

094020

TRENCHING / GEOCHEMICAL REPORT

on

HORN CLAIMS 1 - 18

YC03762 - YC03779

NTS 116 B - 7

Lat 64'26 North

Long 138'37 West

For: CANADIAN UNITED MINERALS INC.
DAWSON MINING DISTRICT

By: SHAWN RYAN

Work Performed July - October 1998

Report Submitted September 1999



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 \$ 9000.00.

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

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INTRODUCTION

Canadian United Minerals Inc. would like to file five years worth of assessment work on the Horn Claims, YC03762 - YC03779, 1 - 18. Canadian United Minerals Inc. has conducted a prospecting, hand trenching and Kubota trenching program during the summer and fall of 1998.

LOCATION

The Horn Claims are located 35 miles North East of Dawson City. The claims cover the head waters of the Blackstone River at an elevation of 5000 - 7000 feet.

ACCESS

Access is by skidoo during winter months from the Dempster Highway or by helicopter from Dawson City during summer months.

PROPERTY - GENERAL GEOLOGY

The Horn Claims cover an Xenolith of Permian Limestone situated in a Cretaceous Granodiorite called the Tombstone Batholith. A Pyroxene Skarn has formed along the limestone contact.

WORK HISTORY

Staking occurred during the winter of 1997. A small soil / rock survey was performed during the summer of 1997. The soil survey of 1997 found two high grade 18g/Tn, 22g/Tn Au soil sample. Both samples had Bi associated. I returned the summer of 1998 and performed a small survey to reaffirm 1997 values. The second soil survey confirmed earlier results. I returned in early August with two helpers and performed prospecting, trenching and a small magnetic survey. The hand trenching across high grade soil zone revealed a high grade Pyrrhotite, Copper, Gold, Bismuth Skarn. The company then proceeded to return at the end of September and set up a better fall camp and move in a Kubota KX-41 to perform excavator trenching on high grade Skarn zone. The assessment work filed will be on the late fall trenching program.

Geology

The general geology of the Tombstone area, including the structure and stratigraphy, can be found in the report by Bremner (1994) and also in many of the publications listed in the bibliography to his report.

The Horn claims cover a package of rocks in a thrust sheet bounded above and below, respectively, by the Robert Service and Tombstone thrusts. These thrusts are low angle and have a more or less northerly movement. The same thrust sheet also hosts the mineral deposits at Keno Hill silver camp further to the east. Neither thrust is exposed on the property, but it may be inferred that the Tombstone Thrust exists at depth. The Robert Service Thrust crops out further to the south and has been eroded in the vicinity of the Horn claims. It should be noted that these two thrusts were isoclinally folded before the intrusion of the Tombstone Plutonic suit took place.

The Horn Claims cover a part of a narrow roof pendant of Devonian to Jurassic age sedimentary rocks enclosed on all sides by a quartz monzonite of 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 strike east to west, parallel to the long axis of the pendant, and appear to dip at high angles (60 degrees?) to the north. The sedimentary sequence contains a layer of limestone of variable thickness of apparently up to about 200m. The limestone layer, which is extensively recrystallized and metamorphosed to marble, is a part of the Permian Tahkandit Formation. This rock, if projected down dip to the north, will be truncated against an intrusive contact unless it is first cut off by the Tombstone thrust. Stratigraphically above the limestone is a layer of Jurassic schist, and below it a layer of fine grained green Devono-Mississippian hornfels. The contacts between the limestone and the schist and the limestone and the hornfels are skarnified, and it is with these skarns that the gold mineralization is associated.

The main showing in trench 99-01 lies at or near the contact between the limestone and the schist . Massive to semi-massive pyrrhotite is exposed in a trench, along with pyrite, quartz and calc-silicate minerals. Less abundant minerals include calcite, epidote, chalcopryrite, bismuth (bismuthinite?), fluorite, arsenopyrite, sphalerite, and

galena. The contact between the limestone and the intrusive is not well exposed on the part of the property that has been investigated, but it can be inferred. It is not known if any of the intrusive is skarnified. A small feldspar porphyry dyke associated with the main showing appears, however, to be altered and skarnified in places.

The showing in trench 99-01 is open down dip. The projected distance from surface down dip to the intrusive contact where the limestone will be truncated is roughly estimated at nearly 600 meters, assuming a pendant 600m wide and intrusive contacts dipping at 60 degrees. None of these contact zones has been tested at a depth greater than twenty meters or so from surface, the greatest depth at which hole HS 99-03 intersected pyrrhotite skarn

The Marn deposit has similar mineralogy to the Horn, and the Little Chief deposit, mined by Whitehorse Copper Mines, has a similar geological structure: both are currently in use a geological models

The Marn deposit represents a style of mineralization similar to that found on the Horn claims as they are both pyrrhotite bearing pyroxene skarns containing high grade gold mineralization associated with subsidiary amounts of copper, silver, bismuth, tungsten, and zinc. (See report by Brown and Nesbitt). However, the Marn appears to be associated with a sill of Cretaceous monzonite rather than a roof pendant and it is therefore not considered a good model for structural purposes.

