IM

Summary Report

May 1-26 Quartz Claims
NTS 115-P-15

FOR

JOYCE TERMUENDE

By
Bernie Kreft

November 18th, 2000

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2000-
026
2000

2000-026

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History And Previous Exploration

Initially explored during the 1920's for silver-lead vein type mineralization. During 1971-1972 Quintana Minerals carried out mapping, soil sampling and ground magnetics over Zn/Cu/W/Sn/Au mineralized calc-silicate quartzite. Between 1977 and 1981, CCH Resources and Billiton Canada conducted extensive soil sampling and mapping programs directed towards assessing the tin and tungsten potential of the property.

The claims were re-staked during the fall of 1997 by the writer on behalf of the Eagle Plains/Miner River joint-venture. Rock samples taken at the time of staking returned values of up to 5.7 g/t Au from intrusive-hosted mineralization, while samples of actinolite skarn returned up to 6.6 g/t Au. Work during 1998 tested the gold potential of both showing types, and defined three areas worthy of follow-up: FM Zone (skarn), Cluster Zone (intrusive hosted) and Fringe Zone (skarn).

Location And Access

The property is located in the central Yukon Territory, approximately 45 kilometres north-west of Mayo. Topography is moderate with several small areas of extreme relief. Although the majority of the property is above tree line, outcrop exposure is poor due to extensive talus development. Access was by helicopter from Mayo. Several old bulldozer trails lead to the property, but they are all currently impassable.

Regional Geology

The May Project is located within the Selwyn Basin, a large sedimentary depocenter active from the Precambrian to the Mississippian. The mid-late Cretaceous Tombstone Suite (90-92 Ma), consisting of stocks, sills and dykes of granitic composition has been emplaced within these sediments. Tombstone Suite intrusives are commonly associated with bulk-tonnage gold targets within an east-southeast trending belt which extends from north of Dawson to the Yukon/NWT border, a total distance of almost 600 kilometres. Significant Yukon targets hosted by, or associated with, the Tombstone Suite include: Brewery Creek, Dublin Gulch, McQuesten/Wayne and Clear Creek.

Property Geology

Sedimentary strata consists of finely banded, buff to gray-green calc-silicate quartzite, tan to pale green micaceous quartzite, quartz-muscovite-chlorite schist, limy quartzite and rare phyllite belonging to the Mississippian,"Keno Hill Quartzite" and "Lower Schist" divisions. Lying to the south, in thrust fault contact with the Keno Hill Quartzite is gritty micaceous quartzite, quartz-muscovite schist and quartz-chlorite-muscovite-graphite schist of the Upper Proterozoic to Lower Cambrian Hyland Group. The thrust fault is likely the Robert Service Thrust, as units on either side of it correlate lithologically with those found on either side of the Robert Service Thrust in the Mayo Map area.

Intrusive to this sedimentary package is an elongate north-trending porphyritic hornblende biotite

granite to quartz monzonite body (Bos Stock). Recent U-Pb dating performed on the Bos Stock has returned an age of 92.9 +/- 0.3 Ma (Murphy/Heon Geoscience Map 1996-2). This places the Bos Stock within the bulk-tonnage gold prospective Tombstone Suite. Several small felsic intrusive bodies occur within sediments along the south and west contacts. Surrounding the stock is a moderate albite-epidote hornfels zone. Similar hornfels effects have also been noted in a band of rocks enveloping the thrust fault. Alteration of the stock includes chlorite veining, bleaching and manganese staining. Trace sericite also commonly occurs adjacent to fractures within the granite.

A geologic history of the area may be summarized as follows: 1) regional metamorphism and deformation of stratified rocks; 2) thrust fault development; 3) regional thermal metamorphism; 4) emplacement of the Bos Stock; 5) contact metamorphism/hornfelsing; 6) chloritization of calc-silicate rocks; 7) mineralization by hydrothermal fluids.

Mineralization

Potential for skarn hosted gold was first recognized by Quintana Minerals who received "attractive" assays for Au, Ag, Cu, Pb, Zn, Sn and W from interbedded actinolite skarn and mineralized calc-silicate quartzite in the FM zone (MIR 1971-1972 p. 20-21). During 1990, an actinolite-epidote skarn 1.6 kilometres to the southeast (Fringe Zone) was chip-sampled by INAC geologists, and returned an average of 0.065 oz/ton Au over a 15.0 metre width (Emond/Lynch Yukon Geology Volume 3, p.144).

