / AZ	DEPTH / DIP / AZ
LOGGED BY ___ D.Tenney	DEPARTURE _ 0+10W	DIP ____-62 degs.				
DATE _____ Aug 7/2000	ELEVATION __ 1671.4m	DEPTH ___54.10m (177.5 ft.)				
PURPOSE Test Main Zone below visible gold in hole HS 00-01.						

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
0.00	1.68	OB	OVERBURDEN - Rubble and lost core. Mainly weakly skarnified pale									
			green quartzite and grey quartzite.									
1.68	6.55	4-	QUARTZITE - Grey to dark grey bleached/weakly skarnified light green									
			in patches. Jointed and broken core to 5.4m. (this is deepest indication									
			of overburden). Core is hard. Lower contact @ 67 degs.									
			6.20 Bedding @ 53 degs.									
			6.48 - 6.55 Bleached and weakly skarnified quartzite. Hard.									
6.55	8.80	5	MARBLE - Mainly medium to fine grained dark grey and banded with									
			minor white sections. Very good coring.									
			7.80 Bedding 43 degs.									
			8.8o Contact at 58 degs.									
8.80	9.28	4<	QUARTZITE - Dark grey/brown fine grained and hard with tendency to									
			fracture. Pyrrhotite on joints.									
9.28	9.60	4/3	ALTERED QUARTZITE - weakly bleached/skarnified pink/buff/green,									
			with minor pyrrhotite and red/brown garnet.									
9.60	10.33	5/3/4	MARBLE - with remnants of altd. quartzite (pink color & hard). Good coring.									
10.33	10.40	3gq	GARNET SKARN - Red/orange garnet with quartz in silicified marble.									
			Banding @ 37 degs.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-02
PAGE NO.	2 of 6

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
10.40	10.75	4q/8f	QUARTZITE - Dark grey fine grained with 1-2mm white quartz veinlets and narrow irregular feldspathic dykelets 1-2cm wide. Fractured core. 10.75 Contact with dyke @ 58 degs.									
10.75	11.25	8f	FELDSPATHIC DYKE - Medium grained light grey, hard. Some fracturing. Fair coring. 10.77 Strong banding in dyke @ 77 degs. Parallel to contacts.									
11.25	11.43	3htg	CALC SILICATE SKARN - with tremolite garnet hedenbergite(?) quartz. Skarn is white but not calcareous with clusters of radiating bladed white crystals (tremolite). Irregular patches dark green/brown hedenbergite with 3cm band red garnet at start. Good coring.									
11.43	12.48	5=	MARBLE - Light to dark grey mainly bedded. Good coring. 12.20 Bedding @ 68 degs.									
12.48	12.83	3gh/5	CALC SILICATE SKARN AND MARBLE - Dark green and red hedenbergite and garnet skarn with inclusions of marble. Good coring. 12.68 Banding in marble @ 68 degs. Parallel to banding in skarn minerals.									
12.83	20.47	5=<	MARBLE - fine to medium grained light to dark grey mostly bedded. Good coring except for few jointed section from 15.40 to 16.00m. 13.50 Strong bedding @ 65 degs. 16.70 Bedding @ 46 degs. 17.07 Bedding @ 32 degs. 19.60 Bedding @ 16 degs.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-02
PAGE NO.	3 of 6

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
20.47	20.87	3RIqC	PYRRHOTITE SKARN - brown and dark green with pyrrhotite (50%) chlorite	23511	20.47	20.87	0.40	100	1.99	4.2	0.137	35.4
			and quartz. Pyrrhotite in thin bands and stringers with or without chalcopyrite									
			(2%). Banding is parallel to contacts. Soft dark green chlorite, minor pyrite.						%Bi	%Sb		
			Few small specks shiny silver metallic mineral (arsenopyrite or stibnite)	23511					0.054	0.00		
			Banding @ 16 degs. Parallel to banding in surrounding marble. Good coring.									
20.87	30.08	5>	MARBLE - white to pale grey coarse grained. Exceptionally good coring.									
			27.98 Bedding @ 45 degs.									
30.08	35.98	1RQPCsBV	PYRRHOTITE SKARN - Magnetic pyrrhotite (60%) as patches and bladed	23512	30.08	31.08	1.00	100	0.38	4.7	0.100	52.0
			crystals (2-4cm) in siliceous matrix (25%). Coarse and fine grained pyrite rims	23513	31.08	32.08	1.00	100	27.63	11.9	0.203	51.8
			and replaces pyrrhotite - also as blebs and patches (10%). Small blebs	23514	32.08	33.08	1.00	100	137.29	47.6	1.009	41.8
			chalcopyrite (3%). Minor siderite (4%). Minor fine grained euhedral crystals	23515	33.08	34.08	1.00	100	134.62	66.9	1.420	50.7
			arsenopyrite (2%). Trace soft brown bismuth (?native) and a very soft silvery	23516	34.08	35.08	1.00	100	3.09	18.7	0.222	44.8
			mineral (stibnite or bismuthinite).	23517	35.08	35.98	0.90	100	5.79	9.8	0.527	55.8
			46 grains native gold counted in this section. Gold ocurs as small 0.5mm specks	23518	35.98	36.22	0.24	100	8.33	11.6	0.375	-
			mainly in siliceous sections with chalcopyrite and bismuthinite. Quartz largely									
			present as 1-2 cm long euhedral crystals. Patches of fluorite (4%) at intervals.						%Bi	%Sb		
			Good coring and perfect recovery.	23512					0.028	0.00		
			31.50 - 31.65 Specks native gold.	23513					0.081	0.01		
			32.35 - 32.77 Numerous specks native gold.	23514					0.250	0.02		
			33.04 - 33.50 Numerous specks native gold.	23515					0.157	0.01		
				23516					0.032	0.00		
35.98	36.22	2Qs	QUARTZ VEIN - Pale grey coarse grained quartz (40%) with coarse grained	23517					0.003	0.00		
			siderite crystals in a large patch (40%). Vugs (4%). Minor pyrrhotite and	23518					-	-		
			chalcopyrite. Quartz crystals growing into vugs. Good coring.									
			35.98 Diffuse contact with banding @ 46 degs.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-02
PAGE NO.	4 of 6

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			36.22 Sharp contact with massive pyrrhotite @ 61 degs.									
36.22	38.03	1RQPsCABV	PYRRHOTITE SKARN - Coarse grained magnetic pyrrhotite (60%) replaced by	23519	36.22	37.22	1.00	100	4.29	18.7	0.626	57.5
			fine and coarse grained pyrite (10%). Patchy grey mainly fine grained quartz	23520	37.22	38.03	0.81	100	50.08	14.8	0.377	48.4
			and euhedral quartz crystals with specks of fine grained native gold. Traces									
			bismuth/bismuthinite. Blebs chalcopyrite (3%). Trace ? Stibnite. Rough						%Bi	%Sb		
			banding at high angle in few places. Good coring. 100% recovery.	23519					0.005	0.00		
			37.50 - 37.70 10 specks visible gold counted.	23520					0.028	0.00		
			38.03 contact with marble regular at 31 degs.									
38.03	38.27	5>	MARBLE - White and pale green coarse grained. Good coring.									
38.27	39.24	8f	FELDSPATHIC DYKE - with 2-3cm green feldspar phenocrysts. Matrix									
			medium grained. Hard. Good coring. Heavy red/brow garnet in first 2cm.									
			38.27 Dyke contact @ 5 degs. 39.24 Dyke contact @ 8 degs.									
			43.93 - 44.96 One joint in interval - excellent coring.									
39.24	47.83	5=<	MARBLE - Dark grey to grey and white fine grained and banded. Soft. Very good									
			coring. Banding is from fine (1mm) to coarse (2cm).									
			41.10 Bedding @ 31 degs.									
			42.83 Bedding @ 36 degs.									
			44.55 Bedding @ 34 degs.									
			45.50 Bedding @ 38 degs.									
			47.40 Bedding @ 44 degs.									
47.83	52.55	5>	MARBLE - White massive coarse grained with minor rough banding. Suggary texture									
			- equigranular with 0.5cm calcite crystals.minor skarn at end. Very good coring.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-02
PAGE NO.	5 of 6

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	R.Q.D. m	R.Q.D. %
52.55	54.10	8f	FELDSPATHIC DYKE - Medium grained grey equigranular feldspar with 10%							
			black mafics (lathlike hornblende?)Good coring. Some jointing. Hard.							
			52.55 Weakly skarnified contact with garnet @ 40 degs. Minor 1cm white/grey							
			feldspar phenocrysts.							
			52.96 - 53.07 Irregular 2 - 3 mm stringer pyrrhotite pyrite & quartz @ ?3 degs.							
			54.10 EOH.							
			no sludge return							
			AQT core split with diamond saw.		0.00	1.68	1.00	60	0.00	0
					1.68	1.89	0.21	100	0.00	0
					1.89	2.74	0.42	49	0.12	14
					2.74	3.81	0.73	68	0.25	23
					3.81	4.57	0.52	68	0.18	24
					4.57	5.33	0.36	47	0.00	0
					5.33	6.10	0.77	100	0.57	74
					6.10	6.86	0.73	96	0.65	86
					6.86	8.38	1.52	100	1.43	94
					8.38	9.91	1.53	100	0.86	56
					9.91	11.13	1.22	100	0.75	61
			ONE 1.8m LENGTH UNBROKEN CORE		11.13	12.95	1.70	93	1.41	77
					12.95	14.48	1.53	100	1.53	100
					14.48	16.00	1.45	95	0.92	61
					16.00	17.53	1.53	100	1.20	78
					17.53	19.05	1.52	100	1.52	100
					19.05	20.57	1.52	100	1.40	92
					20.57	22.10	1.53	100	1.53	100
					22.10	23.62	1.52	100	1.52	100

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-02
PAGE NO.	6 of 6

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	R.Q.D. m	R.Q.D. %
					23.62	25.15	1.53	100	1.53	100
					25.15	26.67	1.52	100.2	1.52	100
					26.67	28.19	1.52	100	1.43	94
					28.19	29.72	1.53	100	1.50	98
					29.72	31.24	1.52	100	1.34	88
					31.24	32.77	1.53	100	1.53	100
					32.77	34.29	1.52	100	1.36	89
					34.29	35.81	1.52	100	1.28	84
					35.81	37.34	1.53	100	1.36	89
					37.34	38.86	1.52	100	1.32	87
					38.86	40.39	1.53	100	1.45	95
					40.39	41.91	1.52	100	1.32	87
					41.91	43.43	1.52	100	1.52	100
			ONE JOINT IN THIS SECTION!		43.43	44.96	1.53	100	1.53	100
					44.96	48.01	3.05	100	3.00	98
					48.01	49.53	1.52	100	1.52	100
					49.53	51.05	1.52	100	1.46	96
					51.05	52.58	1.53	100	1.49	97
					52.58	54.10	1.52	100	1.22	80

PROPERTY	HORN CLAIMS	**CANADIAN UNITED MINERALS INC.**		MINE	Main Showing	HOLE ID	HS 00-03
N.T.S.	116 B-7	**DIAMOND DRILL HOLE LOG**				PAGE NO.	1 of 7
DATE STARTED	Aug 6/2000						
DATE COMPLETED	Aug 10/2000	LATITUDE 100+28N	AZ GRID SOUTH				
LOGGED BY	D.Tenney	DEPARTURE 0+10W	DIP -72 degs.				
DATE	Aug 9/2000	ELEVATION 1671.4	DEPTH 57.00m (187 FT.)				
PURPOSE	Test down dip extension of visible gold in hole HS 00-02						

DIP TESTS					
DEPTH	DIP	AZ	DEPTH	DIP	AZ

DEPTH				sample	DEPTH		Rec.	Rec.	Au	Ag	Cu	Fe
FROM	TO	ROCK CODE	DESCRIPTION	no.		to	m.	%	g/t	g/t	%	%
0.00	1.37	OB/4/3	OVERBURDEN - very broken green skarnified quartzite with rust on joints.									
1.37	2.13	OB/4	OVERBURDEN - Grey quartzite. Fractured and broken.									
2.13	3.66	OB/4/3R	OVERBURDEN - Pale green skarnified quartzite with minor pyrrhotite. Hard.									
			Banding @ 43 degs.									
			3.20 - 3.45 Broken core.									
			End of overburden no deeper than 3.68m.(change in lithology and core ends									
			do not match).									
3.66	7.53	4=	QUARTZITE - Dark grey tinged brown, mainly banded. Hard. Good coring.									
			Some jointing mainly at high angle.									
			4.60 Bedding @ 31 degs.									
			6.10 Bedding @ 31 degs.									
7.53	7.70	4/3dRC	SKARNIFIED QUARTZITE - Light buff/pink with light apple green patches.									
			Diopside? 1.5 - 5 cm patch pyrrhotite at start of section with disseminated									
			chalcopyrite. Pyrrhotite is weakly magnetic. Few 1-2mm stringers po/cpy.									
			Banding @ 31 degs. Good coring. Hard.									
			7.70 contact with marble @ 35 degs. (unbroken).									
7.70	8.53	5	MARBLE - Pale grey to grey medium grained weakly banded. Soft. Good coring.									
8.53	8.78	5/4	MARBLE- grey and soft with fragments (5*10cm) hard grey quartzite.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-03
PAGE NO.	2 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			good coring.									
8.78	9.42	5=	MARBLE - grey to dark grey medium to fine grained weakly banded. Good coring.									
			9.18 Bedding @ 41 degs.									
9.42	11.28	5	MARBLE - dark grey with irregular 1-5 cm. quartzite fragments as 8.53 to 8.78.									
			Rough banding 28 degrees. Good coring.									
11.28	11.59	3gdq/4	CALC SILICATE SKARN - brown/red coarse grained garnet in clumps in light									
			green and brown cherty matrix. Buff/pink remnants altd quartzite. Good coring.									
11.59	12.26	8fq	DYKE - Feldspar quartz - medium grained pale grey/white with 5% very fine									
			grained scattered mafics. Good coring but well jointed.									
12.26	14.46	4b=	QUARTZITE - fine grained dark grey (red tinged) with short pale green									
			altered sections. Minor white quartz veining. Mainly bedded. Red colouration									
			caused by fine grained biotite?									
			13.65 Bedding @ 43 degs.									
14.46	14.98	8f	FELDSPAR PORPHYRY DYKE - light grey medium grained feldspar and quartz									
			10% mafics as 1-3mm crystals (hornblende?). Minor disseminated pyrrhotite									
			(2%). Scattered large (1-3cm) pale green feldspar phenocrysts that are zoned									
			or twinned. Very good coring.									
			14.46 Contact @ 68 degs.									
			14.98 Contact @ 34 degs.									
14.98	17.17	5q/3gh	MARBLE - White pale green coarse grained with bands and patches green/brown									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-03
PAGE NO.	3 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			hedenbergite?. Part of core is hard and silicified. Silicate bands at very low									
			angle to core (+/-5 degs). In most of core nearly all calcite is replaced by									
			quartz. Fine/medium grained suggary texture. Very hard. Good coring.									
17.17	17.80	8f	FELDSPATHIC DYKE - with 10% mafics (1-2mm crystals). Grey with green.									
			tinge. Good coring.									
			17.17 Contact sharp but irregular ?15 degs.									
			17.80 Contact sharp and regular @ 54 degs.									
17.80	21.52	4<R	QUARTZITE - Grey and green brown tinged in places. Very fine grained mostly									
			cherty. Traces pyrrhotite. No bedding. Extremely hard. Good coring									
			Moderate jointing.									
21.52	22.86	4=/4</3	SKARNIFIED QUARTZITE - banded grey brown fine grained with skarnified pale									
			green patches. Traces fine grained pyrrhotite. Good coring. Some jointing.									
22.86	25.06	5q/3gh	SKARNIFIED MARBLE - white to pale grey silicified marble with bands and									
			incipient skarnification - red/brown garnet (4%) and green/brown									
			?hedenbergite as clumps of coarse grained crystals (4%). Mostly very hard with									
			little of original carbonate remaining. Good coring.									
			24.99 Banding @ 33 degs (parallel to contact at 25.06m).									
			24.05 Banding of skarn minerals @ 29 degs.									
			Strong red/brown garnet over last 15 cm.									
25.06	29.98	5=q/4	MARBLE - grey and white and mainly banded medium grained. All									
			calcareous but usually hard (?silicified). Small fragments grey/brown									
			quartzite inplaces. Weakly skarnified pale green bands. Good coring.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-03
PAGE NO.	4 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
29.98	37.21	5>/5=	MARBLE -white pale grey green with brown tinges in sections. Unusually hard.									
			?silicified. Original coarse grained calcite crystal forms preserved.									
			Rough banding. Good coring.									
			26.45 Bedding @ 34 degs.									
			28.00 Bedding @ 36 degs.									
			29.45 Bedding @ 42 degs.									
			30.80 Bedding @ 39 degs.									
			32.40 Bedding @ 39 degs.									
			34.00 Bedding @ 41 degs.									
			35.25 Bedding @ 43 degs.									
			37.15 Bedding @ 38 degs.									
37.21	39.90	5=?5>q	MARBLE - mainly banded and coarse grained white/grey. Hard. Calcareous.									
			Good coring.									
			38.20 Bedding @ 35 degs.									
			39.65 Bedding @ 41 degs.									
39.90	41.66	1RPQsC	PYRRHOTITE SKARN - semi massive brown coarse grained magnetic pyrrhotite	23521	39.90	40.78	0.88	100	0.930	3.7	0.183	49.8
			(65%) rimmed by fine grained pyrite in places. Some clusters coarse grained	23522	40.78	41.66	0.88	100	1.470	2.9	0.152	49.9
			pyrite (10%). Patches milky white quartz (4%) and interstitial fragments light									
			brown siderite (4%). Few bands and patches mainly coarse grained						%Bi	%Sb		
			?hedenbergite. Minor chalcopyrite (1%) and bismuthinite (trace). Few	23521					0.001	0.00		
			euhedral crystals arsenopyrite. Good coring and competent.	23522					0.002	0.00		
41.66	42.22	1RPIhC	PYRRHOTITE SKARN - more massive than above - no siderite; no quartz; no	23523	41.66	42.22	0.56	100	2.020	6.3	0.235	56.0
			arsenopyrite. Dark green soft patches ?chlorite. Pyrrhotite (80%),						%Bi	%Sb		
			chalcopyrite (3%). Good coring.	23523					0.011	0.00		