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

The Little Chief deposit on the Whitehorse Copper Belt is a skarn type deposit that lies in a roof pendant that apparently has many geological similarities to the structures seen on the Horn claims. Although the mineralogy at Little Chief is different (it is a copper bearing magnetite serpentine skarn) it is one of the deposits currently used as a model for the structure of the Horn roof pendant. The Little Chief deposit showed a remarkable increase in grade and width in some sections of the mine lower in the pendant where the

limestone and derived skarn were in closer proximity to the intrusive contacts. A similar improvement in the grade and width of mineralization might well be expected to occur deeper in the pendant on the Horn claims. Diamond drilling is needed to test the gold content of the skarn in these deeper target zones.

WORK PERFORMED / WORK METHOD

Canadian United Minerals has performed a major trenching program on the Discovery Zone. The company set up an insulated building (12x24) and flew in a Kubota KX-41 excavator. The company had three people drill, blast and excavate a trench 60' x 20" x 8" over a massive sulphide vein. The ore body exposed is 20 feet wide x 30 feet long and 8 feet deep.

I, Shawn Ryan took a 2 foot chip sample across the floor, across the west wall and across the east wall. We also tried drilling a 4 - 6 inch hole in the east wall and took drill powder as a sample to compare to chip samples.

INTERPRETATION

The fall trenching has uncovered a high grade massive pyrrhotite ore body. The massive pyrrhotite body uncovered is 30 feet long, 20 feet wide and at least 8 feet deep. The average gold value out of 24 two foot chip samples and 18 four inch drill powder samples were: .7 oz / Tn Au, .25% Cu and .13% Bi.

GEOLOGICAL IMPLICATIONS

The nature of the ore body has the same characteristics of the Marn Claim situated 5 miles NW of the Horn. The marn is massive pyrrhotite ore body running 8.6 g/Tn Au with 1% Cu and high Bi value. The Au average of the Horn seems to be a higher value than the Marn ore body.

CONCLUSION

Trenching has uncovered a nice High Grade Pyrrhotite Skarn. The Skarn is open east and west and continues at depth.

Trenching did reveal a Marn type ore body existing on the Horn Claims.

RECOMMENDATIONS

I would recommend geological mapping by a geologist. I would recommend an I.P. survey over the Skarn zone. My final recommendation would be to trench the lower contact zone with the Kubota.

ASSAY RESULTS

See appendix

ASSAY AREA MAP / PIT MAP

See appendix

COST

Blaster \$350.00/day x 14 days	=	4,900.00
Operator \$250.00/day x 14 days	=	3,500.00
Operator \$250.00/day x 14 days	=	3,500.00
Kubota \$45.00/hour x 150 hrs	=	6,750.00
Food \$25.00/day x 14 days x 3	=	1,050.00
Assay 42 x \$21.00	=	882.00
Helicopter	=	5,000.00
TOTAL		\$25,582.00

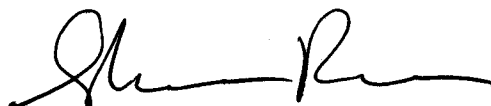
QUALIFICATION

I have been involved in the exploration business for the last seventeen years in Canada.

I have conducted soil survey, geophysical survey and have been a geologist assistant in a number of provinces and territories. I have supervised a number of geophysical crews and soil sampling programs in Ontario, Quebec , N.W.T. and Yukon.

I have been conducting exploration programs in the Yukon for the last five years.

I have a minor interest in the Horn 1 - 18 property and work as a contractor for Canadian United Minerals Inc.



Shawn Ryan, Prospector



Chemex Labs Ltd.

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* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9834252