Work at the Fringe Zone during 1998 returned an average grade of 1.63 g/t Au over 15.0 metres. Anomalous gold is commonly associated with anomalous values in Ag, Cu, Zn, As, Bi, Cd and W, with a near perfect, positive correlation between bismuth and gold. A total of 48 grid soils were taken at 30 metre by 30 metre spacings centered over the main showing area. Results show a well-defined, 140 metre long gold-copper-zinc soil anomaly open to the east. Bismuth in soil values were mostly below detection limit.

Detailed prospecting in 1999 showed that the skarn mineralization at the Fringe Zone is cut off in both directions along strike. Some hand trenching and rock sampling was conducted at the eastern extremity of the previously defined soil anomaly associated with this showing. This work was disappointing, with a maximum value of 233 ppb Au returned from the 8 samples taken.

The FM Zone consists of a mineralized sequence of interbedded actinolite skarn and calc-silicate quartzite, occurring over a 1200 metre by 400 metre area, paralleling the thrust fault. Grab samples from this zone reportedly returned "attractive" gold values. Soil geochemical results from previous programs show numerous copper and/or zinc anomalies in this area, with gold not analyzed for. Copper and zinc are two of the main pathfinders associated with the Fringe Zone mineralization.

Work in 1999 at the FM Zone consisted of prospecting, and resulted in 13 grab and chip samples. Gold results were disappointing, with a maximum of 101 ppb Au returned from a select grab sample. Most of the samples were anomalous in copper and zinc; these anomalous values help explain the previously existing copper and zinc soil anomalies.

The Cluster Zone was discovered during the 1997 staking. A total of 8 chip and grab samples taken from the immediate area returned an average value of 724 ppb Au (max. 2983 ppb Au), along with anomalous arsenic, bismuth and tungsten. A small soil grid at the showing returned some slightly anomalous results for gold, arsenic and tungsten. Metal values in soil were likely muted due to coarse granite boulder talus that covers much of the favourable area.

Work in 1999 consisted of detailed sampling in the vicinity of the Cluster Zone, as well as some prospecting of the outlying soil anomalies. Sampling confirmed that granite is consistently anomalous in gold (9 sample weighted average of 313 ppb Au over 7.3 metres) in the area of the Cluster Zone. Several narrow quartz arsenopyrite veins were discovered in this area, with a rep sample of a 5cm wide vein grading 0.267 oz/ton Au. Prospecting of the outlying soil anomalies was made difficult by the presence of large angular granite boulder talus covering the anomalies. Best results (4 samples: 361 ppb Au to 517 ppb Au) were returned from samples of clay and/or sericite altered granite which occur as small pieces and cobbles hidden within the boulder talus piles.

Follow-up work in 2000 consisted of detailed rock chip-sampling and prospecting of the Cluster Zone. This work consisted of a single line of samples (trending 255/75) taken approximately 2.0-5.0 metres down from the crest of the slope that cuts through the area of interest, along with some recon sampling approximately 75.0 metres downslope from this line. Each sample consisted of a 0.4 metre chip sample of large diametre talus (+ 0.5 metre wide), a 0.4m chip sample of several moderate sized talus pieces (between 0.1 metres and 0.5 metres in width) and several representative grab samples of small fragments (less than 0.1 metre in width) from the area of the chip samples. Samples were taken at 6.25 metre spacings in the main area of interest and at 12.5 metre spacings on the periphery.

Results from this work show that the portion of the line between 81.25 metres and 156.25 metres averages 209 ppb gold, along with highly anomalous arsenic, tungsten, antimony and bismuth. Also within the section, but not included within the average gold value, are several quartz-arsenopyrite veins averaging 5.0 centimetres wide and 5.0 g/t gold. Similar mineralization and gold grades were encountered in outcrop on the reconnaissance traverse 75.0 metres down-slope from the main sample line.

Mineralization consists of disseminations and fracture coatings of arsenopyrite. The predominant fracture set trends 204/24, which is roughly parallel to the long axis of the intrusion. Alteration is weak and consists of the development of clay, sericite and bleaching adjacent to most of the better-mineralized fractures and veins.

