

YUKON MINING INCENTIVES PROGRAM

FINAL WORK REPORT FOR 1995

GRANT APPLICATION # 95-044

DIAMOND HAWK CLAIMS 1-32 34-100

YUKON QUARTZ MINERAL CLAIMS

NTS SHEET 115-0-14

LATITUDE 63 48'N AND LONGITUDE 139 02W

FOR

OWNER

ROSALINE A. DEMARCO
819 - BALMORAL STR. S.E.
MEDICINE HAT, ALBERTA
T1A 0W6

BY

ROSALINE A. DEMARCO
FEBRUARY 25, 1996

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INTRODUCTION

THE ROSALINE DEMARCO, DIAMOND HAWK CLAIM GROUP

Diamond Hawk Claim Group is located on the south side slope of Quartz and Canyon Creeks, Dawson Mining District. N.T.S. sheet 145-0-14 approximate latitude 63 48'N and longitude 139 02'W. Access to the claim groups from Dawson City is 25 miles via the Bonanza - Eldorado - Calder - Quartz Creeks road. The property is adjacent to or overlays the Quartz Creek road (refer to claims location plan), Figure "1".

Rosaline Demarco, 819 Balmoral Street S.E., Medicine Hat, Alberta is the registered owner of the Diamond Hawk claims. The property owner has conducted the work requirements during the field season of 1995.

<u>Claims</u>	<u>Area</u>	<u>Grant No.</u>	<u>Date</u>
1-50			
Diamond Hawk	Quartz Creek	YB47828-59	Oct.25, 1993
1-100			
Diamond Hawk	Quartz Creek	YB47860 YB47926	Nov.20, 1993

The Diamond Hawk claim group is situated within an area of gold mineralization extending from the Buckland and Lone Star shear zones, Figure "2".

PROJECT PERSONNEL

Rosaline A. Demarco	Medicine Hat, AB.	Owner Main Prospector
Wayne Hawkes	Dawson City, YK.	Cat Operator Driller Prospector
Dales Leighton	Dawson City, YK.	Drillers Helper
Lucas Hawkes	Dawson City, YK.	Cat Operator

Regional Geology

The Ogilvie map area, containing the Klondike Gold Field, has not been glaciated. The ridge tops are rounded, of similar elevation, and contain no plateaus. This area includes long ridges with steep sides and narrow V-shaped valleys. The terrain in the Ogilvie area is described by H. S. Bostock as being at accordant summit level is defined as a level surface indicating that the hill tops or mountain summits, over a region, have approximately the same elevation. In a region of high topographic relief this suggests that the summits are remnants of an erosional plain formed in a previous erosion cycle. Also, the area can be described as being a summit concordance which is equal or nearly equal in elevation of ridge tops or mountain summits over the region. The concordance is thought to indicate the existence of an ancient erosional plain of which only scattered patches are preserved. The Tertiary period spans between 65 million years - Paleocene through to the Pliocene of 2 to 3 million years. The ancient Tertiary surface has since been cut to depths of 2,000 feet by the main drainage system. Outcrops are scarce in the area and are usually confined to ridge tops, stream-cut banks, stream beds and south-facing slopes. In places, rock fragments in the soil suggest the type of the underlying rock.

The quartz stringers and veins that occur in the metamorphic igneous or sedimentary source rocks of the Yukon Group are considered as the source of the gold in the Klondike, Sixtymile, Indian River, and Scroggie districts (W.E. Cockfield, 1921). The quartz stringers and veins that carried gold would probably be of different ages and not all quartz veins carried gold. The possible source of the veins could be from Permian (?) and/or Triassic (?) age granitic and ultra-mafic intrusives. The gold was concentrated in the creek and bench gravels by the disintegration, weathering and erosional process into the valley bottoms since the Tertiary time period 65 million years ago.

The oldest rocks in the area (Table of Formations) are Precambrian and later in age and consist of the Yukon Group - limestone, gneiss, quartzite, schist and slate - and the Klondike schist which contains sericite schist and minor chlorite schist. The aforementioned rocks are intruded by gneissic granite and ultra-mafic intrusives in part. Paleozoic, Mesozoic and Cenozoic aged sedimentary intrusive and extrusive rock types occur throughout the Ogilvie map area. Tertiary/Modern gravel stream deposits and Modern/Recent stream deposits are the source of the placer gold deposits within the Klondike district.

The older Yukon Group (Unit E-Bostock, 1942) (Schist Gneiss - D. J. Tempelman-Kluit, 1974) of rock consists mainly of mica schists, hornblende schists, chloritic schists, actinolite schists, cyanite schists, greenstone schists, schistose quartzites, schistose amphibolites, mica gneisses, hornblende gneisses, gneissoid quartzites, and crystalline limestone that is in parts dolomitic. Several of the schistose rock types have been metamorphosed gradually and pass into corresponding gneissoid varieties. Particularly there is a transition between a mica and hornblende schist into mica hornblende gneisses. The schistose and gneissoid rocks are reported by D. P. Cairnes to be mainly of sedimentary derivation, but that some of the rocks may be of igneous origin. Because of the folding, faulting, contortion and high degree of metamorphism of the origin source rocks, the original sedimentary and igneous rock types are indistinguishable in the field. The schistose rocks are associated gneissoid rocks and crystalline limestone are similar to the schistose rocks of the Klondike and in other of the more important gold producing districts of Yukon and Alaska. These Schist Gneiss group of rocks underlie the Indian River and Scroggie gold-bearing districts.

Quartz veins are abundant in the metamorphic rocks of the Yukon Group, they consist of the Pelly Gneiss, Schist Gneiss, Klondike Schist, Nasina Quartzite and a Foliated Biotite Granodiorite (D.J. Tempelman-Kluit, 1974).