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-03
PAGE NO.	5 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
42.22	43.28	1RlqhCV	PYRRHOTITE SKARN - masive coarse grained brown magnetic pyrrhotite with	23524	42.22	43.28	1.06	100	11.24	33.1	0.719	46.5
			dark green irregular patches ?chlorite and ?hedenbergite. Grey quartz minor						%Bi	%Sb		
			pyrite. Specks visible gold.	23524					0.056	0.00		
			42.50 2 specks visible gold.									
			43.16 1 speck visible gold.									
43.28	44.78	1RqCPlh	PYRRHOTITE SKARN - massive coarse grained pyrrhotite with angular and	23525	43.28	44.78	1.50	100	2.74	13.7	0.400	46.3
			irregular patches green silicate (?chlorite, hedenbergite and quartz). Blebs						%Bi	%Sb		
			chalcopyrite (3%), minor fine grained brassy sulphide (?pyrite). More siliceous						0.073	0.00		
			grey/green sections have remnant equigranular texture reminiscent of dykes.									
			Good coring.									
44.78	44.86	8f	ALTERED FELDSPATHIC DYKE - pale grey green /white.	23526	44.78	45.00	0.22	100	0.93	52.0	0.754	33.1
			44.78 Contact @ 27 degs.						%Bi	%Sb		
			44.86 Contact @ 25 degs.						0.477	0.02		
44.86	45.00	1RQICB	PYRRHOTITE SKARN - irregular patches coarse grained pyrrhotite in siliceous									
			matrix - some euhedral quartz crystals. Minor chalcopyrite and fluorite.									
			No visible gold. Good coring.									
45.00	45.87	1RqCV	PYRRHOTITE QUARTZ SKARN - coarse grained pyrrhotite (40%) in grey/green	23527	45.00	45.87	0.87	100	208.63	40.5	1.050	35.8
			quartz (35%) - some euhedral quartz crystals. Blebs chalcopyrite (4%) and pin						%Bi	%Sb		
			heads of diseminated visible gold in siliceous sections (50+ counted). High grade.						0.017	0.00		
			Good coring.									
				23528	45.87	46.23	0.36	100	64.72	9.6	0.113	40.2
45.87	46.23	2QRPCV	QUARTZ VEIN - white milky quartz (40%) with coarse grained pyrrhoyite in						%Bi	%Sb		
			grey fine grained and euhedral quartz (15%). Blebs chalcopyrite (2%)	23528					0.025	0.00		

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-03
PAGE NO.	6 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			7 specks visible gold. Good coring.									
46.23	46.44	2Qlc	QUARTZ VEIN - milky white quartz with patchy green silicate (chlorite?) .	23529	46.23	46.44	0.21	100	26.64	1.9	0.013	4.3
			No visible sulphides or gold. Good coring.						%Bi	%Sb		
				23529					0.001	0.00		
46.44	57.00	5=	MARBLE - white and grey medium grained and banded with few coarse grained									
			sections. Fragments of grey quartzite @ 49.5m. Good coring.									
			47.20 Bedding @ 36 degs.									
			47.75 Bedding @ 28 degs.									
			49.85 Bedding @ 24 degs.									
			51.70 Bedding @ 28 degs.									
			52.66 Bedding @ 34 degs.									
			54.06 Bedding @ 37 degs.									
			55.75 Bedding @ 33 degs.									
			56.95 Bedding @ 35 degs.									
					DEPTH		Rec.	Rec.	R.Q.D.	R.Q.D.		
			57.00 E.O.H.		from	to	m.	%	m.	%		
			No water return.		0.00	1.22	0.58	48	0.00	0		
			AQT core split with diamond saw.		1.22	1.83	0.56	92	0.00	0		
					1.83	2.13	0.30	100	0.00	0		
					2.13	3.05	0.80	87	0.12	13		
					3.05	3.66	0.54	89	0.30	49		
					3.66	5.18	1.26	83	0.78	51		
					5.18	6.71	1.53	100	0.83	54		
					6.71	8.23	1.52	100	1.32	87		
					8.23	9.75	1.52	100	1.32	87		
					9.75	11.28	1.53	100	1.27	83		

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-03
PAGE NO.	7 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION		DEPTH from	DEPTH to	Rec. m.	Rec. %	R.Q.D. m.	R.Q.D. %
					11.28	12.80	1.52	100	1.00	66
					12.80	14.33	1.53	100	1.03	67
					14.33	15.85	1.52	100	1.41	93
					15.85	17.37	1.52	100	1.45	95
					17.37	18.90	1.53	100	1.37	90
					18.90	20.42	1.52	100	1.46	96
					20.42	21.95	1.53	100	1.10	72
					21.95	23.47	1.52	100	1.28	84
					23.47	24.99	1.52	100	1.45	95
					24.99	26.52	1.53	100	1.53	100
					26.52	28.04	1.52	100	1.52	100
					28.04	29.57	1.53	100	1.53	100
					29.57	31.09	1.52	100	1.22	80
					31.09	32.61	1.52	100	1.29	85
					32.61	34.14	1.53	100	1.53	100
					34.14	35.66	1.52	100	1.52	100
					35.66	37.19	1.53	100	1.29	84
					37.19	38.71	1.52	100	1.44	95
					38.71	40.23	1.52	100	1.45	95
					40.23	41.76	1.53	100	1.48	97
					41.76	43.28	1.52	100	1.37	90
					43.28	44.81	1.53	100	1.43	93
					44.81	46.33	1.52	100	1.45	95
					46.33	47.85	1.52	100	1.52	100
					47.85	49.38	1.53	100	1.38	90
					49.38	50.90	1.52	100	1.52	100

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL HOLE LOG

PROPERTY	HORN CLAIMS	MINE	Main Zone
N.T.S.	116 B - 7	HOLE ID	HS 00-04
		PAGE NO.	1 of 7

DATE STARTED Aug 10/2000
DATE COMPLETED Aug 14/2000
LOGGED BY D.Tenney
DATE August 13/2000
PURPOSE Test 15m down dip of gold mineralization in trenches 00-01 and 99-05.

LATITUDE 100+33.5N AZ GRID SOUTH
DEPARTURE 0+05 E DIP -55 DEGS.
ELEVATION 1675.6m DEPTH 43.28m.(142 ft)

DIP TESTS

DEPTH	DIP	AZ	DEPTH	DIP	AZ

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
0.00	2.32	OB	OVERBURDEN - rubble, very broken minor rust. Lost core. Mainly grey									
			quartzite fragments.									
2.32	11.68	4=/4$	QUARTZITE - Dark grey fine grained well banded (=bedded?) in places. Minor									
			narrow bands (1-2cm) pale green incipient alteration/skarnification. Good									
			coring but well jointed to 6.0m. Minor broken core. Hard.									
			2.48 Bedding @ 44 degs.									
			3.58 Bedding @ 60 degs.									
			3.86 Bedding @ 44 degs.									
			4.85 Bedding @ 59 degs.									
			8.50 Bedding @ 47 degs.									
			8.95 Bedding @ 47 degs.									
			10.45 Bedding @ 45 degs.									
11.68	12.63	4b/3	SKARNIFIED QUARTZITE - dark grey irregularly banded fine grained(20%) with									
			irregular pale green patches alteration/skarnification - minor (2%)									
			disseminated fine grained pyrrhotite in siliceous sections. Hard. Good coring.									
12.63	13.26	3tgdRC	CALC SILICATE SKARN - white/very pale green tremolite/diopside?(75%)									
			with bands and pods red/brown garnet and green/brown hedenbergite?									
			Blebs pyrrhotite and chalcopyrite at start. Good coring									
			12.63 Contact slightly irregular @ 28 degs.									
			12.73 Banding @ 42 degs.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-04
PAGE NO.	2 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			13.00 Banding @ 38 degs. - strong.									
			13.26 Irregular contact @ 24 degs.									
13.26	13.70	4b/3	SKARNIFIED QUARTZITE - Irregular patches skarnification similar to above in									
			quartzite. Good coring.									
			13.55 Banding @ 26 degs.									
13.70	14.08	3ghd	CALC SILICATE SKARN - Red/brown garnet green ?hedenbergite - coarse									
			grained with pale green ?diopside. Well developed skarn.									
			13.70 Contact sharp @ 49 degs.									
			14.08 Contact @ 39 degs.									
14.08	14.96	4<	QUARTZITE - dark grey fine grained cherty weakly banded. Rare weak									
			alteration in thin bands. Good coring.									
			14.75 Poor banding @ 58 degs.									
14.96	15.83	3ghd	CALC SILICATE SKARN - AS ABOVE. Good coring.									
			14.96 Contact sharp but irregular at about 48 degs.									
15.83	16.46	4	QUARTZITE - fine grained dark grey with minor white/light grey quartz									
			stringers. Bedding uncertain. Good coring.									
16.46	18.54	4q<+	QUARTZITE - mainly light grey fine grained massive. Minor green skarnification.									
			Good coring.									
18.54	19.14	8f	DYKE - feldspar quartz dike, light grey with10% scattered fine grained mafics.									
			Contacts at low angles. Good coring.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-04
PAGE NO.	3 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			19.14 Contact sharp but undulating @ 7 degs.									
19.14	19.90	4q<	QUARTZITE - light grey massive as above. Good coring.									
19.90	20.46	8fq	DYKE - quartz feldspar with 15% mafics. Coarser grained than previous dyke.									
			Good coring.									
			19.90 Contact sharp and even @ 23 degs.									
			20.46 Irregular contact at low angle.									
20.46	21.81	3tgd	CALC SILICATE SKARN - white/pale green with bands and patches re/brown									
			coarse grained garnet. Whiter sections are fine grained fibrous tremolite									
			and green mineral is probably diopside.									
			21.06 Band of garnet @ 29 degs.									
21.81	27.50	5=	MARBLE - white and dark grey banded mainly fine/medium grained. Good coring.									
			22.05 Bedding @ 40 degs.									
			23.58 Bedding @ 54 degs.									
			25.30 Bedding @ 58 degs.									
			26.70 Bedding @ 54 degs.									
27.50	28.86	1RPsAC/5	PYRRHOTITE SKARN - coarse grained pyrrhotite (15%) and pyrite (5%).	23530	27.50	28.18	0.68	100	0.011	0.8	0.032	20.4
			Coarse grained light honey brown siderite crystals (4%) in matrix coarse grained	23531	28.18	28.86	0.68	100	0.005	1.4	0.066	34.6
			recrystallized calcite (40%). Few remnants light grey marble (15%). Small									
			arsenopyrite lathlike crystals (3%). Irregular angular blebs chalcopyrite(2%). 1cm.						%Bi	%Sb	%As	
			long crystals bright silvery mineral ?stibnite. Good coring.	23530					0.00	0.00	0.47	
			27.50 skarn contact @ +/- 0 degs. Cuts across bedding in marble.	23531					0.00	0.00	4.84	
			28.86 Skarn contact with marble @ 48 degs.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-04
PAGE NO.	4 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
28.86	29.47	5>	MARBLE - white moderately coarse grained (5mm crystals) with trace banding									
			Good coring.									
			29.15 bedding @ 43 degs.									
29.47	29.95	8f	DYKE - grey green coarse grained feldspathic dyke with 2cm feldspar									
			phenocrysts. Good coring.									
			29.47 Contact @ 47 degs.									
			29.95 Contact @ 25 degs.									
29.95	30.72	5>	MARBLE - white coarse grained weakly bedded. Good coring.									
			30.20 Banding (=bedding?) @ 25 degs.									
30.72	32.63	1RFQCl/5	PYRRHOTITE SKARN - with sections white/grey coarse grained marble (30%)	23532	30.72	31.67	0.95	100	0.14	18.8	0.261	30.4
			Patches and blebs coarse grained pyrrhotite (25%) with associated euhedral	23533	31.67	32.63	0.96	100	0.00	7.8	0.243	26.6
			crystals grey quartz (30%). Minor pyrite ?marcasite (5%), chalcopyrite (2%),									
			traces native silver and bismuthinite?. Very coarse grained crystals purple and						%Bi	%Sb		
			green fluorite (4%). Good coring.	23532					0.252	0.01		
			32.07 Bedding @ 58 degs.	23533					0.185	0.00		
			Marble 31.01-31.21, 31.34-31.40; 31.92-32.12.									
32.63	33.89	5QsP	MARBLE - white coarse grained and recrystallized (55%) with euhedral 1-2 cm	23534	32.63	33.89	1.26	100	0.48	1.4	-	-
			grey quartz crystals (35%). Traces pyrite/marcasite (2%)- radiating brown									
			acicular crystals. Vuggy (3%). Fragmental texture in few places (broken and									
			brecciated marble healed by euhedral growths quartz crystals).									
				23535	33.89	34.51	0.62	100	130.16	35.6	0.099	28.1
33.89	34.51	1PkQIV	SULPHIDE SKARN - brassy fine grained pyrite/marcasite interbanded with						%Bi	%Sb		
			siliceous layers. Banding from 5mm to 2cm. Visible native silver and gold.	23535					0.131	0.01		

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-04
PAGE NO.	5 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			Fine grained silvery metallic mineral ?stibnite. Good coring.									
			33.97 Specks native silver.									
			34.00-34.14 15+ pinhead specks visible native gold. Maximum size 1mm.									
			34.18 1 speck visible gold.									
			34.20 banding (=bedding?) @ 53 degs.									
			34.25 1 speck visible gold.									
			34.40 1 speck visible gold.									
			34.42 1 speck visible gold.									
			34.46 2 specks visible gold.									
34.51	41.23	5=<	MARBLE - white and dark grey coarse grained and bedded. Few angular									
			fragments of grey quartzite.									
			35.40 Bedding @ 68 degs.									
			37.10 Bedding @ 55 degs.									
			38.70 Bedding @ 57 degs.									
			39.77 - 39.80 band dark grey/brown quartzite with 10% fine grained pyrrhotite									
			disseminated in laminae parallel to the bedding.									
			40.12 Bedding @ 52 degs.									
			41.08 Bedding @ 48 degs.									
41.23	43.28	4<=	QUARTZITE - dark grey/brown f. grained finely bedded in sections. Green sections									
			weak altn./skarnification. 1% disseminated fine grained pyrrhotite. Good coring.									
			41.23 Contact sharp and uniform @ 42 degs.									
			41.40 Bedding @ 44 degs.									
			41.64 Bedding @ 55 degs.									
			43.28 EOH.									
			no water return; hole freezing; AQT core cut with diamond saw.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-04
PAGE NO.	6 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no	DEPTH from	DEPTH to	Rec. m	Rec. %	R.Q.D. m	R.Q.D. %		
					0.00	1.22	0.26	21	0.00	0		
					1.22	2.13	0.64	70	0.00	0		
					2.13	3.66	0.97	63	0.00	0		
					3.66	5.18	1.52	100	0.89	59		
					5.18	6.71	1.53	100	0.27	18		
					6.71	8.23	1.52	100	0.74	49		
					8.23	9.75	1.52	100	0.64	42		
					9.75	11.28	1.53	100	0.82	54		
					11.28	12.80	1.52	100	1.00	66		
					12.80	14.33	1.53	100	1.53	100		
					14.33	15.85	1.52	100	1.36	89		
					15.85	17.37	1.52	100	1.16	76		
					17.37	18.90	1.53	100	1.53	100		
					18.90	20.42	1.52	100	0.96	63		
					20.42	21.95	1.53	100	1.53	100		
					21.95	23.47	1.52	100	1.52	100		
					23.47	24.99	1.52	100	1.42	93		
					24.99	26.52	1.53	100	1.43	93		
					26.52	28.04	1.52	100	1.52	100		
					28.04	29.57	1.53	100	1.53	100		
					29.57	31.09	1.52	100	1.41	93		
					31.09	32.61	1.52	100	1.42	93		
					32.61	34.14	1.53	100	1.33	87		
					34.14	35.66	1.52	100	1.52	100		
					35.66	37.19	1.53	100	1.38	90		
					37.19	38.71	1.52	100	1.34	88		
					38.71	40.23	1.52	100	1.16	76		

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-04
PAGE NO.	7 of 7

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	R.Q.D. m	R.Q.D. %		
					40.23	41.76	1.53	100	1.53	100		
					41.76	43.28	1.52	100	1.52	100		

PROPERTY	HORN CLAIMS	CANADIAN UNITED MINERALS INC.	MINE	Main Zone	HOLE ID	HS 00-05
N.T.S.	116 B - 7	DIAMOND DRILL HOLE LOG			PAGE NO.	1 of 5

DATE STARTED Aug 14/2000
DATE COMPLETED Aug 23/2000 — LATITUDE 100+33.7N — AZ GRID SOUTH
LOGGED BY D.Tenney — DEPARTURE 0+05E — DIP -70 degs.
DATE August 18/2000 — ELEVATION 1675.6 — DEPTH 52.42m.(172 ft.)
PURPOSE Test down dip of visible gold in hole HS00-04.