Geophysical Surveys

Aeromagnetic data (GSC Aeromagnetic Series sheet 115-P-15) shows a 2700m x 700m, 120 gamma low on the west edge of the stock roughly paralleling the thrust fault, centered over the FM zone. A ground based magnetometer survey verified the existence of the aero-mag low and showed it to cut across the thrust and overly both calc-silicate quartzite and Hyland Group sediments. The remainder of the project area contains only minor magnetic variations.

Conclusions

Existing skarn/replacement type mineralization does not have economic potential due to limited size potential and erratic grade. Mineralization at the Cluster Zone is hosted by granodiorite and consists of arsenopyrite occurring as disseminations and within veins and coating fractures. True thickness of the zone is approximately 50 metres. Sampling suggests an average grade of approximately 200 ppb gold. Some difficulty was encountered in trying to effectively sample the recessive weathering arsenopyrite-coated fractures; therefore it is thought that the grade will increase sub-surface, below the zone of weathering. The majority of the pluton remains to be tested for similar (Fort Knox style) mineralization. The lack of a large soil anomaly associated with the Cluster Zone is largely due to abundant boulder-sized talus masking bedrock; therefore even single point soil anomalies hosted by granite are worthy of follow-up.

Recommendations

Further work is recommended, and should consist of prospecting north and south of the Cluster Zone along the trend of the fracture zone that is thought to control the mineralization. If results continue to be encouraging, drilling and/or excavator trenching will be needed to fully evaluate this prospect.

Certification

I, Bernie Kreft, was present and witnessed the exploration work described herein. I have 14 years experience prospecting in the Yukon.

This report is based on fieldwork conducted or witnessed by myself, and includes information from assessment reports 091018, 090794, 090535, 090417 and 060145.

This report is based on work completed on the May 1-20 quartz claims.

Work was completed during the summer of 2000.