SAMPLE	PREP CODE	Au ppb FA+AA	Au check	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
HOPIT B 0-2	205 226	1865	-----	-----	9.2	0.09	310	< 10	< 0.5	578	4.90	0.5	20	9	2120	>15.00	10	1	0.02	< 10
HOPIT B 2-4	205 226	9880	-----	-----	4.8	0.10	300	< 10	< 0.5	322	5.91	0.5	21	11	1700	>15.00	< 10	< 1	0.02	< 10
HOPIT B 4-6	205 226	>10000	-----	12.7	3.4	0.07	166	40	< 0.5	278	2.76	< 0.5	25	9	1925	>15.00	10	1	0.01	< 10
HOPIT B 6-8	205 226	>10000	-----	14.2	6.2	0.06	88	< 10	< 0.5	846	3.37	0.5	23	17	1995	>15.00	10	3	0.01	< 10
HOPIT B 8-10	205 226	>10000	-----	23.1	13.0	0.12	140	< 10	< 0.5	638	2.50	2.0	24	11	4660	>15.00	10	4	0.03	< 10
HOPIT B 10-12	205 226	>10000	-----	35.8	17.4	0.20	90	< 10	< 0.5	1345	3.05	2.5	16	27	1410	>15.00	10	2	0.06	< 10
HOPIT B 12-14	205 226	4420	8240	-----	3.8	0.06	8	< 10	< 0.5	44	1.23	< 0.5	25	13	2010	>15.00	10	3	0.01	< 10
HOPIT B 14-16A	205 226	3050	-----	-----	8.2	0.07	14	< 10	< 0.5	32	0.43	1.0	26	10	4550	>15.00	10	1	0.01	< 10
HOPIT B 14-16B	205 226	4980	-----	-----	15.8	0.07	50	< 10	< 0.5	Intf*	0.99	1.5	25	11	>10000	>15.00	10	1	0.01	< 10
HOPIT R-01	205 226	>10000	-----	287.2	>100.0	0.05	28	< 10	< 0.5	Intf*	0.68	7.5	28	8	>10000	>15.00	10	1	0.01	< 10
HOPIT R-02	205 226	>10000	-----	13.9	8.6	0.13	104	< 10	< 0.5	424	2.89	2.5	25	26	2620	>15.00	10	4	0.04	< 10
HOPIT W 0-2	205 226	1415	990	-----	5.8	0.02	86	< 10	< 0.5	186	0.40	1.0	26	19	2780	>15.00	10	< 1	< 0.01	< 10
HOPIT W 2-4	205 226	>10000	-----	39.4	10.2	0.03	84	< 10	< 0.5	638	1.32	< 0.5	27	14	3030	>15.00	< 10	3	< 0.01	< 10
HOPIT W 4-6	205 226	>10000	-----	13.2	7.4	0.01	74	< 10	< 0.5	402	0.79	2.0	30	12	4260	>15.00	10	< 1	< 0.01	< 10
HOPIT W 6-8	205 226	>10000	-----	57.5	31.4	0.08	76	10	< 0.5	Intf*	1.23	0.5	28	17	>10000	>15.00	< 10	1	0.02	< 10
HOPIT W 8-10	205 226	>10000	-----	51.2	28.6	0.12	58	10	< 0.5	2980	2.89	2.0	23	23	3600	>15.00	< 10	< 1	0.04	< 10
HOPIT 0-2	205 226	125	1575	-----	0.2	0.10	42	1240	< 0.5	10	>15.00	< 0.5	< 1	3	69	0.84	< 10	1	0.04	< 10
HOPIT 2-4	205 226	5490	3510	-----	4.4	0.04	4060	< 10	< 0.5	226	4.44	2.0	26	16	950	>15.00	10	3	< 0.01	< 10
HOPIT 4-6	205 226	740	560	-----	14.8	0.20	120	< 10	< 0.5	688	4.35	1.5	21	26	1840	>15.00	10	3	0.07	< 10
HOPIT 6-8	205 226	1195	140	-----	5.4	0.04	68	< 10	< 0.5	218	0.89	1.5	28	11	2850	>15.00	10	3	< 0.01	< 10
HOPIT 8-10	205 226	770	-----	-----	7.2	0.14	80	< 10	< 0.5	314	1.69	< 0.5	24	30	2290	>15.00	10	3	0.05	< 10
HOPIT 10-12	205 226	>10000	-----	95.2	33.4	0.23	56	10	< 0.5	3170	3.65	2.0	18	26	1990	>15.00	10	2	0.08	< 10
HOPIT 12-14	205 226	>10000	-----	144.2	34.0	0.19	110	< 10	< 0.5	3360	1.99	2.0	20	29	1670	>15.00	10	1	0.07	< 10
HOPIT 14-16	205 226	5970	6770	-----	9.4	0.07	42	< 10	< 0.5	216	0.78	0.5	26	24	3850	>15.00	10	3	0.01	< 10
HOPIT 16-18	205 226	3050	1440	-----	5.0	0.04	44	< 10	< 0.5	32	0.39	< 0.5	29	7	2380	>15.00	10	< 1	0.01	< 10
J-1	205 226	270	300	-----	5.2	0.04	38	< 10	< 0.5	238	4.18	< 0.5	20	17	2640	>15.00	< 10	4	0.01	< 10
J-2	205 226	1075	1010	-----	1.4	0.05	>10000	40	< 0.5	56	14.20	1.5	35	12	680	13.60	< 10	3	0.01	< 10
J-3	205 226	190	-----	-----	0.6	0.03	2600	80	< 0.5	8	>15.00	2.0	10	12	403	10.30	< 10	2	< 0.01	< 10
J-4	205 226	140	-----	-----	2.0	0.01	440	< 10	< 0.5	6	2.62	< 0.5	22	9	1595	>15.00	10	2	< 0.01	< 10
J-5	205 226	195	-----	-----	2.2	0.66	56	40	< 0.5	208	11.75	0.5	12	33	774	>15.00	< 10	1	0.28	< 10
J-6	205 226	535	-----	-----	18.8	0.17	60	< 10	< 0.5	1535	2.69	1.0	23	21	1990	>15.00	10	3	0.06	< 10
J-7	205 226	365	-----	-----	2.4	0.02	48	< 10	< 0.5	22	0.84	1.0	27	22	1875	>15.00	< 10	2	< 0.01	< 10
J-8	205 226	50	-----	-----	3.0	0.02	16	< 10	< 0.5	26	0.12	< 0.5	27	14	1890	>15.00	10	4	< 0.01	< 10
J-9	205 226	835	-----	-----	4.0	0.12	24	10	< 0.5	238	2.33	< 0.5	15	77	804	>15.00	< 10	< 1	0.04	< 10
J-10	205 226	>10000	-----	5.7	5.2	0.12	44	< 10	< 0.5	350	2.75	< 0.5	20	8	3240	>15.00	10	5	0.04	< 10
J-11	205 226	>10000	-----	55.9	24.4	0.30	56	< 10	< 0.5	3630	6.26	2.5	16	25	2830	>15.00	< 10	2	0.12	< 10
J-12	205 226	>10000	-----	546.4	69.2	0.41	148	< 10	< 0.5	>10000	3.48	2.5	14	44	996	>15.00	10	5	0.15	< 10
J-13	205 226	4460	3860	-----	2.2	0.03	32	< 10	< 0.5	174	0.71	2.0	23	13	1475	>15.00	10	3	< 0.01	< 10
J-14	205 226	7430	-----	-----	3.6	0.04	10	< 10	< 0.5	330	6.01	< 0.5	15	17	1475	>15.00	< 10	3	0.01	< 10
J-15	205 226	5910	4880	-----	13.6	0.07	< 2	< 10	< 0.5	164	1.17	< 0.5	25	24	4600	>15.00	10	2	0.01	< 10