DIP TESTS

DEPTH	DIP	AZ	DEPTH	DIP	AZ

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
0.00	2.70	OB	OVERBURDEN - rubble (ending in broken bedrock?) Mainly grey and red/brown									
			quartzite with patches weak green skarnification.									
2.70	2.92	4/3	SKARNIFIED QUARTZITE - brown/grey fine grained partly bedded with									
			extensive pale green skarnification.									
			2.78 Bedding @ 56 degs.									
2.92	3.88	5/1RC	MARBLE - white pale grey massive coarse grained marble (85%) with pods and	23537	3.06	3.88	0.82	100	5.24	-	-	-
			patches coarse grained pyrrhotite (12%) and a few blebs of chalcopyrite (2%).									
			Good coring.									
			3.47 Rough banding @ 45 degs.									
3.88	13.36	4<="	QUARTZITE - dark grey/brown fine grained mainly banded . Hard. Core is well									
			jointed and fractured in places. Short section of weak skarnification at start.									
			5.55 Bedding @ 46 degs.									
			6.50 Bedding @ 38 degs.									
			7.97 Bedding @ 38 degs.									
			10.95 bedding @ 44 degs.									
			13.36 Sharp contact, weakly undulating, @ 44 degs.									
13.36	13.77	4/3	SKARNIFIED QUARTZITE - pale green to buff coloured partly banded 37 degs.									
			Hard. Good coring.									
			13.64 Banding 37 degs.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-05
PAGE NO.	2 of 5

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
13.77	15.42	4<	QUARTZITE - as 3.88 to 13.66m. Hard. Fair coring.									
			14.25 bedding @ 37 degs.									
15.42	18.00	5	MARBLE - grey medium/fine grained partly banded . Small (1cm) angular									
			fragments quartzite in places. Soft. Good coring.									
			16.2 Bedding 47 degs.									
18.00	18.30	3gd/4	SKARNIFIED QUARTZITE - Grey/brown quartzite with red/brown garnet and									
			green diopside(?) Good coring.									
18.30	21.19	4b<	QUARTZITE - dark grey partly brown tinged (with biotite?) fine grained massive.									
			Minor pyrrhotite on joints (1%). Weak bands of alteration/skarnification. Hard.									
			Good coring.									
21.19	22.22	4/3	SKARNIFIED QUARTZITE - mainly fine grained pale green. Hard. Good coring.									
			21.55 Banding 63 degs.									
22.22	23.58	8f	DYKE - feldspar phenocrysts (5 -10 mm) in medium grained feldspathic									
			matrix. 5% disseminated mafics. Contact is fine grained but not typical of									
			chilled margins . Hard. Good coring.									
			22.22 sharp contact at about 14 degs.									
			23.58 sharp contact at about 5 degs.									
23.58	31.70	4<$	QUARTZITE - pale grey fine grained massive and very hard. Moderate jointing.									
			Good coring.									
			28.33 - 28.65 Altered fine grained feldspathic dyke? With remnants of quartzite.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-05
PAGE NO.	3 of 5

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
31.70	32.03	3hg	CALC SILICATE SKARN - dark green coarse grained bladed crystals of									
			?hedenbergite with patches coarse grained (5mm) red/brown garnet crystals.									
			Good coring.									
			32.03 contact @ 36 degs.									
32.03	33.78	5/3tgh	MARBLE - white pale green light grey fine grained with fibrous white tremolite									
			and irregular patches and bands of red/brown garnet (10%). Good coring.									
33.78	37.66	5=<	MARBLE - grey mainly fine grained and often finely banded. Soft. Good coring.									
			35.25 Bedding @ 39 degs.									
			36.62 Bedding @ 37 degs.									
			38.20 Bedding @ 35 degs.									
			39.80 Bedding @ 38 degs.									
37.66	42.85	5>+	MARBLE - white to pale grey coarse grained with remnant banding (=bedding?)									
			in places. Very good coring (one piece 1.35m long).									
			40.75 Bedding @ 41 degs.									
			42.50 bedding @ 36 degs.									
42.85	44.13	1RFQC	MASSIVE PYRRHOTITE SKARN - 1-3 cm coarse pyrrhotite crystals (65%) with	23538	42.85	43.49	0.64	100	0.00	3.7	0.281	49.6
			up to 10 cm. patches coarse grained green/purple fluorite crystals (7%).	23539	43.49	44.13	0.64	100	0.41	3.1	0.286	45.9
			Euhedral pale grey quartz crystals about 1 cm long (15%). Disseminated blebs									
			and irregular thin stringers chalcopyrite (3%). Good coring.									
			44.13 Contact with marble @ 53 degs.									
44.13	44.15	5>	MARBLE - white coarse grained.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-05
PAGE NO.	4 of 5

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	R.Q.D m	R.Q.D %		
44.15	44.81	8f	FELDSPATHIC DYKE - pale grey/green medium/fine grained. Contacts									
			skarnified with 1cm. band red brown garnet. Good coring.									
			44.15 Conatact @ 33 degs.									
			44.81 Contact @ 35 degs.									
44.81	52.42	5<=	MARBLE - White and grey fine/medium grained banded throughout. Very good									
			coring. Few coarse grained bands (1-2cm) parallel to bedding.									
			45.10 Bedding @ 49 degs.									
			45.70 Bedding @ 5 degs.									
			48.00 Bedding @19 degs.									
			49.80 Bedding @ 33 degs.									
			51.20 Bedding @ 28 degs.									
			51.95 Bedding @ 22 degs.									
			52.42 EOH.									
			No water return.									
			AQT core cut with diamond saw.									
					0.00	1.52	0.38	25	0.00	0		
					1.52	2.44	0.45	49	0.00	0		
					2.44	3.66	1.06	87	0.40	0		
					3.66	5.18	1.52	100	0.79	33		
					5.18	6.71	1.53	100	0.80	52		
					6.71	8.23	1.52	100	0.63	52		
					8.23	9.75	1.52	100	0.38	41		
					9.75	10.52	0.77	100	0.60	25		
					10.52	11.28	0.76	100	0.42	78		
					11.28	12.80	1.52	100	1.03	55		

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-05
PAGE NO.	5 of 5

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	R.Q.D m	R.Q.D %		
					12.80	14.33	1.53	100	1.09	71		
					14.33	15.85	1.52	100	0.85	56		
					15.85	17.37	1.52	100	1.14	75		
					17.37	18.90	1.53	100	1.53	100		
					18.90	20.42	1.52	100	1.46	96		
					20.42	21.95	1.53	100	1.20	78		
					21.95	23.47	1.52	100	1.33	88		
					23.47	24.99	1.52	100	1.04	68		
					24.99	26.52	1.53	100	1.08	71		
					26.52	27.89	1.37	100	1.12	82		
					27.89	29.26	1.37	100	1.20	88		
					29.26	29.57	0.31	100	0.31	100		
					29.57	31.09	1.52	100	1.35	89		
					31.09	32.61	1.52	100	1.20	79		
					32.61	34.14	1.53	100	1.53	100		
					34.14	35.66	1.52	100	1.52	100		
					35.66	37.19	1.53	100	1.53	100		
					37.19	38.71	1.52	100	1.52	100		
					38.71	40.23	1.52	100	1.52	100		
			one piece of core 1.25m long.		40.23	41.76	1.53	100	1.53	100		
					41.76	43.28	1.52	100	1.39	91		
					43.28	44.81	1.53	100	1.30	85		
					44.81	46.33	1.52	100	1.32	87		
					46.33	47.85	1.52	100	1.46	96		
					47.85	49.38	1.53	100	1.53	100		
					49.38	50.90	1.52	100	1.52	100		
					50.90	52.42	1.52	100	1.52	100		

PROPERTY	HORN CLAIMS	**CANADIAN UNITED MINERALS INC.**		MINE	Main Zone	HOLE ID	HS 00-06
N.T.S.	116 B - 7	**DIAMOND DRILL HOLE LOG**				PAGE NO.	1 of 5
DATE STARTED	Aug 23/2000						
DATE COMPLETED	Aug 28/2000	LATITUDE 100+26.5N	AZ GRID SOUTH				
LOGGED BY	D.Tenney	DEPARTURE 0+25W	DIP -55 degs.				
DATE	August 27/2000	ELEVATION 1664.5m	DEPTH 48.11m.(158 fr)				
PURPOSE	Test Main Zone on strike west of main showinng.						

DIP TESTS

DEPTH	DIP	AZ	DEPTH	DIP	AZ

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m.	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
0.00	1.77	OB/4	OVERBURDEN - (and broken bedrock?). Fragments dark grey quartzite with									
			minor granite at start. Rusty joint faces.									
1.77	6.88	4--	QUARTZITE -Dark grey fine grained partly banded. Weakly skarnified in places.									
			Rust on joint faces. Poor coring.									
			3.00 - 3.66 Very broken - Rubble.									
			5.05 - 5.72 Fractured.									
			1.80 Bedding @ 66 degs.									
			3.56 Bedding @ 72 degs.									
			4.68 Bedding @ 58 degs.									
6.88	8.97	4/3-	SKARNIFIED QUARTZITE - mainly pale green fine grained with remnants brown									
			altered quarzite. Poor coring.									
			8.23 - 8.80 Fractured and broken core.									
			7.50 Beding @ 58 degs. (banding in skarn).									
			8.00 Bedding @ 57 degs.									
8.97	12.04	5<=	MARBLE - White and dark grey fine grained banded. Few coarse grained									
			white 1-2cm interbeds. Good coring.									
			9.13 Bedding @ 44 degs.									
			10.52 Bedding @ 67 degs.									
			11.48 Bedding @ 68 degs.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-06
PAGE NO.	2 of 5

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
12.04	12.43	3gh/4	CALC SILICATE SKARN - coarse grained red/brown garnet in 1-3 cm. bands accompanied by dark green/brown ?hedenbergite. Remnants dark grey quartzite. Good coring. 12.21 Banding @ 66 degs.									
12.43	13.64	5</5>	MARBLE - Grey fine grained with bands and sections white coarse grained. Good coring. 13.42 Bedding @ 58 degs.									
13.64	17.37	5>$	MARBLE - White coarse grianed and massive with weak remnant bedding in places. Good coring. 14.80 Diffuse banding (=bedding?) @ 75 degs.									
17.37	17.54	5/1RC	MARBLE - with patches blebs and specks of sub-rounded to angular pyrrhotite (15%). Marble is white and coarse grained. Traces specks chalcopyrite (2%). Good coring.	23547	17.37	17.54	0.17	100	0.00	0.0	0.022	1.89
17.54	18.54	5>$	MARBLE - as 13.64 to 17.37. Good coring. 17.73 Banding (=bedding?) @ 58 degs.									
18.54	18.80	5/1RC	MARBLE - with pyrrhotite (20%) and chalcopyrite (3%) as above.	23548	18.54	18.80	0.26	100	0.07	0.0	0.019	12.10
18.80	19.04	5>$	MARBLE - as above 13.64 to 17.37.									
19.04	19.36	5/1RC	MARBLE - with pyrrhotite as above.	23549	19.04	19.36	0.32	100	0.07	2.1	0.181	15.45
19.36	22.30	5>$	MARBLE - white coarse grained with very weak remnant diffuse banding.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-06
PAGE NO.	3 of 5

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	Au g/t	Ag g/t	Cu %	Fe %
			Good coring.									
			20.75 Banding (=bedding?) @ 57 degs.									
22.30	22.38	5RC	MARBLE - white grey coarse grained with blebs and specks fine grained	23550	22.30	22.38	0.08	100	0.07	0.0	0.020	2.2
			pyrrhotite (10%) and chalcopyrite (2%) in replacement bands parallel to the									
			bedding. Contacts at about 40 degs. Good coring.									
22.38	25.19	5>$	MARBLE - White and coarse grained with weak bedding.									
			23.95 Bedding @ 44 degs.									
			25.15 Bedding @ 48 degs.									
25.19	35.52	5=	MARBLE - Banded with dark fine grained and white coarse grained bands									
			(1-5 cm.). Good coring.									
			26.62 Bedding @ 59 degs.									
			28.12 Bedding @ 55 degs.									
			29.80 Bedding @ 55 degs.									
			30.60 bedding @ 54 degs.									
			32.18 Bedding @ 51 degs.									
			33.60 Bedding @ 53 degs.									
			35.72 Bedding @ 49 degs.									
35.52	43.22	5>$	MARBLE - mainly white to light grey coarse grained and massive. Minor weak									
			banding in places. Good coring.									
			36.82 Bedding @ 43 degs.									
			38.14 Bedding @ 40 degs.									
			39.67 Bedding @ 47 degs.									
			40.93 Bedding @ 52 degs.									

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-06
PAGE NO.	4 of 5

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	R.Q.D m	R.Q.D %
			42.42 Bedding @ 62 degs.							
			43.88 Bedding @ 63 degs.							
43.22	48.04	5=	MARBLE - grey and white fine and coarse grained. Banded. Very good coring.							
			43.88 Bedding @ 63 degs.							
48.04	48.11	4	QUARTZITE - light grey/brown fine grained hard. Weak banding. Good coring.							
			48.04 Contact @ 57 degs.							
			48.11 EOH.							
			No water return.							
			AQT core cut with diamond saw.							
					0.00	2.13	0.73	34	0.00	0
					2.13	3.66	1.20	78	0.00	0
					3.66	5.18	1.34	88	0.40	26
					5.18	6.40	1.00	82	0.11	9
					6.40	6.71	0.30	97	0.13	42
					6.71	8.23	1.52	100	0.25	16
					8.23	9.75	1.52	100	0.63	41
					9.75	11.28	1.53	100	1.25	82
					11.28	12.80	1.52	100	1.22	80
					12.80	14.33	1.53	100	1.25	82

CANADIAN UNITED MINERALS INC.
DIAMOND DRILL HOLE LOG

HOLE ID	HS 00-06
PAGE NO.	5 of 5

DEPTH FROM	DEPTH TO	ROCK CODE	DESCRIPTION	sample no.	DEPTH from	DEPTH to	Rec. m	Rec. %	R.Q.D m	R.Q.D %		
					14.33	15.85	1.52	100	1.46	0		
					15.85	17.37	1.52	100	1.52	96		
					17.37	18.90	1.53	100	1.53	100		
					18.90	20.42	1.52	100	1.20	100		
					20.42	21.95	1.53	100	1.20	79		
					21.95	23.47	1.52	100	1.47	78		
					23.47	24.99	1.52	100	1.32	97		
					24.99	26.52	1.53	100	1.39	87		
					26.52	28.04	1.52	100	1.22	91		
					28.04	29.57	1.46	95	1.30	80		
					29.57	31.09	1.52	100	1.52	85		
					31.09	32.61	1.46	96	1.21	100		
					32.61	34.14	1.53	100	1.35	80		
					34.14	35.66	1.52	100	1.47	88		
					35.66	37.19	1.53	100	1.30	97		
					37.19	38.71	1.52	100	1.52	85		
					38.71	40.23	1.50	99	1.40	100		
					40.23	41.76	1.53	100	1.48	92		
					41.76	43.28	1.52	100	1.52	97		
					43.28	44.80	1.34	88	1.07	100		
					44.80	45.11	0.27	87	0.27	70		

APPENDIX 6

Assay reports.