Respectfully Submitted,

Bernie Kreft

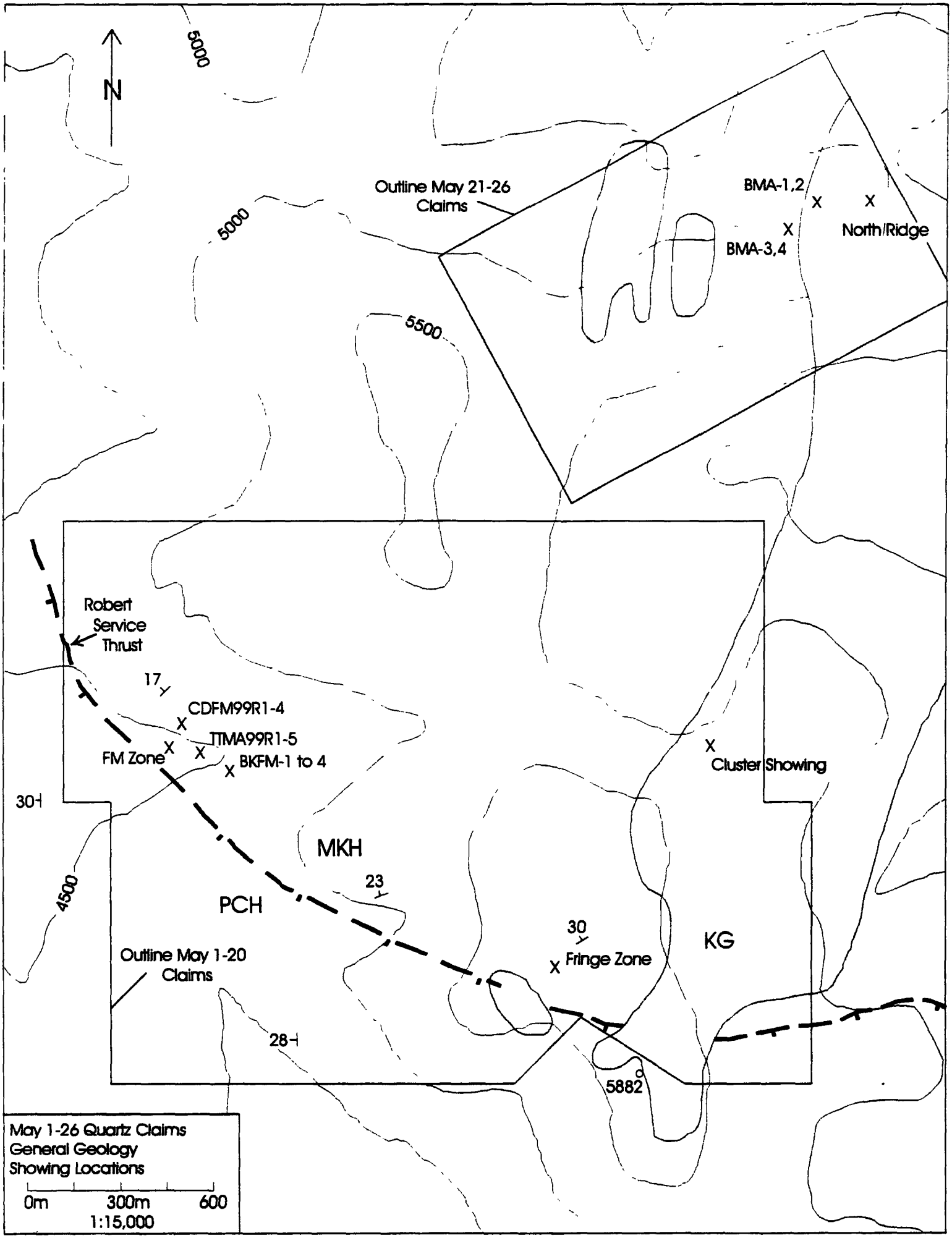
Rock Sample Descriptions

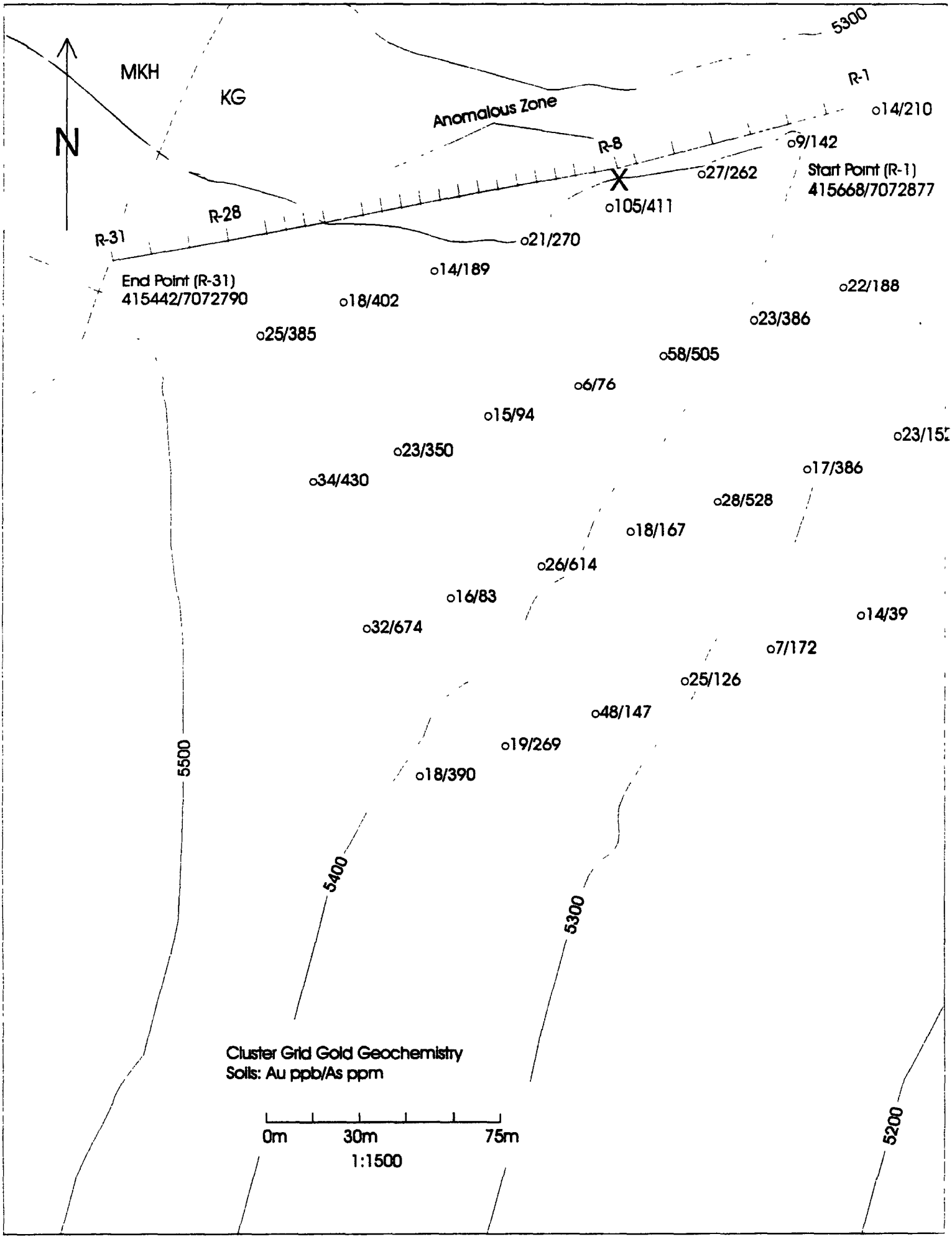
R-1 1.2m chip granodiorite (0.4m large talus, 0.4m medium sized talus and several small fragments)
R-2 as above and 12.5m from
R-3 as above
R-4 as above
R-5 as above
R-6 as above
R-7 as above
R-8 as above and 6.25m from
R-9 as above
R-10 as above
R-11 as above
R-12 as above
R-13 as above
R-14 as above
R-14A rep grab 5.0cm wide qtz-arsenopyrite vein
R-15 as per R-14 and 6.25m from
R-16 as above and 6.25m from
R-17 as above
R-18 as above
R-19 as above
R-20 as above
R-21 as above
R-23 as above and 12.5m from
R-24 as above and 6.25m from
R-25 as above
R-26 as above
R-26A as above
R-27 rep grab 6.0cm wide qtz-arsenopyrite vein
R-28 as per R-26A and 12.5m from
R-28A as above and 12.5m from
R-29 rep grab qtz arsenopyrite vein
R-30 as per R-28A and 12.5m from
R-31 as above and 12.5m from (sample is within 5.0m of contact with metasediments)
R-32 as above and about 60m directly downhill from above sample
R-32A at and as above
R-33 qtz-arsenopyrite vein at above
R-34 about 35m east of R-32 as per R-32
R-35 as above about 44m east
R-37 as above about 45m east
R-38 as above about 29m east
R-39 as above about 32m east