Bottom of TRENCH 2FT
 1 CHIP SAMPLES
 WEST wall 2FT CHIP SAMPLES
 EAST wall 2FT CHIP SAMPLES
 DRILL POWDER 4-6" OFF THE EAST wall

CERTIFICATION: _____

* SOME SAMPLES IN THIS SET EXHIBITS A GOLD NUGGET EFFECT.



Chemex Labs Ltd.

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SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
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HOPIT B 2-4	205 226	0.06	1890	34	< 0.01	7	250	72	18	< 1	93	< 0.01	< 10	20	9	40	126
HOPIT B 4-6	205 226	0.04	780	20	< 0.01	8	60	40	18	< 1	26	< 0.01	< 10	30	7	< 10	150
HOPIT B 6-8	205 226	0.05	965	34	< 0.01	8	110	82	26	< 1	44	< 0.01	< 10	20	7	10	118
HOPIT B 8-10	205 226	0.04	790	28	0.02	9	160	182	50	< 1	21	< 0.01	< 10	30	9	180	238
HOPIT B 10-12	205 226	0.07	1430	15	0.01	9	90	604	90	< 1	36	< 0.01	< 10	20	15	130	472
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HOPIT B 14-16A	205 226	0.05	590	3	0.01	11	40	24	10	< 1	6	< 0.01	< 10	20	12	< 10	88
HOPIT B 14-16B	205 226	0.04	425	1	0.01	10	Intf*	24	18	< 1	17	< 0.01	< 10	10	9	110	172
HOPIT R-01	205 226	0.04	770	28	< 0.01	8	Intf*	742	116	< 1	7	< 0.01	< 10	30	7	< 10	700
HOPIT R-02	205 226	0.08	1305	37	0.01	7	60	184	40	< 1	39	< 0.01	< 10	20	11	10	68
HOPIT W 0-2	205 226	0.04	1230	8	0.01	9	30	68	18	< 1	7	< 0.01	< 10	20	4	< 10	158
HOPIT W 2-4	205 226	0.05	1350	27	< 0.01	8	100	192	34	< 1	18	< 0.01	< 10	10	5	100	98
HOPIT W 4-6	205 226	0.04	925	7	< 0.01	10	100	90	22	< 1	16	< 0.01	< 10	20	3	100	256
HOPIT W 6-8	205 226	0.04	750	31	0.01	8	Intf*	182	40	< 1	14	< 0.01	< 10	10	10	650	244
HOPIT W 8-10	205 226	0.05	1240	17	0.03	9	90	776	118	< 1	29	< 0.01	< 10	10	7	10	176
HOPIT 0-2	205 226	0.44	240	57	< 0.01	5	240	16	< 2	< 1	438	< 0.01	< 10	< 10	14	10	64
HOPIT 2-4	205 226	0.15	4350	10	< 0.01	7	100	124	26	< 1	75	< 0.01	< 10	10	5	< 10	50
HOPIT 4-6	205 226	0.20	1960	116	< 0.01	5	860	388	48	< 1	92	< 0.01	< 10	30	17	140	112
HOPIT 6-8	205 226	0.05	740	16	< 0.01	9	< 10	92	26	< 1	22	< 0.01	< 10	20	5	< 10	70
HOPIT 8-10	205 226	0.06	565	24	0.03	7	60	126	14	< 1	15	< 0.01	< 10	20	11	90	44
HOPIT 10-12	205 226	0.14	1850	13	< 0.01	8	40	1085	154	< 1	55	< 0.01	< 10	10	17	590	82
HOPIT 12-14	205 226	0.10	900	8	0.01	10	120	810	144	< 1	29	< 0.01	< 10	20	13	260	88
HOPIT 14-16	205 226	0.04	600	1	0.01	11	< 10	70	16	< 1	9	< 0.01	< 10	20	7	< 10	86
HOPIT 16-18	205 226	0.02	195	< 1	0.01	9	< 10	30	8	< 1	3	< 0.01	< 10	20	6	< 10	50
J-1	205 226	0.06	1790	62	< 0.01	9	120	78	22	< 1	56	< 0.01	< 10	10	5	< 10	82
J-2	205 226	0.09	4570	46	< 0.01	5	220	34	16	< 1	345	< 0.01	< 10	< 10	4	< 10	110
J-3	205 226	0.08	6110	8	< 0.01	5	80	16	8	< 1	482	< 0.01	< 10	< 10	4	< 10	236
J-4	205 226	0.04	1385	1	< 0.01	6	< 10	12	12	< 1	71	< 0.01	< 10	10	4	< 10	76
J-5	205 226	0.08	425	92	0.44	5	410	28	2	< 1	43	< 0.01	< 10	10	10	10	68
J-6	205 226	0.13	1710	28	< 0.01	7	1440	610	110	< 1	60	< 0.01	< 10	30	13	< 10	106
J-7	205 226	0.03	720	6	< 0.01	9	< 10	14	18	< 1	16	< 0.01	< 10	10	2	< 10	84
J-8	205 226	0.05	745	6	0.01	8	10	24	18	< 1	3	< 0.01	< 10	20	4	< 10	96
J-9	205 226	0.09	505	49	0.01	6	310	44	10	< 1	18	< 0.01	< 10	< 10	8	500	12
J-10	205 226	0.07	1300	6	< 0.01	8	160	140	46	< 1	37	< 0.01	< 10	20	11	70	228
J-11	205 226	0.10	1655	3	0.13	8	50	880	140	< 1	46	< 0.01	< 10	10	13	780	254
J-12	205 226	0.17	875	13	0.03	10	460	1640	366	< 1	30	< 0.01	< 10	10	25	70	34
J-13	205 226	0.03	350	< 1	0.01	12	10	36	26	< 1	15	< 0.01	< 10	20	3	< 10	198
J-14	205 226	0.06	1685	< 1	< 0.01	10	< 10	74	20	< 1	74	< 0.01	< 10	< 10	4	< 10	32
J-15	205 226	0.07	940	6	0.01	10	< 10	82	18	< 1	16	< 0.01	< 10	10	8	< 10	88