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

04/10/2000

Certificate of Analysis

Canadian United Minerals

WO# 00137a

	Sample #	total pulp wt gm	wt of +150 gm	Au in -150 oz/ton	Au in 30.000 mg	total Au oz/ton
dc	23503	133.6	6.310	0.031	<.002	0.030
dc	23504	300.2	27.482	0.014	0.004	0.013
dc	23505	138.8	9.841	0.016	0.004	0.016
dc	23506	291.2	14.946	0.017	<.002	0.016
dc	23507	284.5	15.494	0.072	0.175	0.086
dc	23508	291.2	19.211	0.447	1.235	0.541
dc	23509	275.6	14.467	1.120	14.116	2.555
dc	23510	240.6	13.923	0.027	8.207	1.020
dc	23511	288.4	12.187	0.004	0.535	0.058
dc	23512	273.9	20.106	0.010	0.012	0.011
dc	23513	276.5	19.878	0.331	4.731	0.806
dc	23514	285.7	18.232	1.355	26.810	4.005
dc	23515	262.1	17.677	0.914	27.635	3.927
dc	23516	293.2	23.381	0.043	0.508	0.090
dc	23517	281.9	21.714	0.012	1.528	0.169
dc	23518	251.8	16.402	0.010	2.021	0.243
dc	23519	287.9	16.785	0.021	1.035	0.125
dc	23520	299.5	28.506	0.045	14.582	1.461
dc	23521	303.6	23.821	<.002	0.279	0.027
dc	23522	286.5	20.228	0.010	0.330	0.043
dc	23523	278.5	22.693	0.029	0.307	0.059
dc	23524	285.2	17.402	0.111	2.191	0.328
dc	23525	291.9	22.102	0.014	0.667	0.080
dc	23526	232.4	15.174	0.027	0.012	0.027
dc	23527	278.8	26.018	1.797	42.606	6.086
dc	23528	310.7	28.733	0.992	10.521	1.888
dc	23529	173.3	10.952	0.389	2.452	0.777
dc	23530	304.9	29.848	0.012	0.007	0.011
dc	23531	286.4	24.343	0.006	<.002	0.005
dc	23532	294.3	23.277	0.004	0.003	0.004

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

Canadian United Minerals WO# 00137a

	Sample #	total pulp wt gm	wt of +150 gm	Au in -150 oz/ton	Au in 30.000 mg	total Au oz/ton
dc	23533	291.1	26.125	<.002	0.008	<0.002
dc	23534	214.8	17.755	0.014	0.006	0.014
dc	23535	273.9	32.896	0.926	27.998	3.797
dc	23537	269.0	15.525	0.014	1.287	0.153
dc	23538	297.6	11.450	<.002	0.006	<0.002
dc	23539	300.5	16.715	0.012	0.002	0.012

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

04/10/2000 Certificate of Analysis

Canadian United Minerals WO# 00137

Certified by

	Sample #	Ag g/mt	Cu %	Pb %	Zn %	As %	Sb %
dc	23504	2.5	0.030	0.017	0.081		
dc	23507	4.5	0.140				<0.01
dc	23508	10.0	0.231				<0.01
dc	23509	41.9	1.250				0.01
dc	23510	8.4					
dc	23511	4.2	0.137				<0.01
dc	23512	4.7	0.100				<0.01
dc	23513	11.9	0.203				0.01
dc	23514	47.6	1.009				0.02
dc	23515	66.9	1.420				0.01
dc	23516	18.7	0.222				<0.01
dc	23517	9.8	0.527				<0.01
dc	23518 (-150)	11.6	0.375				
dc	23519	18.7	0.626				<0.01
dc	23520	14.8	0.377				<0.01
dc	23521	3.7	0.183				<0.01
dc	23522	2.9	0.152				<0.01
dc	23523	6.3	0.235				<0.01
dc	23524	33.1	0.719				<0.01
dc	23525	13.7	0.400				<0.01
dc	23526 (-150)	52.0	0.754				0.02
dc	23527	40.5	1.050				<0.01
dc	23528	9.6	0.113				<0.01
dc	23529 (-150)	1.9	0.013				<0.01
dc	23530	0.8	0.032			0.47	<0.01
dc	23531	1.4	0.066			4.84	<0.01
dc	23532	18.8	0.261				0.01
dc	23533	7.8	0.243				<0.01
dc	23534	1.4					
dc	23535	35.6	0.099				0.01

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

Canadian United Minerals WO# 00137

Certified by

	Sample #	Ag g/mt	Cu %	Pb %	Zn %	As %	Sb %
dc	23538	3.7	0.281				
dc	23539	3.1	0.286				

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

04/10/2000 Certificate of Analysis

Canadian United Minerals WO# 00137

Certified by

	Sample #	Bi %	Fe %
dc	23504		
dc	23507	0.003	53.6
dc	23508	0.041	53.0
dc	23509	0.161	51.0
dc	23510		
dc	23511	0.054	35.4
dc	23512	0.028	52.0
dc	23513	0.081	51.8
dc	23514	0.250	41.8
dc	23515	0.157	50.7
dc	23516	0.032	44.8
dc	23517	0.003	55.8
dc	23518 (-150)		
dc	23519	0.005	57.5
dc	23520	0.028	48.4
dc	23521	0.001	49.8
dc	23522	0.002	49.9
dc	23523	0.011	56.0
dc	23524	0.056	46.5
dc	23525	0.073	46.3
dc	23526 (-150)	0.477	33.1
dc	23527	0.017	35.8
dc	23528	0.025	40.2
dc	23529 (-150)	0.001	4.3
dc	23530	<0.001	20.4
dc	23531	<0.001	34.6
dc	23532	0.252	30.4
dc	23533	0.185	26.6
dc	23534		
dc	23535	0.131	28.1

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

Canadian United Minerals WO# 00137

Certified by

	Sample #	Bi %	Fe %
dc	23538		49.6
dc	23539		45.9

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

20/10/2000

Certificate of Analysis

Canadian United Minerals

WO# 00158

Certified by

	Sample #	Ag g/mt	Cu %	Fe %
dc	23547	<1.0	0.022	1.89
dc	23548	<1.0	0.019	12.10
dc	23549	2.1	0.181	15.45
dc	23550	<1.0	0.020	2.20

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

Canadian United Minerals WO# 00158a

	Sample #	total pulp wt gm	wt of +150 gm	Au in -150 oz/ton	Au in +150 mg	total Au oz/ton
dc	23547	173.4	17.349	<.002	<.002	<0.002
dc	23548	230.3	17.448	0.002	<.002	0.002
dc	23549	240.1	24.787	0.002	<.002	0.002
dc	23550	58.2	4.788	0.002	<.002	0.002

APPENDIX 7

List of intersections 1999-2000.

APPENDIX 7

CANADIAN UNITED MINERALS INC.
HORN CLAIMS - TOMBSTONE MOUNTAINS

AVERAGE CALCULATED GRADES

DIAMOND DRILL INTERSECTIONS

HOLE #	FROM	TO	LENGTH	REC.	Au	Au	Ag	Cu	Fe
	m	m	m	%	oz/ton	g/t	g/t	%	%
HS 99-02	9.14	12.49	3.35	80	1.64	56.1	16.2	0.32	30.0
HS 99-03	0.00	11.88	11.88	61	0.56	19.3	11.8	0.19	41.1
HS 99-04	0.00	11.03	11.03	63	0.63	21.6	15.8	0.19	31.7
HS 99-06	0.00	0.98	0.98	28	1.27	43.6	58.7	1.52	34.8
HS 99-07	0.00	0.70	0.70	57	1.26	43.3	87.1	1.62	55.6
HS 99-11	2.62	7.92	5.30	52	5.28	180.8	60.3	0.90	32.7
HS 00-01	28.90	31.15	2.25	100	1.44	49.2	22.3	0.44	52.6
HS 00-02	31.08	38.03	6.95	100	1.49	51.0	27.0	0.63	48.3
HS 00-03	45.00	46.44	1.44	100	4.26	146.1	27.15	0.67	32.3
HS00-04	33.89	34.51	0.62	100	3.80	130.2	35.6	0.10	28.1

CHIP SAMPLING FROM TRENCHES

TRENCH	SAMPLE LINE	LENGTH	Au	Au	Ag	Cu	Fe	LOCATION	SAMPLER
		m	oz/t	g/t	g/t	%	%		
99-01	A	2.44	1.18	40.3	-	-	-	107N/14W	Ryan 98
99-01	B	3.66	0.50	17.3	-	-	-	106N/13W	Ryan 98
99-01	C	1.22	3.49	119.7	-	-	-	106N/12W	Ryan 98
99-01	D	5.94	1.72	58.9	17.5	0.49	45.6	106N/12W	Tenney 99
99-05	E	4.45	2.49	85.4	59.4	1.11	-	110N/2W	Tenney 99

APPENDIX 8

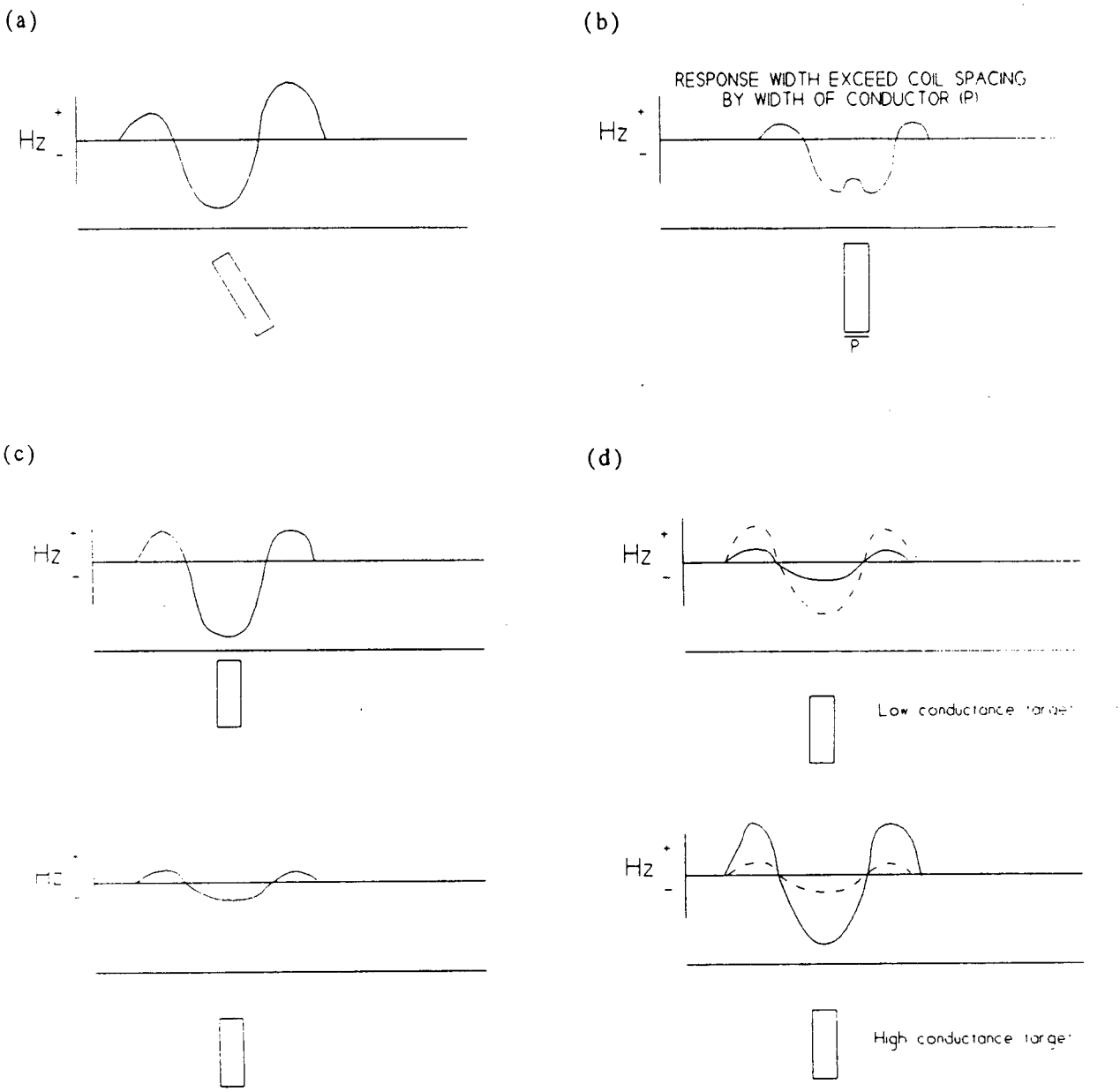
Description of geophysical instruments and methods.

APPENDIX 8

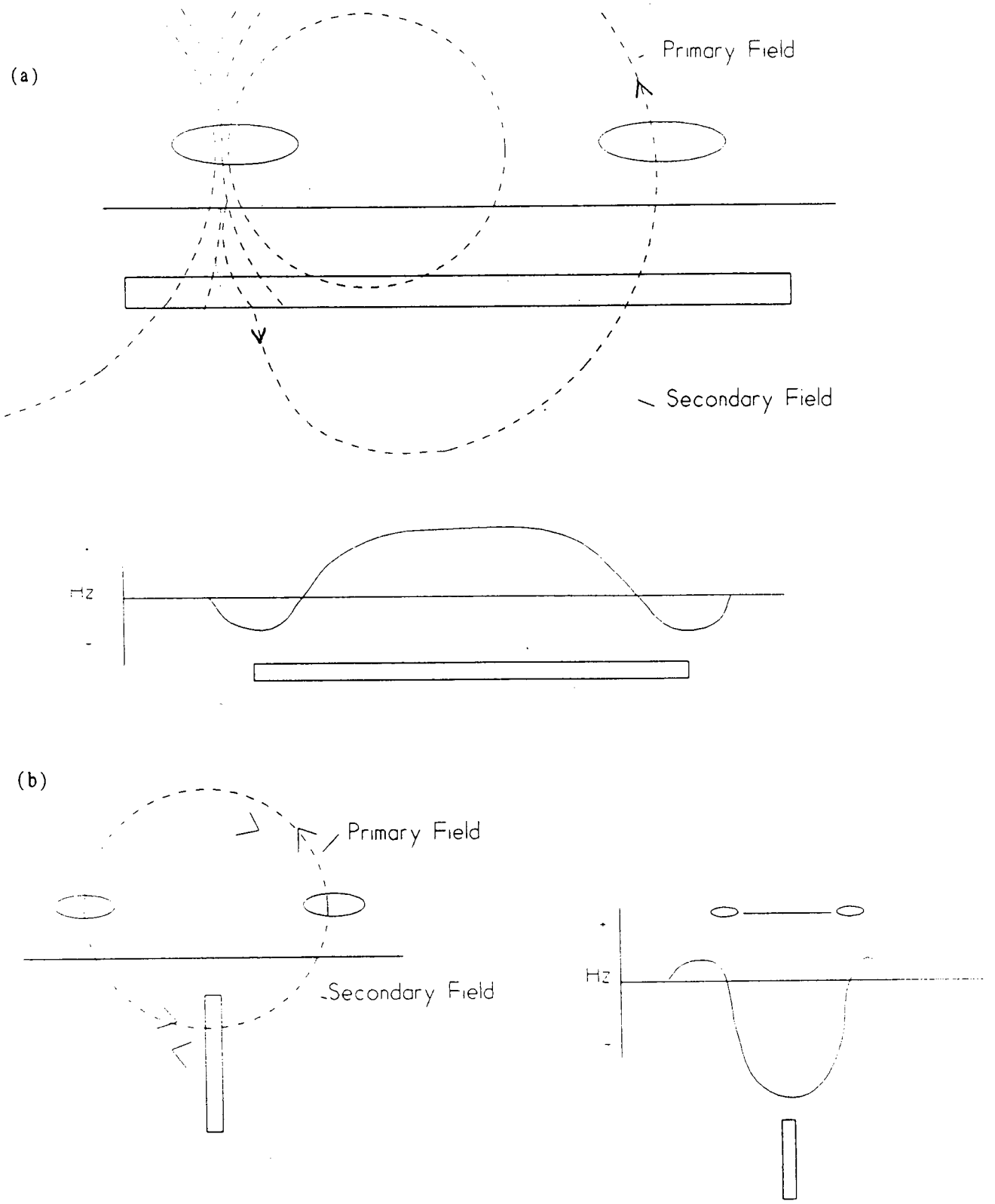
Description of MaxMin Survey (HLEM)

The MaxMin HLEM method uses a pair of horizontal coils of copper wire that are connected to each other by an electrical cable. There is no connection with the ground and the whole system is mobile and requires two operators, one for the transmitter and one for the receiver. The transmitter is attached to the coil on one end of the cable and the receiver to the coil at the other end. Cables of variable length are available to increase the separation between the coils, with longer cables giving greater depth penetration. Coils must be a constant distance apart during the survey and the coils must be aligned in the same plane and will consequently not be horizontal on sloping ground. Usually surveys are conducted at variable frequencies (frequency domain). The system used on the Horn Claims employed a cable 50m long, which is relatively short, and frequencies of 440, 880, 1760 and 3520 hertz (drawings 3, 4, 5, 6). The transmitter transmits a varying (primary) electromagnetic field in the form of a sine wave into the earths crust and this is received at the receiver along with any secondary fields that are generated. Secondary fields will not occur unless electrically conductive material is present. Common electrical conductors include the metallic sulphides and graphite. A part of the primary signal is sent from the transmitter through the cable to the receiver at the other end so that the effects of the primary field detected in the receiving coil can be removed from the readings displayed by the receiver. Once the effect of the primary field is removed the remaining secondary field is split into two components, one of which is in phase with the applied primary field (the in phase component) and one of which is 90 degrees out of phase with it (the out of phase or quadrature component). The ratio of these two phases gives an estimate of the electrical conductivity of the conductor. On the profiles in drawings 3 to 6 the in phase component is plotted as a solid line and the quadrature component as a dashed line.