R-40 as above about 37m east
R-41 as above about 10m east
R-41A rep grab qtz-arsenopyrite vein at above
R-41B weakly developed qtz-arsenopyrite vein at above
R-42 1.2m chip about granodiorite about 100m directly above R-41 and about 30m directly downhill from R-4
R-42A 0.3m chip across 4.0cm wide weakly developed qtz arseno vein at above site
R-43 rep grab 4.0cm wide qtz arsenopyrite vein
R-44 rep grab of a 1.0cm wide qtz arseno vein and 9.0cm of wallrock
R-45 1.0m chip granodiorite with several arseno coated fractures

Costs

Wages B.Kreft (2 days x $375/day)	= $802.50
Wages P.Christensen (2 days X $175/day)	= $374.50
Truck rental (768 km x 0.42/km)	= $345.14
Food and Camp Supplies (4 man days x $35/day)	= $179.76
TNTA Heli Charter	= $1251.58
NAL assays	= $1255.11
Receiver General (renewals and groupings)	= $210.00
Report Writing (2 days)	= $802.50
TOTAL	= $5221.09


N
5000
5000
5500
Outline May 21-26
Claims
BMA-1,2
BMA-3,4
North/Ridge
Robert
Service
Thrust
17
CDFM99R1-4
TTMA99R1-5
FM Zone
BKFM-1 to 4
Cluster Showing
30
MKH
4500
23
PCH
30
KG
Fringe Zone
Outline May 1-20
Claims
28
5882
May 1-26 Quartz Claims
General Geology
Showing Locations
0m
300m
600
1:15,000


N
MKH
KG
Anomalous Zone
R-1
R-8
R-28
R-31
Start Point (R-1)
415668/7072877
End Point (R-31)
415442/7072790
14/210
9/142
27/262
105/411
21/270
14/189
18/402
25/385
22/188
23/386
58/505
6/76
15/94
23/350
34/430
17/386
28/528
18/167
26/614
16/83
32/674
14/39
7/172
25/126
48/147
19/269
18/390
5500
5400
5300
5200
Cluster Grid Gold Geochemistry
Soils: Au ppb/As ppm
0m
30m
75m
1:1500

CERTIFICATE OF ANALYSIS
iPL 00G0831

2036 Columbia Street
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

INTERNATIONAL PLASMA LABORATORY LTD

Client : Northern Analytical Laboratories
Project: W.O. 00080

50 Samples
50=Pulp

[083115:58:05:00080100]