CERTIFICATION: *[Signature]*

* SOME SAMPLES IN THIS SET EXHIBITS A GOLD NUGGET EFFECT.



Chemex Labs Ltd.

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

To: CANADIAN UNITED MINERALS INC.

BOX 1260
 DAWSON CITY, YT
 Y0B 1G0

Page Number :2-B
 Total Pages :2
 Certificate Date: 02-NOV-1998
 Invoice No. : I9834252
 P.O. Number :
 Account : PRP

Project :
 Comments: ATTN: SHAWN RYAN

* PLEASE NOTE

CERTIFICATE OF ANALYSIS

A9834252

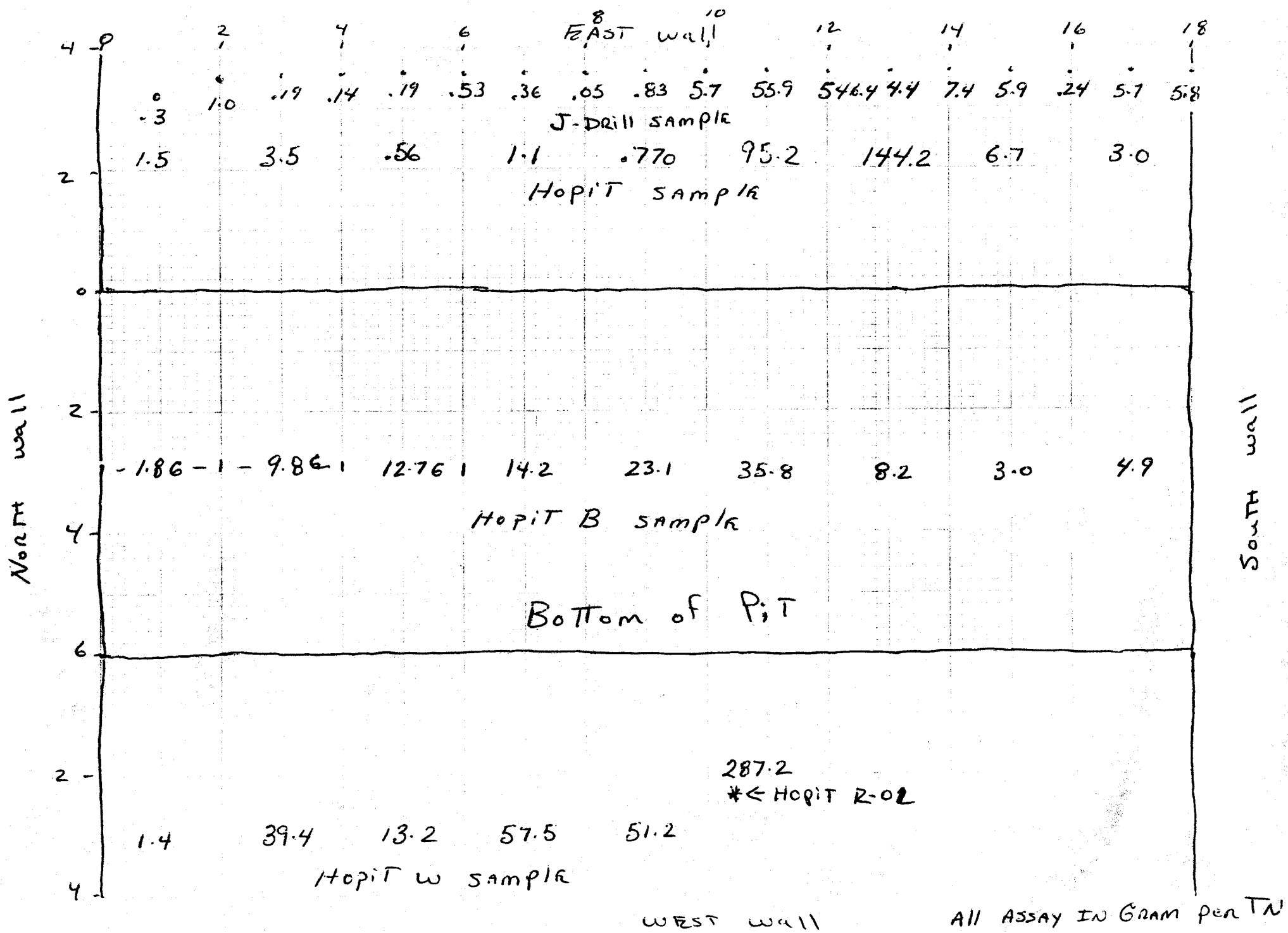
SAMPLE	PREP CODE		Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
J-16	205	226	0.01	120	< 1	< 0.01	10	< 10	12	8	< 1	5	< 0.01	< 10	20	3	< 10	78
J-17	205	226	0.03	180	3	0.01	11	< 10	24	16	< 1	5	< 0.01	< 10	20	7	< 10	66
J-18	205	226	0.07	1320	3	0.08	8	< 10	64	24	< 1	80	< 0.01	< 10	10	13	10	46