Instrument specifications and the response of this instrument to flat lying and steeply dipping conductors are shown on following pages.



HLEM response of dipping tabular conductors. (a) Effect of dip on HLEM response. (b) Effect of depth. (c) Effect of conductor width. (d) Effect of conductance.



HLEM responses. (a) Response over a flat-lying conductor consists of a positive response. (b) Response over a dipping conductor consists of a negative response.

MAXMIN I-10 SPECIFICATIONS:

Frequencies: 110, 220, 440, 880, 1760, 3520, 7040, 14080, 28160 and 56320 Hz.

Modes: MAX 1: Horizontal loop mode (Transmitter and receiver coil planes horizontal and coplanar).

MAX 2: Vertical coplanar loop mode (Transmitter and receiver coil planes vertical and coplanar).

MIN 1: Perpendicular loop mode 1 (Transmitter coil plane horizontal and receiver coil plane vertical).

MIN 2: Perpendicular loop mode 2 (Transmitter coil plane vertical and receiver coil plane horizontal).

Coil separations: 12.5, 25, 50, 75, 100, 125, 150, 200, 250, 300, & 400 metres (standard).

10, 20, 40, 60, 80, 100, 120, 160, 200, 240 & 320 metres (selected with grid switch inside of receiver).

50, 100, 200, 300, 400, 500, 600, 800, 1000, 1200 & 1600 feet (selected with grid switch inside of receiver).

Parameters measured: In-Phase and quadrature components of the secondary magnetic field, in % of primary (transmitted) field.

Readouts: Analog direct readouts on edgewise panel meters for in-phase, quadrature and tilt, (Additional digital readouts when using the DAC, for which interfacing and controls are provided for plug-in).

Ranges of readouts: Analog in-phase and quadrature scales: 0 ± 4%, 0 ± 20%, 0 ± 100%, switch activated. Analog tilt scale: 0 ± 75% grade. (Digital in-phase and quad. 0 ± 199.9%).

Readability: Analog in-phase and quadrature 0.05% to 0.5%, analog tilt 1% grade. (Digital in-phase and quadrature 0.1%).

Repeatability: ± 0.05% to ± 1% normally, depending on frequency, coil separation & conditions.

Signal filtering: Powerline comb filter, continuous spherics noise clipping, autoadjusting time constant and other filtering.

Warning lights: Receiver signal and reference warning lights to indicate potential errors.

Survey depth: From surface down to 1.5 times coil separation used.

Transmitter dipole moments:

110 Hz:	200 Atm²	1760 Hz:	110 Atm²
220 Hz:	190 Atm²	3520 Hz:	80 Atm²
440 Hz:	170 Atm²	7040 Hz:	40 Atm²
880 Hz:	140 Atm²	14080 Hz:	20 Atm²
28 KHz:	10 Atm²	56 KHz:	5 Atm²

Reference cable: Light weight unshielded 4/2 conductor teflon cable for maximum temperature range and for minimum friction. Please specify cable lengths required.

Intercom: Voice communication link provided for operators via the reference cable.

Receiver power supply: Four standard 9V batteries (0.5Ah, alkaline). Life 25 hrs continuous duty, less in cold weather. Rechargeable battery and charger option available.

Transmitter power supply: Rechargeable sealed gel type lead acid 6V-26Ah batteries (4x6V-6½Ah) in canvas belt. Optional 6V-16Ah light duty belt pack available.

Transmitter battery charger: For 110-120/220-240VAC, 50/60/400 Hz and 12-15VDC supply operation, automatic float charge mode, three charge status indicator lights. Output 7.3V-2.8A nominal

Operating temp: -30 to + 60 degrees Celsius.

Receiver weight: 8 kg, including the two integral ferrite cored antennas (9 kg with data acq. computer).

Transmitter weight: 16 kg with standard 6V-26Ah battery pack.
14 kg with light duty 6V-16Ah pack.

Shipping weight: 60 kg plus weight of reference cables at 2.8 kg per 100 metres plus other optional items if any.

Standard spares: One spare transmitter battery pack, one spare transmitter battery charger, two spare transmitter retractile connecting cords, one spare set receiver batteries.

Specifications subject to change without notification

APPENDIX 9

Statement of costs Horn Claims 2000

APPENDIX 9

Statement of Costs Horn Claims 2000

The following list of amounts spent comes from the records of Sunshine Bookkeeping in Dawson. They do not include the cost of purchasing the Hydracore drill.

Camp Supplies	4,566.19
Kitchen Supplies	3,723.98
Equipment Rentals	302.35
Fuel and oil	8,2012.49
Haulage and freight	44,422.91
Repairs and maintenance	23,811.67
Wages and benefits	53,343.64
Expediting	167.18
Northern analytical	2,341.50
Travel	282.77
Professional fees	48,461.84
Telephone	2,469.52
TOTAL	$192,094.94

APPENDIX 10

Statement of qualifications

APPENDIX 10

STATEMENT OF QUALIFICATIONS

I, David Tenney, C.Eng. do hereby certify that:

I am a consulting mine geologist, registered as a Chartered Engineer (C.Eng.) with the Engineering Council of Great Britain.

I graduated from the University of Leicester, England, in 1961, with a Bachelor of Science Degree in geology (B.Sc. Geol.). I also hold a postgraduate diploma in mineral exploration from the Royal School of Mines, Imperial College of Science and Technology, London. (D.I.C. Min.Ex.)

I have practised my profession for the past 37 years.

The opinions, and conclusions contained in this report are based on information collected during visits to the Horn claims in the summers of 1999 and 2000, and on a review of work completed by Canadian United Minerals Inc. in 1997 and 1998.

I do not own any direct, indirect or contingent interest in the properties or shares or securities of Canadian United Minerals Incorporated or any associated company.

I reside at 63 Finch Crescent, Whitehorse, Yukon, Y1A - 5X5, Canada, and carry on business in the Yukon Territory, and elsewhere, under the title of Mine Geology Services.

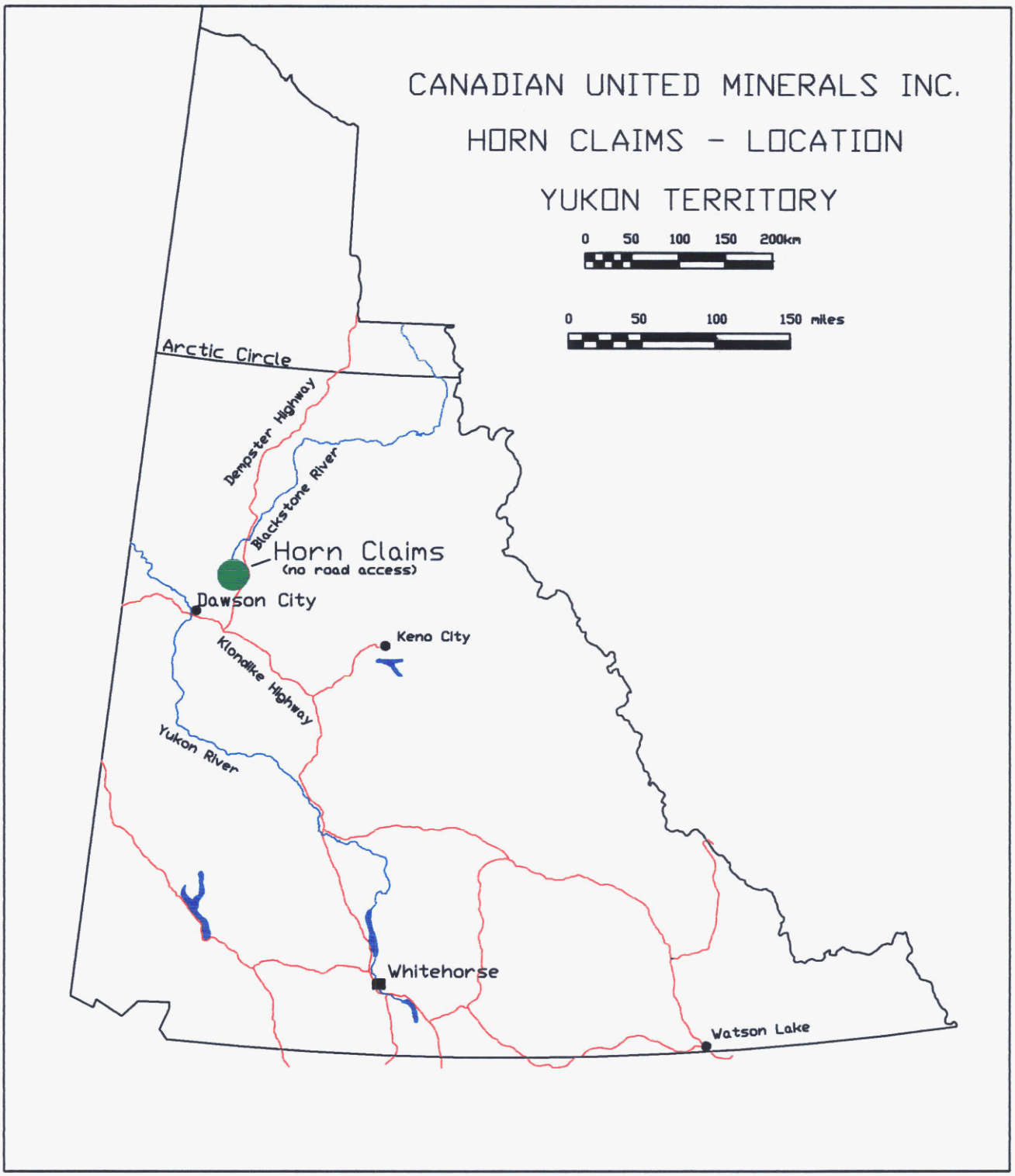
D. Tenney

David Tenney C.Eng.

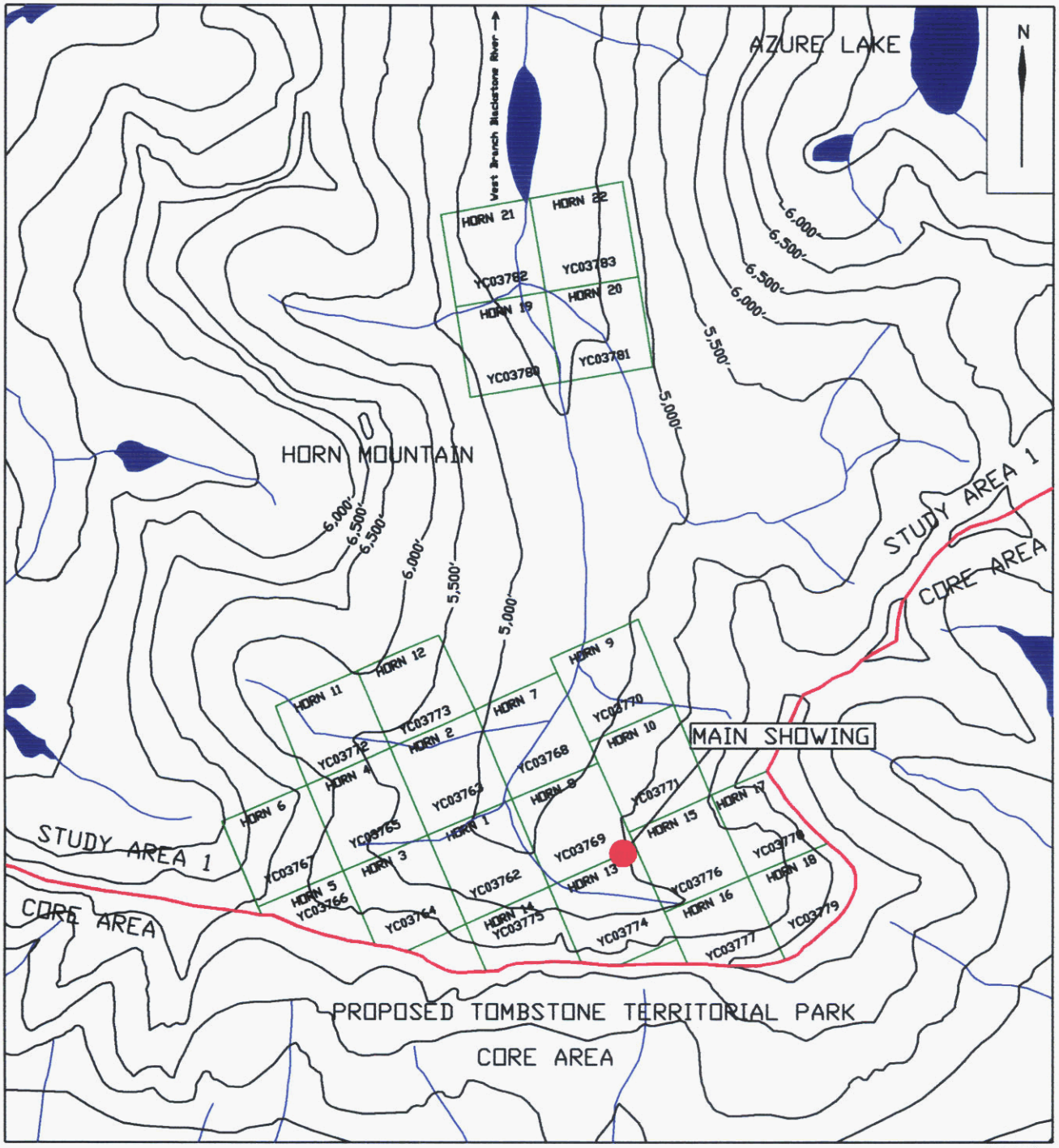
B.Sc. D.I.C. M.I.M.M. C.Eng.

May 22nd. 2001.

DWG. #1


CANADIAN UNITED MINERALS INC.
HORN CLAIMS - LOCATION
YUKON TERRITORY
0 50 100 150 200km
0 50 100 150 miles
Arctic Circle
Dempster Highway
Blackstone River
Horn Claims
(no road access)
Dawson City
Keno City
Klondike Highway
Yukon River
Whitehorse
Watson Lake

DRAWING. #2



CANADIAN UNITED MINERALS INC.