Out: Aug 01, 2000
In : Jul 27, 2000

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
R - 1	P	0.7	60	122	166	3813	<	<	3	<	<	4.9	14	13	243	9	98	41	300	27	98	2	3	0.08	1.89	0.82	2.18	0.55	0.38	0.13	0.09
R - 2	P	0.4	34	84	97	803	<	<	2	<	<	3.4	10	4	326	9	101	41	294	33	90	2	3	0.12	1.54	0.68	2.10	0.55	0.49	0.13	0.07
R - 3	P	1.9	245	42	97	900	<	<	5	<	<	4.5	12	13	476	<	102	61	469	36	49	2	6	0.16	1.90	0.49	3.16	0.83	0.54	0.06	0.08
R - 4	P	0.3	27	40	113	218	<	<	2	<	<	3.9	11	10	586	46	98	54	448	32	91	2	5	0.13	1.83	0.71	2.32	0.82	0.48	0.09	0.07
R - 5	P	2.2	170	24	393	60	<	<	1	<	<	5.7	12	12	805	<	96	63	394	44	81	2	5	0.21	2.09	0.57	2.68	0.81	0.93	0.11	0.08
R - 6	P	4.6	90	69	136	1135	<	<	2	<	<	4.5	10	11	506	20	94	55	483	44	65	3	4	0.13	1.82	0.57	2.62	0.75	0.65	0.10	0.08
R - 7	P	0.3	51	24	90	1028	<	<	3	<	<	3.4	10	10	584	19	82	57	393	39	69	4	4	0.17	1.87	0.57	2.51	0.74	0.74	0.10	0.08
R - 8	P	0.3	78	15	231	9033	8	<	7	<	<	6.6	12	10	98	31	99	51	446	17	94	5	5	0.06	2.79	0.93	3.01	0.83	0.28	0.23	0.07
R - 9	P	0.3	71	20	126	1535	<	<	5	<	<	4.7	10	11	251	29	85	52	409	33	94	2	5	0.10	2.19	0.68	2.46	0.71	0.41	0.12	0.08
R - 10	P	0.2	54	13	99	4106	<	<	4	<	<	4.9	10	9	271	21	90	52	388	37	99	5	4	0.10	1.82	0.63	2.74	0.74	0.45	0.10	0.08
R - 11	P	0.3	39	21	155	6599	<	<	2	<	<	3.2	10	6	183	681	81	39	333	30	107	2	3	0.08	1.79	0.70	2.38	0.55	0.32	0.12	0.08
R - 12	P	0.2	40	16	106	1531	<	<	3	<	<	4.0	9	9	322	27	78	47	359	36	73	3	4	0.11	1.73	0.59	2.29	0.67	0.40	0.10	0.07
R - 13	P	0.1	59	18	334	975	<	<	5	<	<	7.6	9	12	187	36	121	46	413	28	117	2	4	0.10	2.26	1.06	2.38	0.68	0.38	0.22	0.08
R - 14	P	0.7	126	22	217	1.0%	8	<	3	<	<	7.4	16	10	163	114	75	51	459	28	41	3	5	0.09	1.72	0.45	3.24	0.75	0.40	0.07	0.09
R - 14A	P	60.1	2581	24	68	8.0%	17	<	3	<	10	7.5	15	3	<	314	72	21	20	11	85	5	2	0.03	0.33	0.06	6.87	0.02	0.13	0.01	0.05
R - 15	P	0.5	59	14	147	2235	<	<	3	<	<	5.1	12	11	577	18	104	63	483	41	91	2	5	0.18	2.20	0.74	2.93	0.87	0.81	0.13	0.08
R - 16	P	0.5	86	17	312	523	<	<	2	<	<	6.6	10	12	468	11	85	63	588	38	50	3	6	0.14	2.09	0.54	3.11	0.89	0.67	0.08	0.08
R - 17	P	0.4	50	20	132	4452	<	<	3	<	<	5.3	12	7	439	16	91	49	439	35	139	4	4	0.12	2.05	0.71	2.75	0.72	0.59	0.12	0.07
R - 18	P	0.9	167	17	210	1351	<	<	1	<	<	5.8	9	9	250	14	106	54	646	20	44	5	5	0.07	1.97	0.45	3.09	0.81	0.45	0.06	0.07
R - 19	P	0.8	202	10	289	440	<	<	11	<	<	7.1	5	6	117	577	110	48	404	24	38	5	6	0.05	2.07	0.41	3.18	0.67	0.42	0.05	0.07
R - 20	P	0.4	57	14	172	477	<	<	4	<	<	5.7	10	13	219	10	100	59	592	26	97	3	5	0.11	2.50	1.01	3.03	0.84	0.59	0.16	0.08
R - 21	P	0.7	68	15	138	1174	<	<	4	<	<	5.8	10	13	649	15	97	64	514	35	52	5	5	0.17	2.12	0.54	3.35	0.89	0.76	0.08	0.08
R - 23	P	0.3	67	14	311	839	<	<	4	<	<	7.6	10	9	488	52	127	61	548	34	101	4	6	0.15	2.18	0.62	3.08	0.87	0.66	0.10	0.08
R - 24	P	0.7	93	24	569	1257	<	<	3	<	<	13.2	13	13	463	39	116	66	555	32	66	2	6	0.16	2.31	0.58	3.41	0.90	0.72	0.09	0.08
R - 25	P	0.6	86	14	274	278	<	<	4	<	<	6.7	13	12	539	27	138	71	565	44	98	2	7	0.19	2.34	0.74	3.18	0.97	0.84	0.11	0.08
R - 26	P	0.3	92	13	325	127	<	<	3	<	<	8.9	11	11	513	<	112	74	502	32	95	3	6	0.18	2.22	0.61	3.20	1.00	0.71	0.08	0.08
R - 26A	P	0.4	68	15	134	101	<	<	2	<	<	5.1	10	15	493	7	112	71	465	28	44	3	7	0.18	2.24	0.52	3.12	0.98	0.71	0.07	0.08
R - 27	P	21.0	1989	29	131	7.0%	<	<	4	<	<	11.6	57	19	<	168	119	54	262	28	150	3	5	0.09	1.41	0.17	8.26	0.48	0.77	0.04	0.05
R - 28	P	0.3	67	12	181	612	<	<	3	<	<	4.7	10	9	558	<	109	62	443	33	71	4	4	0.17	1.94	0.53	2.62	0.83	0.72	0.09	0.07
R - 28A	P	1.9	170	12	277	1062	<	<	4	<	<	7.9	12	7	630	6	126	70	489	37	65	4	6	0.20	2.31	0.51	3.34	0.94	0.99	0.10	0.08
R - 29	P	15.4	1863	14	1447	4.5%	<	<	3	<	46	26.9	99	15	<	0.1%	107	46	248	31	168	5	5	0.09	1.27	0.16	6.53	0.42	0.69	0.03	0.06
R - 30	P	2.3	283	27	346	1000	<	<	3	<	3	10.8	15	13	326	173	104	60	627	33	39	7	6	0.10	1.99	0.37	4.75	0.90	0.47	0.05	0.07
R - 31	P	0.7	167	15	497	866	<	<	2	<	<	17.9	13	15	147	20	87	49	407	26	51	4	5	0.08	1.94	0.51	2.64	0 69	0.28	0.07	0.07
R - 32	P	0.5	115	11	220	152	<	<	4	<	<	6.2	12	12	473	66	132	73	658	38	85	2	7	0.15	2.42	0.72	3.23	1.13	0.67	0.12	0.09
R - 32A	P	2.2	198	13	214	273	<	<	1	<	<	6.6	11	11	481	13	117	65	522	39	67	3	5	0.17	2.11	0.56	3.42	0.94	0.72	0.09	0.07
R - 33	P	0.1m	15854	33	352	13%	8	<	4	<	133	17.9	40	6	<	66	107	26	39	9	38	6	1	0.01	0.33	0.04	12%	0.03	0.10	0.01	0.03
R - 34	P	0.6	239	10	274	3065	<	<	2	<	<	8.3	13	13	358	5	134	70	494	35	96	4	6	0.18	2.20	0.63	3.67	0.99	0.85	0.09	0.08
R - 35	P	7.7	1127	13	168	3010	<	<	1	<	35	7.6	13	12	115	17	113	76	521	40	48	6	7	0.19	2.16	0.44	4.34	0.99	0.79	0.06	0.08
R - 37	P	0.5	85	16	122	1179	<	<	5	<	<	5.1	11	13	222	11	113	61	545	35	189	2	6	0.13	2.34	0.86	3.27	0.88	0 51	0.13	0.07
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0 01	0.01	0.01	0 01
Max Reported*		99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp

CERTIFICATE OF ANALYSIS
iPL 00G0831

INTERNATIONAL PLASMA LABORATORY LTD
2036 Columbia Street
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: W.O. 00080

50 Samples
50=Pulp

[083115:58:05:00080100]

Out: Aug 01, 2000
In : Jul 27, 2000

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
R - 38	P	0.3	42	34	202	152	<	<	5	<	<	4.9	8	13	249	49	109	53	825	31	55	3	5	0.08	1.80	0.87	2.74	0.80	0.36	0.07	0.08
R - 39	P	0.2	46	10	160	1367	<	<	2	<	<	4.5	11	12	383	<	118	58	435	34	67	2	5	0.14	1.88	0.63	2.87	0.82	0.54	0.11	0.08
R - 40	P	6.0	147	593	302	400	<	<	3	<	<	12.3	13	12	348	14	116	60	511	35	99	1	5	0.14	2.25	0.80	3.00	0.87	0.78	0.15	0.08
R - 41	P	6.4	1104	26	135	5250	<	<	1	<	23	6.0	23	9	135	124	105	54	614	26	47	1	5	0.10	2.03	0.52	3.71	0.82	0.46	0.09	0.07
R - 41A	P	0.1m	6626	154	150	5.0%	<	<	5	<	<	12.7	19	11	<	262	102	20	201	9	30	2	1	0.01	0.59	0.07	7.59	0.23	0.07	0.01	0.03
R - 41B	P	1.3	95	10	45	7942	<	<	91	<	18	2.3	25	4	10	40	140	13	121	4	23	1	1	0.01	0.37	0.07	1.64	0.18	0.07	0.02	0.01
R - 42	P	0.3	66	18	81	1.6%	16	<	6	<	<	4.6	20	8	56	41	92	33	239	18	196	1	3	0.04	1.81	0.80	2.78	0.44	0.35	0.14	0.08
R - 42A	P	0.5	92	17	46	2.4%	21	<	2	<	<	4.8	28	9	31	28	87	27	217	19	121	2	3	0.02	1.31	0.51	3.10	0.30	0.14	0.08	0.06
R - 43	P	<	11	9	47	6191	6	<	10	<	<	2.5	14	5	104	10	101	16	269	8	48	1	2	0.02	1.26	0.68	1.56	0.37	0.19	0.14	0.02
R - 44	P	0.2	7	21	94	2.8%	26	<	8	<	<	4.8	16	11	35	344	91	48	273	17	96	1	4	0.07	1.97	0.88	3.51	0.62	0.57	0.15	0.07
R - 45	P	<	16	20	94	239	<	<	5	<	<	3.7	12	9	441	10	102	59	347	28	175	1	3	0.16	2.43	0.95	2.34	0.85	0.68	0.13	0.09
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0 01
Max Reported*		99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample P P In

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

27/07/2000 Certificate of Analysis

Bernie Kreft WO# 00080

Certified by

	Sample #	Au ppb
r	R-1	112
r	R-2	93
r	R-3	17
r	R-4	28
r	R-5	46
r	R-6	25
r	R-7	45
r	R-8	241
r	R-9	70
r	R-10	427
r	R-11	480
r	R-12	240
r	R-13	89
r	R-14	453
r	R-14A	1791
r	R-15	109
r	R-16	46
r	R-17	147
r	R-18	67
r	R-19	210
r	R-20	139
r	R-21	46
r	R-23	55
r	R-24	51
r	R-25	21
r	R-26	13
r	R-26A	19
r	R-27	442
r	R-28	27
r	R-28A	29

Northern Analytical Laboratories ltd.

YUKON ENERGY, MINES
& RESOURCES LIBRARY
PO BOX 2703
WHITEHORSE, YUKON Y1A 2C6

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

Bernie Kreft

WO# 00080

Certified by

	Sample #	Au ppb
r	R-29	515
r	R-30	46
r	R-31	19
r	R-32	6
r	R-32A	<5
r	R-33	702
r	R-34	24
r	R-35	83
r	R-37	23
r	R-38	8
r	R-39	24
r	R-40	26
r	R-41	153
r	R-41A	692
r	R-41B	1255
r	R-42	297
r	R-42A	405
r	R-43	237
r	R-44	437
r	R-45	18