CERTIFICATION: Hart Richler

* SOME SAMPLES IN THIS SET EXHIBITS A GOLD NUGGET EFFECT.

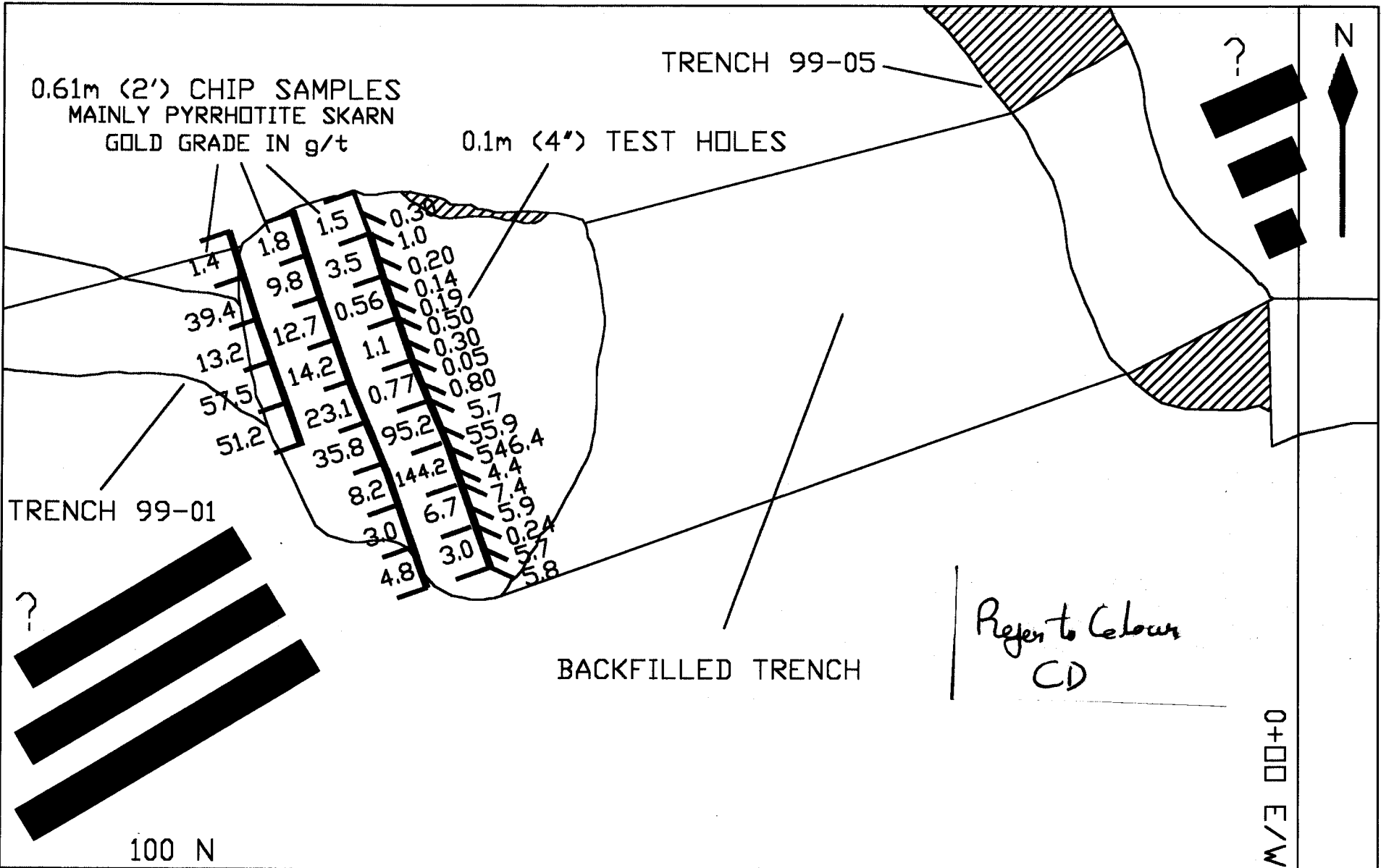
#12

TRENCH SAMPLE LOCATION MAP



WEST wall

ALL ASSAY IN GRAM PER TON



0.61m (2') CHIP SAMPLES
MAINLY PYRRHOTITE SKARN
GOLD GRADE IN g/t

0.1m (4") TEST HOLES

TRENCH 99-05

TRENCH 99-01

BACKFILLED TRENCH

Refer to Colour
CD

100 N

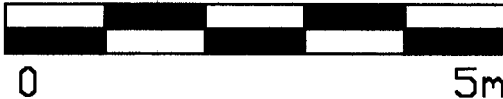
0+00 E/W

LEGEND

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

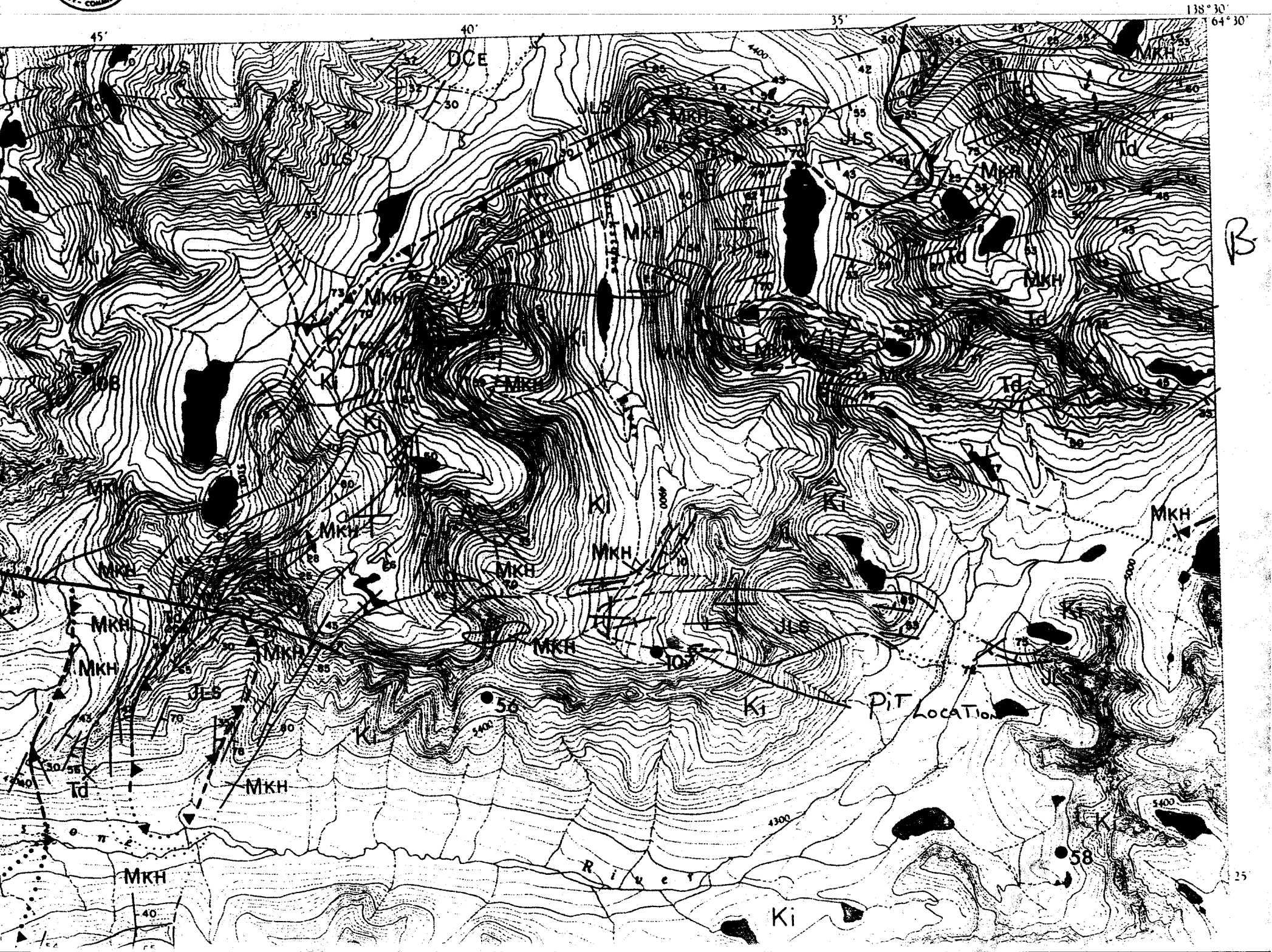
PLAN FROM TAPE AND COMPASS SURVEYS

Canadian United Minerals Inc.
HORN CLAIMS NTS SHEET 116 - B - 7
1998 SAMPLING, MAIN TRENCH (99-01)



October 22/99

Mine Geology Services
Whitehorse, Yukon.



South of Tombstone Thrust Fault

CRETACEOUS

- 926 Ki **Tombstone Plutonic Suite¹**: hornblende ± biotite alkali-feldspar syenite, hornblende-biotite monzogranite, with clinopyroxenite, hornblende diorite, tinguaita and biotite clinopyroxene monzonite near margins. **KI**: pseudoleucite tinguaita.

JURASSIC

- 935 JLS **'Lower Schist'**: black, graphitic slate with minor interbedded brown siltstone; brownish-green argillite at base; black, graphitic slate and phyllitic slate with lesser interbedded chert-pebble conglomerate and immature feldspathic subgreywacke in lower part; minor pale green siliceous phyllite in upper part.

TRIASSIC

- 947 Tj buff to brown weathering, thinly laminated and crosslaminated calcite-cemented quartz siltstone with interbedded greyish-brown shale; detrital muscovite ubiquitous².
- 908 Td brown weathering, dark green tholeiitic diorite³ and medium-grained gabbro; sheared and altered equivalents.