HORN CLAIM GROUP

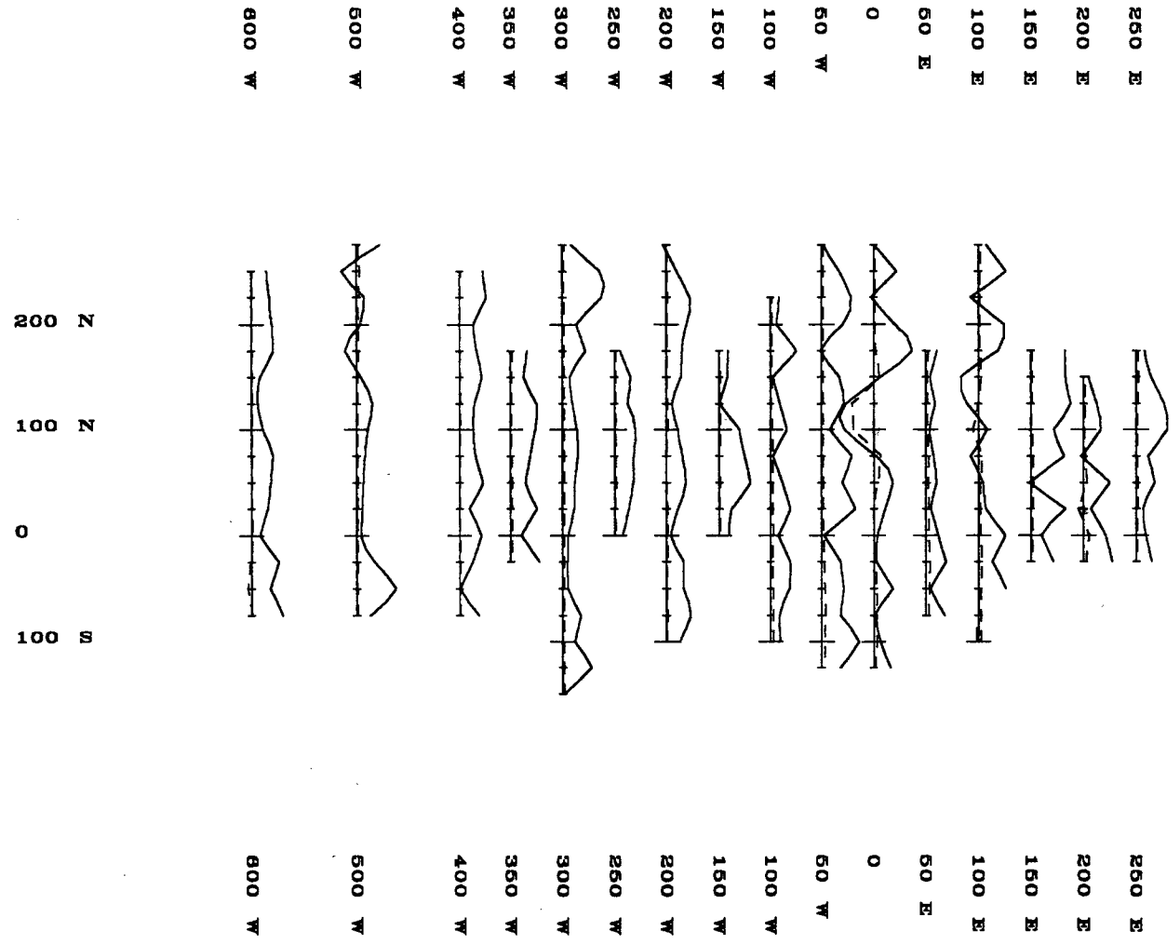
Dawson Mining Division

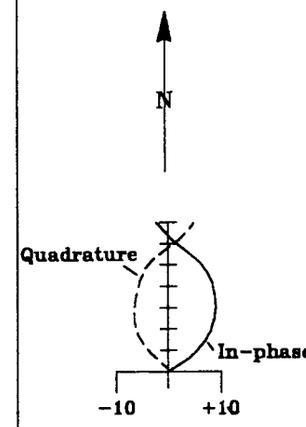
YUKON TERRITORY

NTS 116 B-7

Mine Geology Services

Whitehorse, Yukon





Percentage of Primary Field

– CONDUCTOR AXIS

0 200
metres
Scale: 1:5,000

CANADIAN UNITED MINERALS INC.

HORN CLAIMS

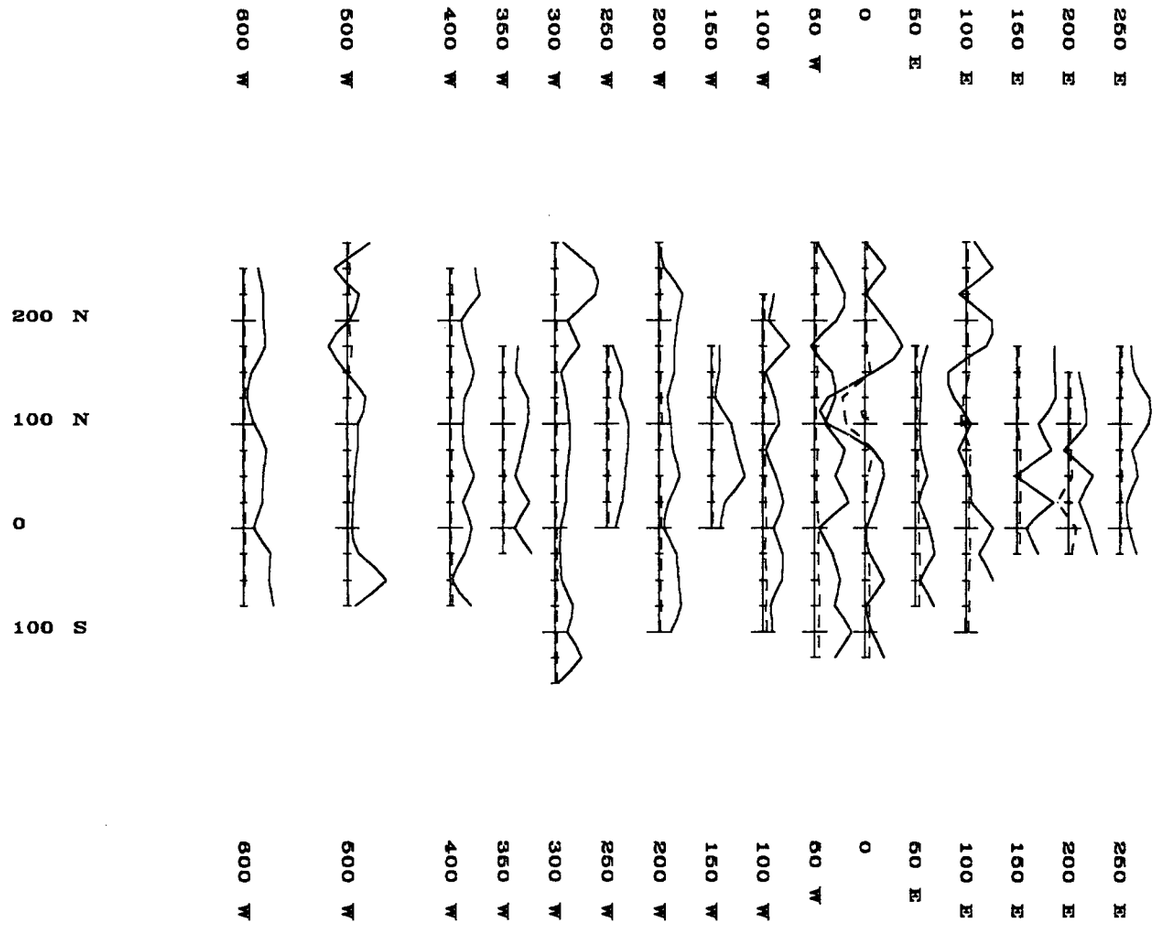
HLEM SURVEY
50 m separation
440 Hz

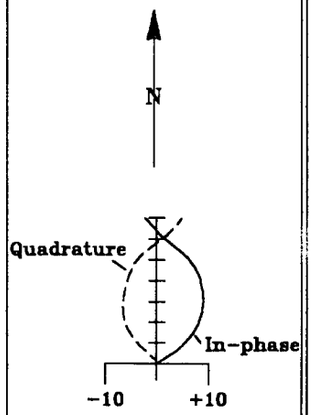
NTS: 116 B/7

Mining District: DAWSON

Job: 00-14 | Date: 31 JUL 00

AMEROK GEOSCIENCES LTD.





Percentage of Primary Field

– CONDUCTOR AXIS

0 200
metres
Scale: 1:5,000

CANADIAN UNITED MINERALS INC.

HORN CLAIMS

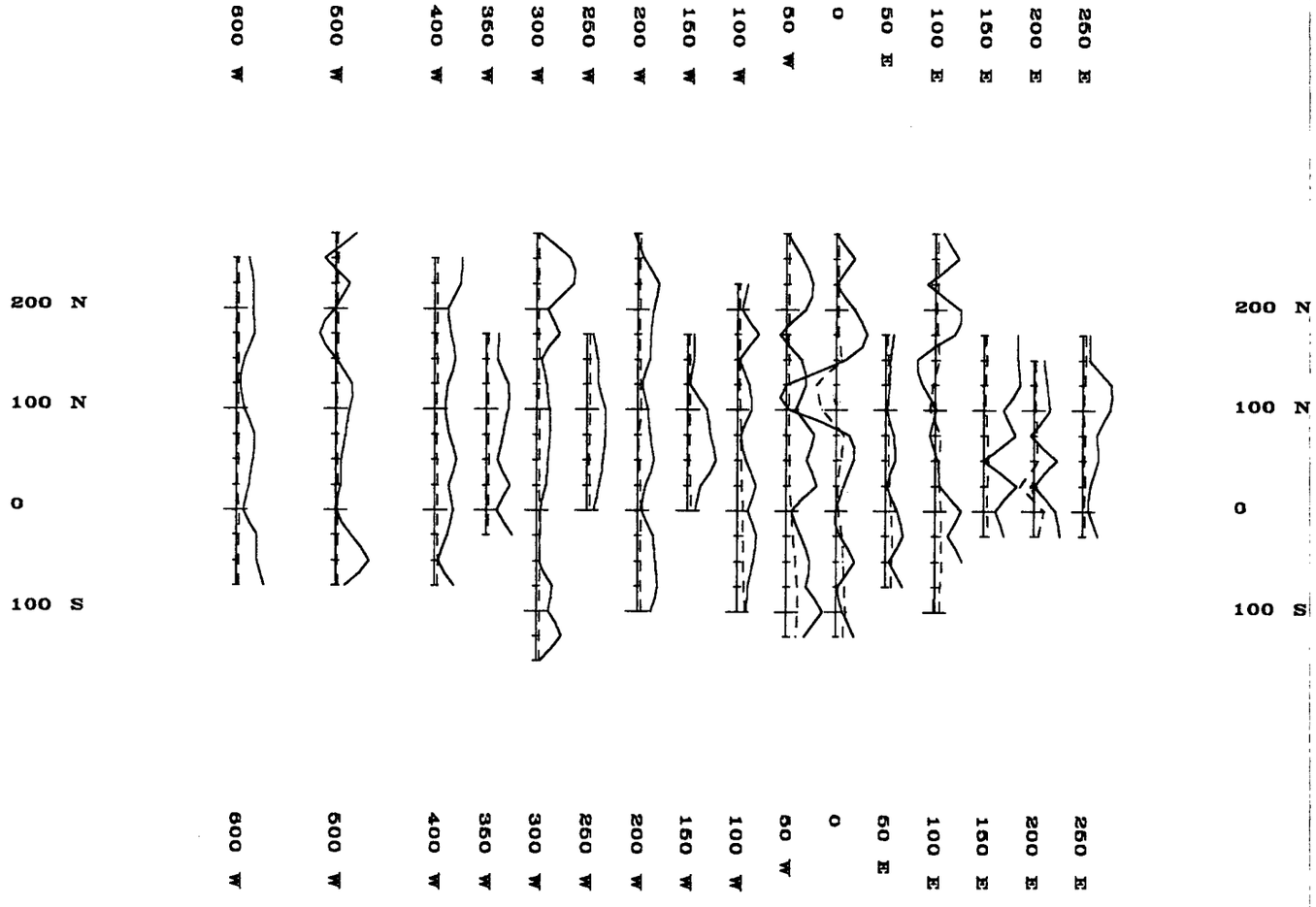
HLEM SURVEY
50 m separation
880 Hz

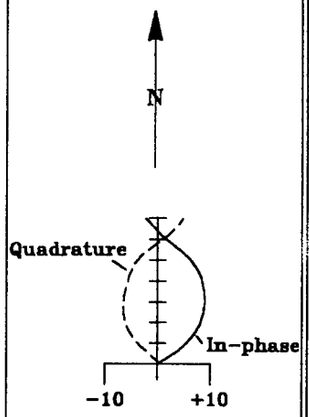
NTS: 116 B/7

Mining District: DAWSON

Job: 00-14 | Date: 31 JUL 00

AMEROK GEOSCIENCES LTD.





Percentage of Primary Field

– CONDUCTOR AXIS

0 200
metres
Scale: 1:5,000

CANADIAN UNITED MINERALS INC.

HORN CLAIMS

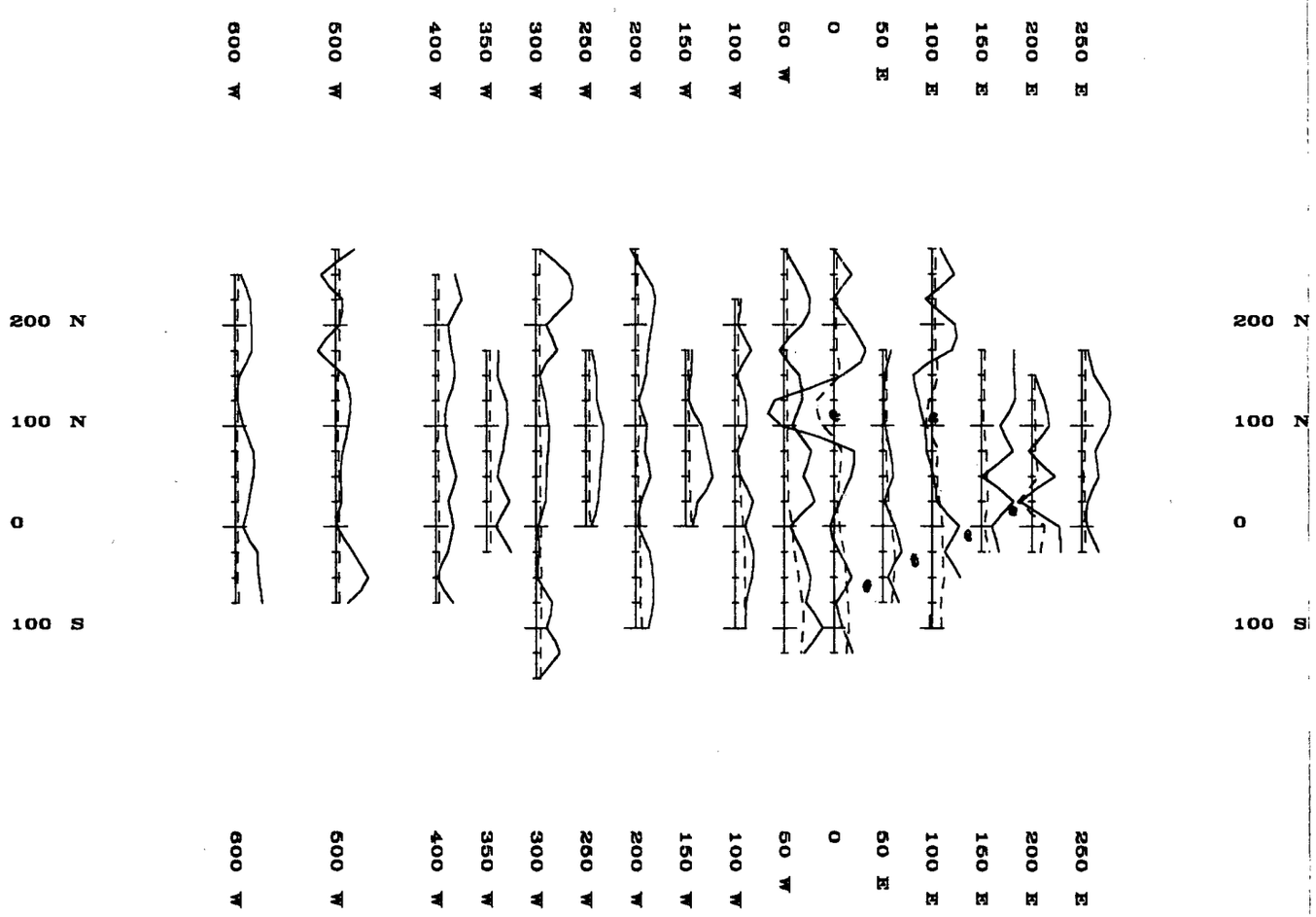
HLEM SURVEY
50 m separation
1760 Hz

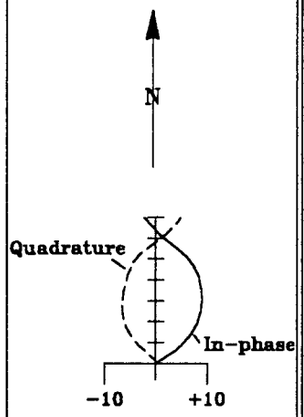
NTS: 116 B/7

Mining District: DAWSON

Job: 00-14 | Date: 31 JUL 00

AMEROK GEOSCIENCES LTD.





Percentage of Primary Field

– CONDUCTOR AXIS

0 200
metres
Scale: 1:5,000

CANADIAN UNITED MINERALS INC.

HORN CLAIMS

HLEM SURVEY
50 m separation
3520 Hz

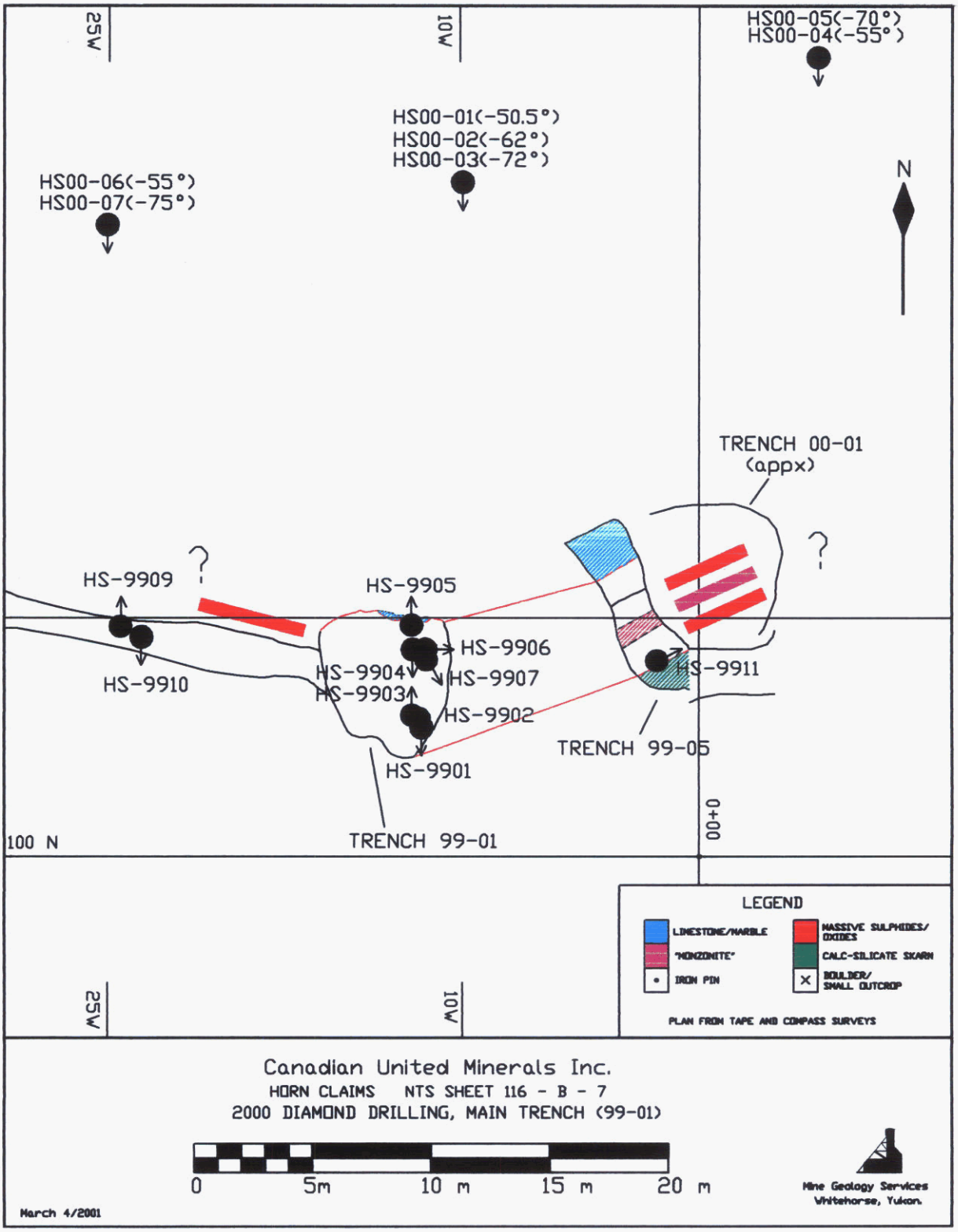
NTS: 116 B/7

Mining District: DAWSON

Job: 00-14 | Date: 31 JUL 00

AMEROK GEOSCIENCES LTD.

DRAWING 7



Canadian United Minerals Inc.

HORN CLAIMS NTS SHEET 116 - B - 7

2000 DIAMOND DRILLING, MAIN TRENCH (99-01)

0 5m 10 m 15 m 20 m

Mine Geology Services
Whitehorse, Yukon

March 4/2001

DRAWING #8

N

200 N
150 N
100 N
50 N
B/L
50 S
100 S

600 W 500 W 400 W 350 W 300 W 250 W 200 W 150 W 100 W 75 W 50 W 25 W 0+00 25 E 50 E 75 E 100 E 125 E 150 E 175 E 200 E 225 E 250 E 275 E

PERMIAN LIMESTONES AND METASEDIMENTS

MAINLY RUBBLE

? MONZONITE ?

PO BOULDER
0.151 oz/t Au

BEDDING IN LIMESTONE

PYRRHOTITE SKARN

TRENCH 00-01

TRENCH 00-02
PYRRHOTITE BOULDER

TRENCH 99-01

TRENCH 99-02

PYRRHOTITE PROJECTED

BACKFILLED TRENCH

TRENCH 99-03

TRENCH 00-03

po FLOAT

ROCKSLIDE

TRENCH 98-03

TRENCH 00-06

CAMP

TRENCH 00-07

TRENCH 00-05

TRENCH 00-04
TRENCH 98-08
TRENCH 98-09
TRENCH 98-10
TRENCH 98-11
TRENCH 98-12

TOE OF TERMINAL MORAINE

CREEK

POST #1
HORN 13

0 25 50 75 100 125 150 175 200 m

May 28/2001

LEGEND

- LIMESTONE/MARBLE
- METASEDIMENTS
- HORNFELS
- CALC-SILICATE SKARN
- MASSIVE SULPHIDES/ OXIDES
- 'MONZONITE'
- BOULDER/ SMALL OUTCROP
- IRON PIN

NOTE: SOME BOULDER TRAINS INTERPRETED AS OUTCROP.

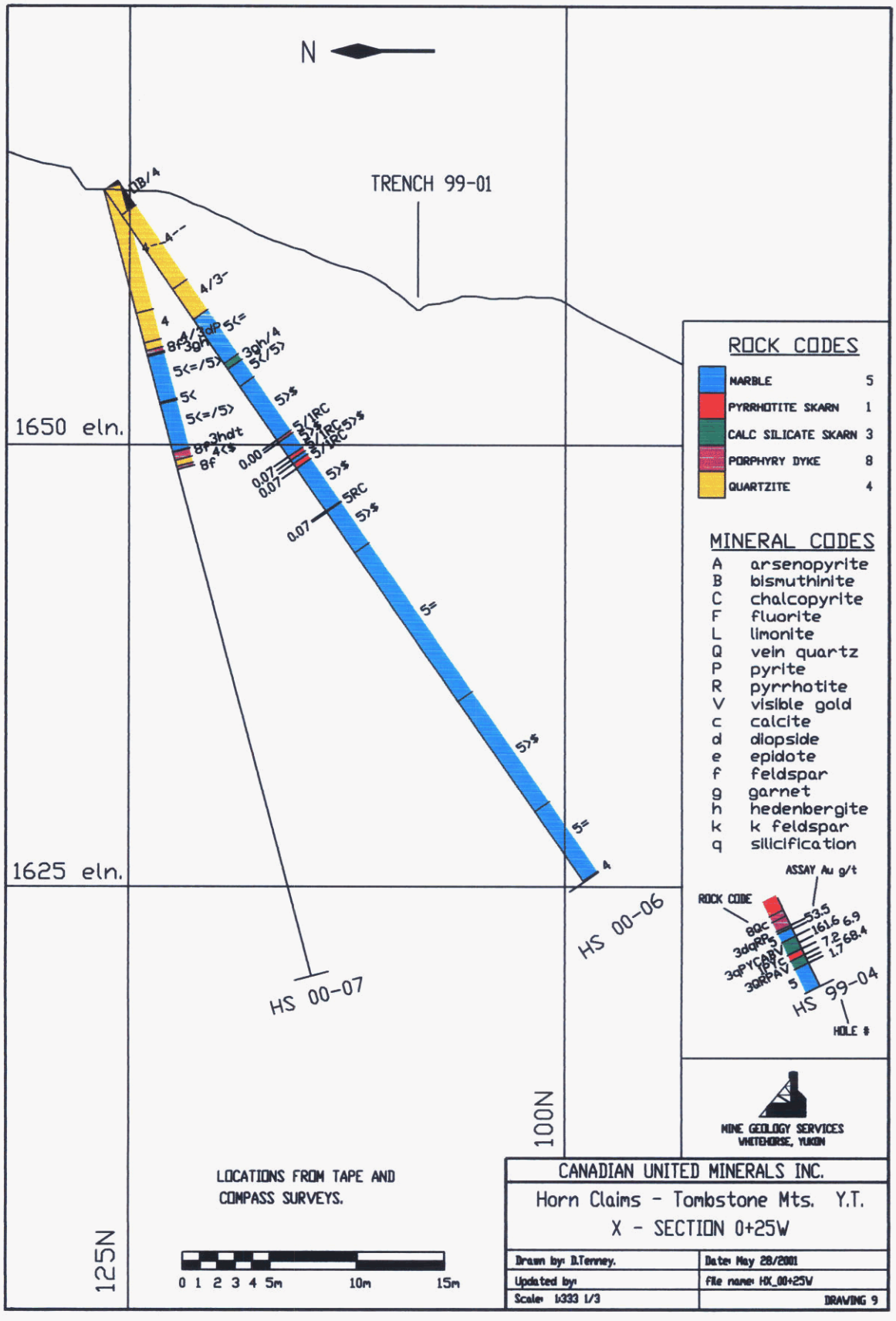
Canadian United Minerals Inc.

Horn Claims - NTS Sheet 116-B-7

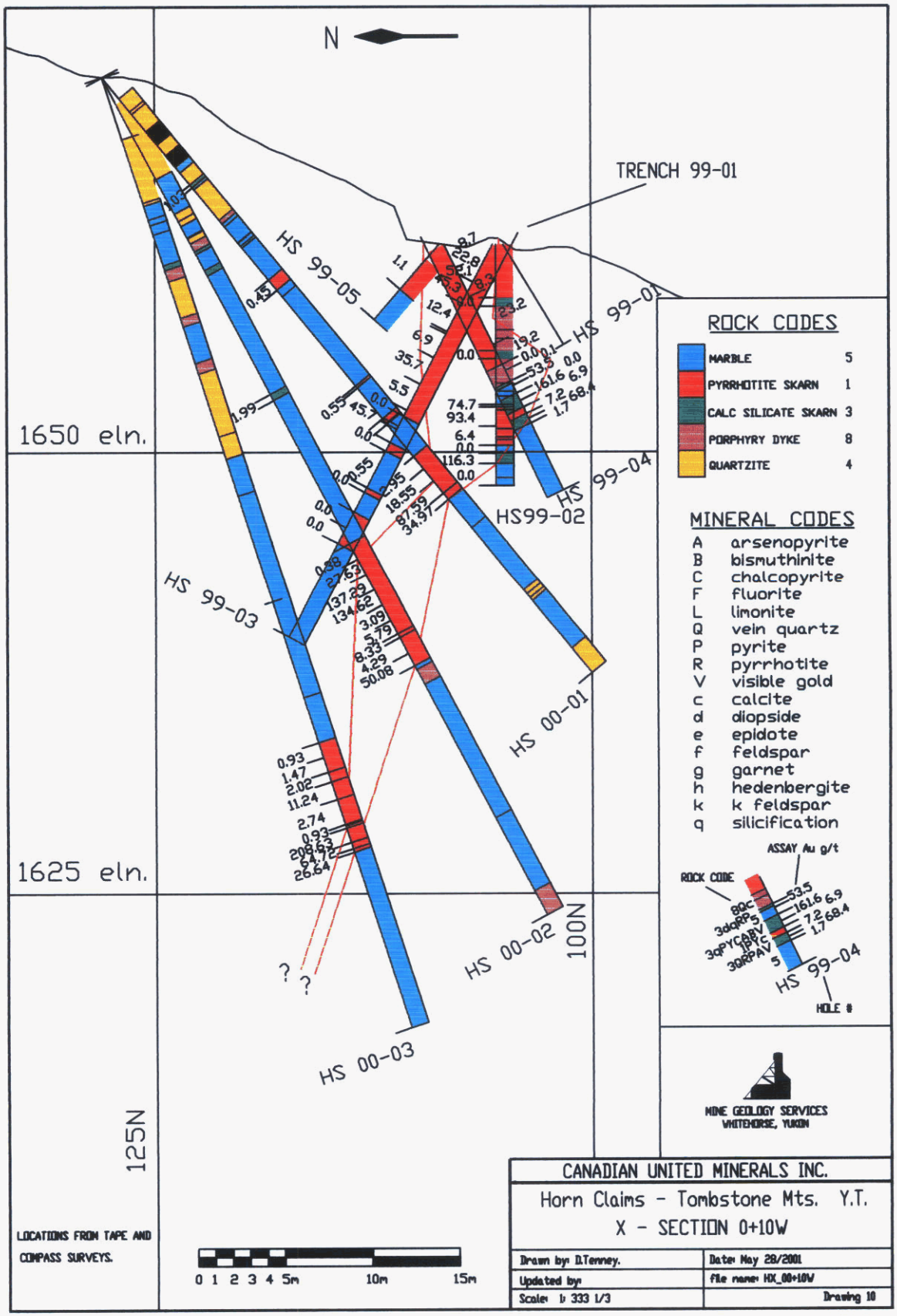
Geological Mapping - D. Tenney 1999 - 2000

Mine Geology Services
Whitehorse, Yukon.

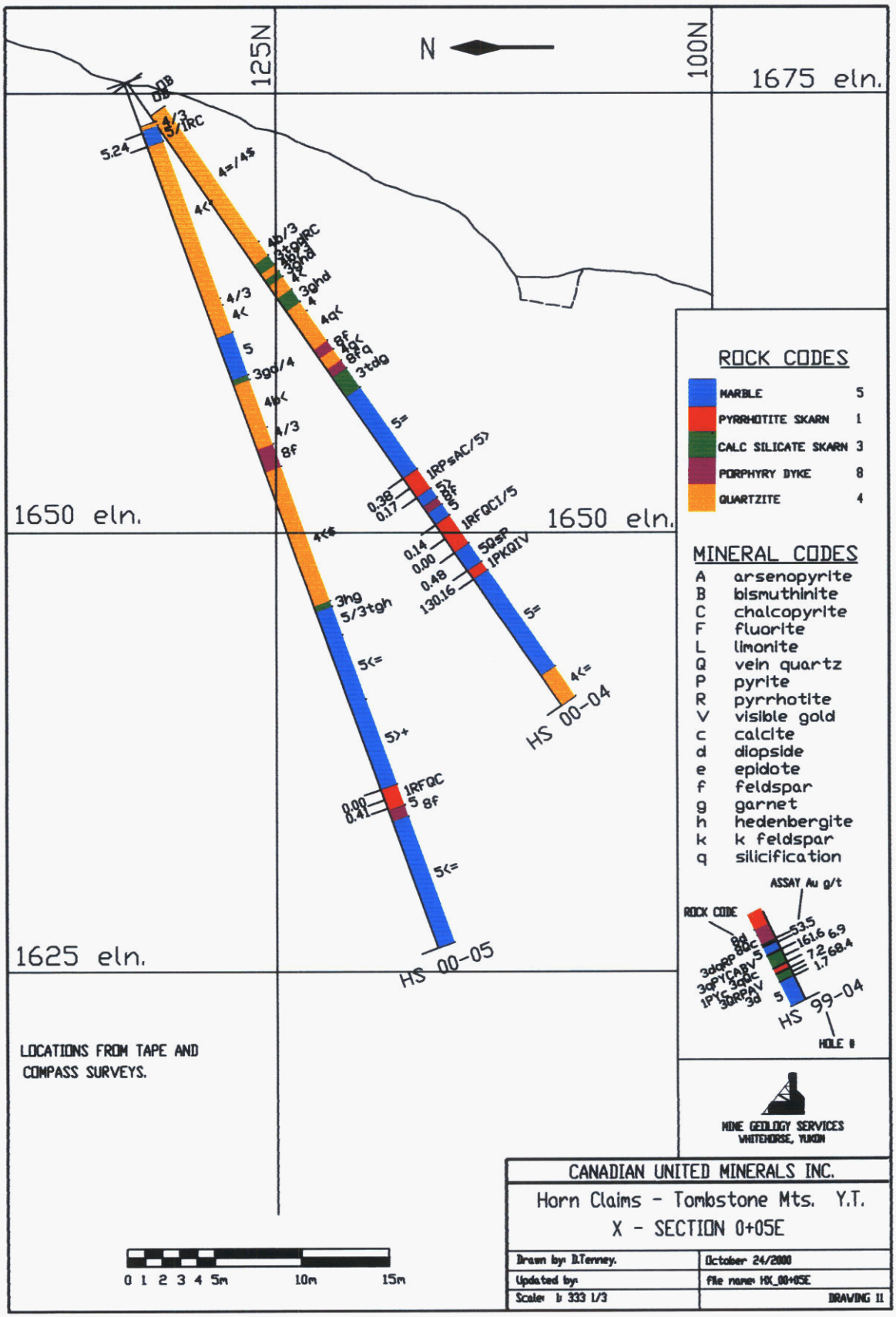
DRAWING #9


N
TRENCH 99-01
1650 eln.
1625 eln.
HS 00-06
HS 00-07
100N
125N
LOCATIONS FROM TAPE AND COMPASS SURVEYS.
0 1 2 3 4 5m
10m
15m
ROCK CODES
MARBLE 5
PYRRHOTITE SKARN 1
CALC SILICATE SKARN 3
PORPHYRY DYKE 8
QUARTZITE 4
MINERAL CODES
A arsenopyrite
B bismuthinite
C chalcopyrite
F fluorite
L limonite
Q vein quartz
P pyrite
R pyrrhotite
V visible gold
c calcite
d diopside
e epidote
f feldspar
g garnet
h hedenbergite
k k feldspar
q silicification
ASSAY Au g/t
ROCK CODE
53.5
161.6 6.9
7.2 68.4
1.7
HS 99-04
HOLE #
MINE GEOLOGY SERVICES
WHITEHORSE, YUKON
CANADIAN UNITED MINERALS INC.
Horn Claims - Tombstone Mts. Y.T.
X - SECTION 0+25W
Drawn by: D.Tenney.
Date: May 28/2001
Updated by:
File name: HX_00+25W
Scale: 1:333 1/3
DRAWING 9