PERMIAN⁴

- 946 Pmc pale green and bright red phyllitic siliceous slate with minor pale green argillaceous chert.

LOWER CARBONIFEROUS

- 915 MKH **'Keno Hill Quartzite'**⁵: resistant, thick-bedded, massive fine-grained MKH orthoquartzite with lesser interbedded black slate. Includes undifferentiated MKHa and MKHb.
- 917 MKH1 black slate and phyllite with lesser greenish spotted slate; minor brownish quartz siltstone.
- 918 MKH2 buff weathering, brown, thick-bedded, fine-grained, sandy limestone with minor interbedded brown slate.

MIDDLE ORDOVICIAN TO MIDDLE DEVONIAN

ROAD RIVER GROUP

- 934 ODRR black shale, argillite and slate; interbedded chert and sandstone. Graptolite fauna, chiefly at base of chert beds (undivided). **Ba**: barite.
- 934d ORR black, medium bedded chert (Middle Ordovician).

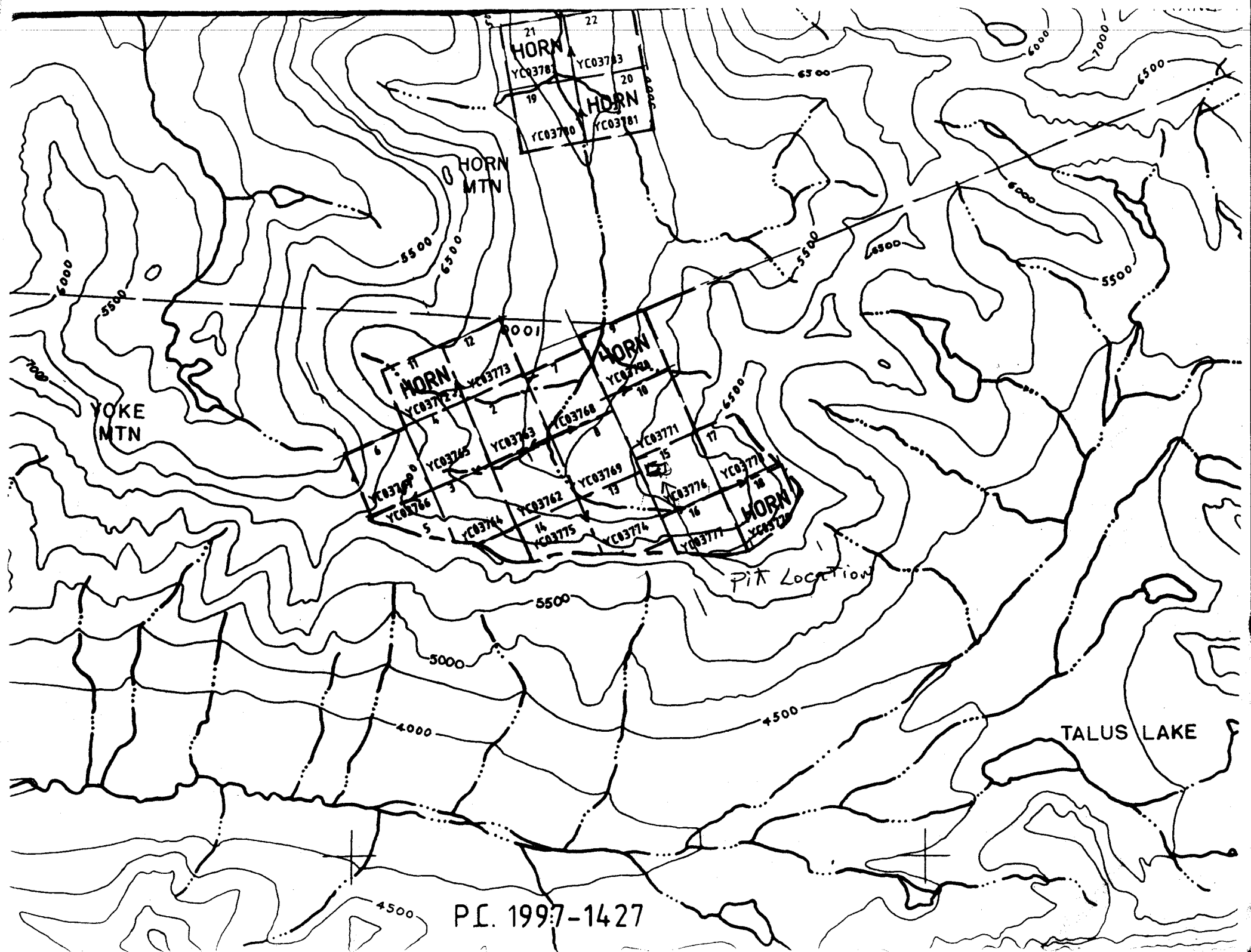
CAMBRIAN TO MIDDLE ORDOVICIAN

- 963 EOk green and brown siltstone, locally bioturbated; brown and green chert; grey, wispy laminated cherty argillite, carbonate breccia, thin-bedded limestone, silty limestone¹¹ (characteristic lithology of the Kechika Group in north-central B.C.).

PRECAMBRIAN AND LOWER CAMBRIAN

HYLAND GROUP¹⁴

- 930 PCH1 sandstone; gritty sandstone; argillite; chloritic schist.



21
HORN
YC03781
YC03783
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YC03781
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PIT LOCATION

PI. 1997-1427