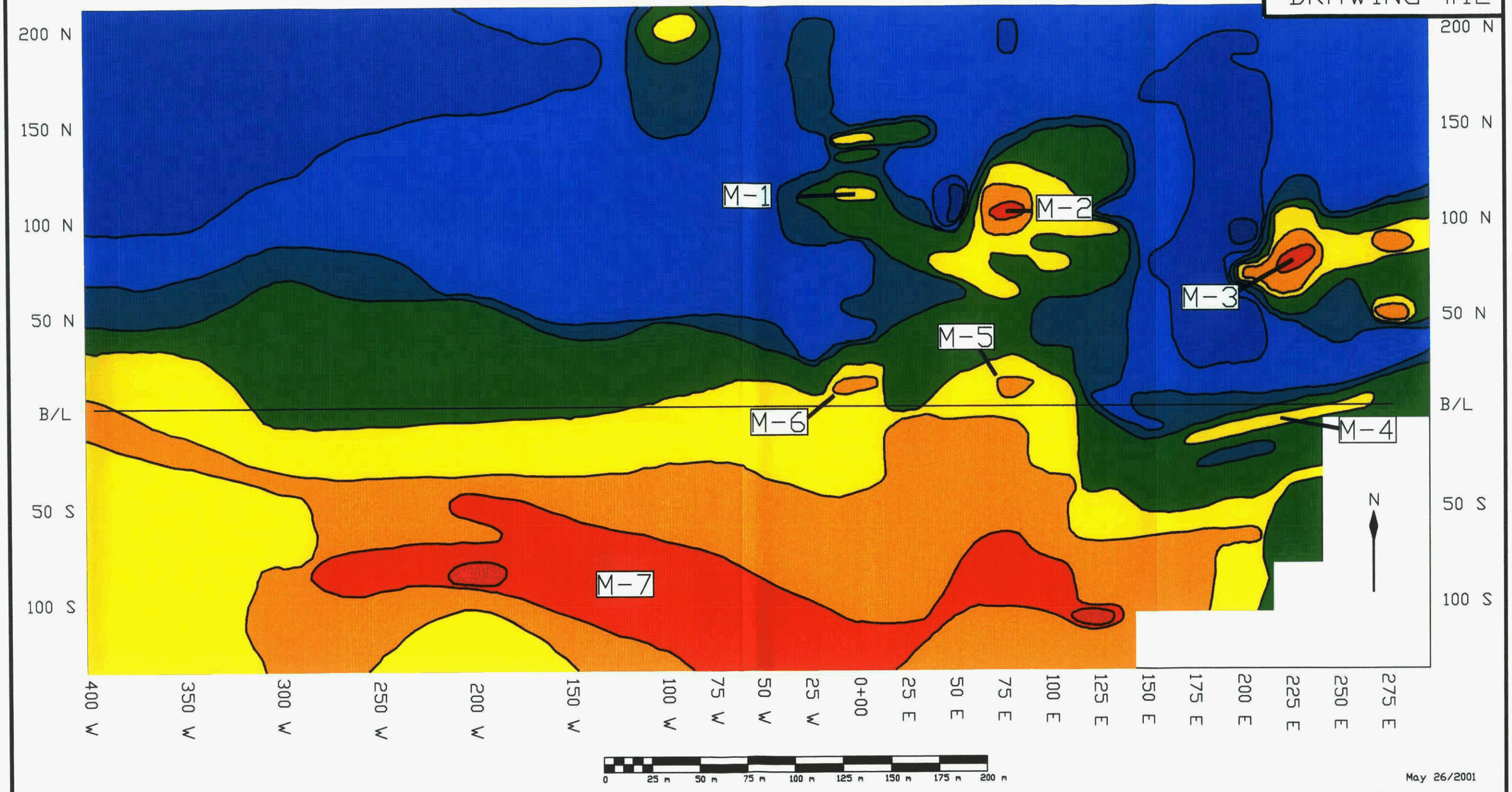
DRAWING #10


N
TRENCH 99-01
HS 99-05
HS 99-01
HS99-02
HS 99-04
HS 99-03
HS 00-01
HS 00-02
HS 00-03
100N
1650 eln.
1625 eln.
125N
? ?
ROCK CODES
MARBLE 5
PYRRHOTITE SKARN 1
CALC SILICATE SKARN 3
PORPHYRY DYKE 8
QUARTZITE 4
MINERAL CODES
A arsenopyrite
B bismuthinite
C chalcopyrite
F fluorite
L limonite
Q vein quartz
P pyrite
R pyrrhotite
V visible gold
c calcite
d diopside
e epidote
f feldspar
g garnet
h hedenbergite
k k feldspar
q silicification
ASSAY Au g/t
ROCK CODE
HOLE #
MINE GEOLOGY SERVICES
WHITEHORSE, YUKON
LOCATIONS FROM TAPE AND COMPASS SURVEYS.
0 1 2 3 4 5m
10m
15m
CANADIAN UNITED MINERALS INC.
Horn Claims - Tombstone Mts. Y.T.
X - SECTION 0+10W
Drawn by: D.Tenney.
Date: May 28/2001
Updated by:
File name: HX_00+10W
Scale: 1: 333 1/3
Drawing 10

DRAWING #11


125N
100N
N
1675 eln.
1650 eln.
1650 eln.
1625 eln.
HS 00-04
HS 00-05
HS 99-04
HOLE #
ROCK CODES
MARBLE 5
PYRRHOTITE SKARN 1
CALC SILICATE SKARN 3
PORPHYRY DYKE 8
QUARTZITE 4
MINERAL CODES
A arsenopyrite
B bismuthinite
C chalcopyrite
F fluorite
L limonite
Q vein quartz
P pyrite
R pyrrhotite
V visible gold
c calcite
d diopside
e epidote
f feldspar
g garnet
h hedenbergite
k k feldspar
q silicification
ASSAY Au g/t
ROCK CODE
LOCATIONS FROM TAPE AND COMPASS SURVEYS.
0 1 2 3 4 5m
10m
15m
MINE GEOLOGY SERVICES
WHITEHORSE, YUKON
CANADIAN UNITED MINERALS INC.
Horn Claims - Tombstone Mts. Y.T.
X - SECTION 0+05E
Drawn by: D.Tenney.
October 24/2000
Updated by:
File name: HX_00+05E
Scale: 1: 333 1/3
DRAWING #

DRAWING #12



May 26/2001

MAGNETIC CONTOURS - GAMMAS
(total field)

57,000 | 57,500 | 57,700 | 57,900 | 58,000 | 58,200 | 58,500 | 59,000 | 59,300 | 99,000

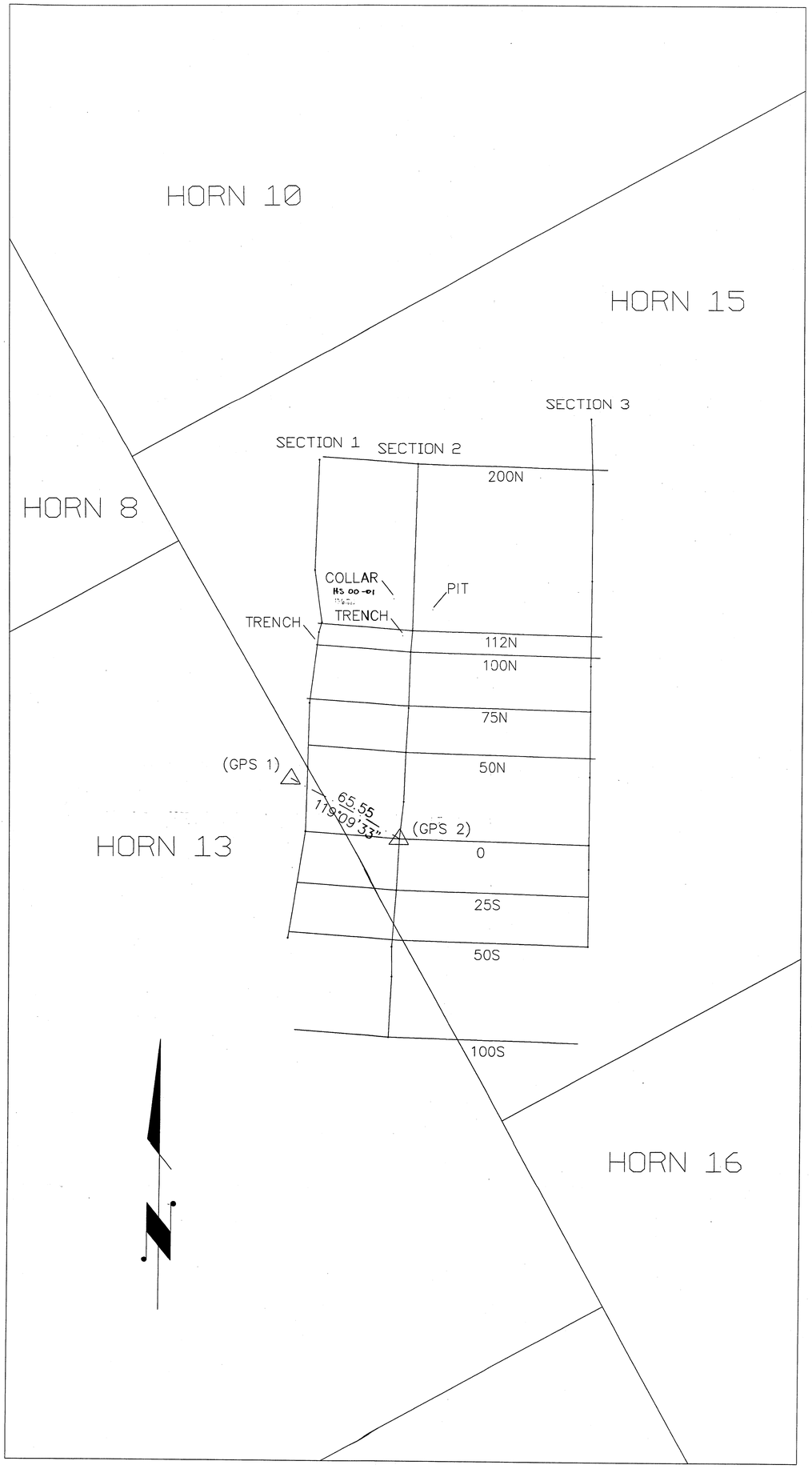
Plotted magnetic readings have 57,000 gamma deducted.

Canadian United Minerals Inc.

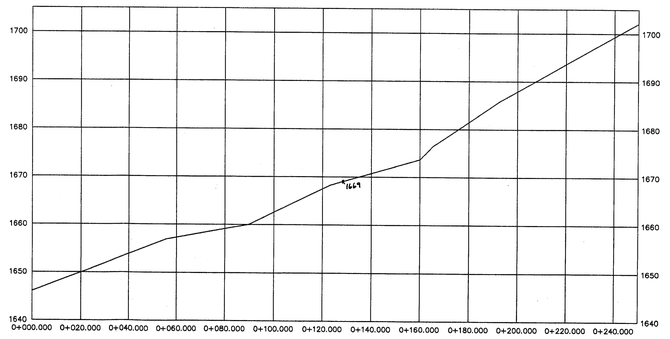
Horn Claims - NTS Sheet 116-B-7

Magnetometer Survey (Shawn Ryan) 1998

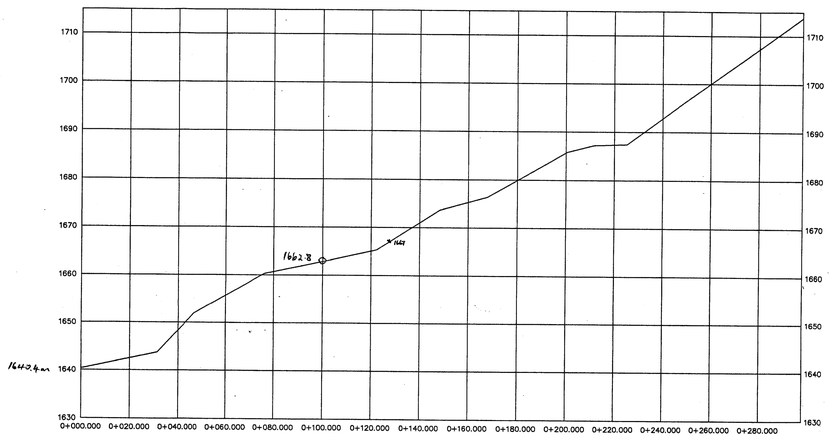
Mine Geology Services
Whitehorse, Yukon.



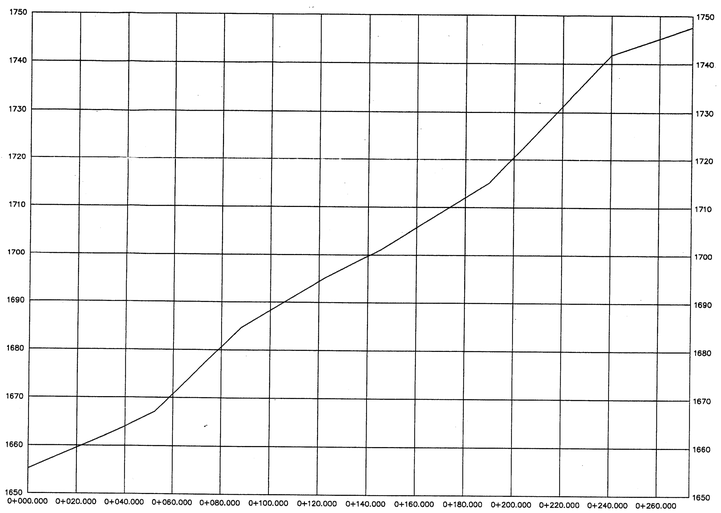
SECTION 1 PROFILE LINE 50+00W



SECTION 2 PROFILE LINE 0+00E/W



SECTION 3 PROFILE LINE 80+00E.



PLAN AND PROFILES OF SELECTED SECTIONS HORN CLAIMS QUAD 116 B/7 TOMBSTONE MOUNTAINS

094210

Yukon Territory

Scale: 1 : 1,000 (HRZ.)
1 : 500 (VRT.)

Date: Field data collected
July 24-26, 2000

All distances and elevations are expressed in meters.
Elevations are geodetic.

Prepared for :
CANADIAN UNITED MINERALS

Lamerton & Associates
Professional Surveyors Ltd.
Whitehorse, Yukon
File No. : 99028