The Klondike gold is thought to have been derived from the Klondike Schists. The Sixtymile gold source appears to be derived from the Nasina Quartzite and the gold source in the Indian River and Scroggie districts appear to be from a Schist Gneiss rock type that includes rocks of the Klondike Schists and Pelly Gneiss that are undifferentiated. Consequently, any of the members of the Yukon Group; Schist Gneiss, Klondike Schist or the Nasina Quartzite; probably contribute to the source of the placer gold, if gold carrying quartz veins have been injected into plains of foliation of the host rock. These Yukon Groups of rocks are a common factor in the Klondike and surrounding placer gold districts. The quartz veins are probably of different ages and possibly the vein material was injected into the host rocks from Permian (?) and/or Triassic (?) aged granitic or ultr-mafic intrusives.

Local Geology Quartz Creek

The Diamond Hawk claim group overlay Early Cretaceous and/or older Klondike Schist (Debicki OF Report 1985). Bedrock described in the Quartz Creek and claims area, by Debicki, consists of the following units:

(Refer to Bedrock Geology and Mineralization of the Klondike Area (West), 115 0 14, 15, and 116, B2 and 3.

By R. L. Debicki.

QS - Quartzofeldspatic Schistose Rocks

QSc - Buff weathering well foliated muscovite - feldspar - quartz schist, with quartz porphyroclasts

QSD - buff weathering well foliated muscovite - feldspar - quartz schist.

MS - Mafic Schistose Rocks

MSa - light to medium green and buff weathering chlorite - quartz schist

The lineation, foliation, jointing, dip and strike of the units are not apparent and require to be determined within the area.

Buckland/Lonestar Shear Zones

The Buckland and Lonestar shear zones (Arbor Resources) are two parallel zones that have been reported to occur in upper Eldorado Creek and Clader Summit areas. The shear zones and gold bearing and the gold-pyrite mineralization is possible related to lamprophyre rock types. The shear zones strike S E and possibly cross Quartz Creek near the confluence of Little Blanche Creek.

ROCK TYPES EXPOSED IN TRENCHES

Mafic Schistose Rocks:

Light to medium green and buff weathering quartz-chlorite schist to gneiss.

Dark green weathering chlorite schist.

Silvery green weathering actinolite chlorite schist.

Grey-brown weathering quartz - amphibole schist.

Quartz of Olospathic Schistose Rocks:

Buff to pale green weathering well foliated muscovite, feldspar - quartz schist with quartz and feldspar porphyroclasts and lithic fragments.

Also encountered in #3 Trench a quartz vein 60' wide.

Some quartz veins were encountered at depths of 15 feet to 90 feet.

ROCK SAMPLE DESCRIPTIONS

Grab rock samples taken from #5 Trench:

Light grey quartz-muscovite schist, rusty, tr-1% fine-grained weathered-out pyrite. Taken from east end of lower pit.

Black mica schist w/ white to light grey quartz along foliation and 1 - 2% fine to medium grained pyrite. Sample is mostly decomposed, consisting of loose dirt and chunks of rock. Taken from south wall of pit at the east end just above the edge of the tailings. Black mica schist contains some gold.

Very light greenish grey quartz-muscovite schist w/1% fine to medium grained pyrite as blebs. Taken from center of the pit.

Same as R2, but rusty, mostly quartz w/ minor greenish black mica. Taken from the west end of the pit in the north wall.

Light grey quartz vein in a rusty greenish grey quartz-muscovite schist w/1 - 2% pyrite along foliation. Taken from bedrock exposed above and north of main pit.

Greenish grey rusty muscovite-chlorite-quartz schist w/ 5 - 10% weathered out pyrite. From main pit?

TRENCHING WORK DONE 1995

Trenching locations are shown on Figure #3

Number 3 trench was excavated in 1994 exploration.

(YMIP Report 1994)

Number 4 trench (size 300'L. X 16'W. X 12'D.) was dug following the zone to the North East. Drilling was attempted in this trench, but due to the high water level of 20 feet in this trench. This trench is approximately 300 feet North East of trench #3.

Number 5 trench (size 100'L. X 16'W. X 6'D.). Samples were taken and assayed.

Number 6 trench (size 100'L. X 16'W. X 6'D.) A water pond beside the trench made it impossible to drill, however mineralization on top of the bedrock was excellent. Number 6 trench was approximately 500' to the South West of trench #3.

Number 7 trench (size 100'L. X 16'W. X 6'D.)

Mineralization was good, but water was hit at 30 feet. Three holes were drilled in this trench, water was hit in all three holes at 30 feet.

Number 8 trench (size 100'L. X 16'W. X 6'D.). A granite stringer was found while crosscutting this trench. This trench was drilled 100' North and 100' West of trench #1.

Number 9 trench (size 100'L. X 16"W. X 6"D.).

Number 10 trench (size 100'L. X 16'W. X 6'D.).

Number 11 trench (size 100'L. X 16'W. X 6'D.).

Trenches 9, 10, & 11 were dug approximately 200' East and 200' North of trench #8. These were dug on the South side of the main road. Samples taken for assay.

Number 12 trench (size 100'L. X 16'W. X 6'D.). This trench was dug at the junction of no-name gulch and Quartz Creek on the bench above the creek. Creek run-off and Placer Miner's settling pond was encountered below this bench and overburden above was deep.

An attempt was made to get the D8 to the circle target by way of this area, but due to the softness of the ground were unable to get to the target, "The Circle", with the 20' high tuft ring around it. This is on claim #76, Diamond Hawk. (See Figure #3).

Drilling and Assaying

Drilling was done by a Rotary Air Drill which drilled a 3 1/2" hole to a depth of 100' where possible. However, when water was encountered the hole had to be abandoned. Samples were taken at 5 foot intervals and sent to aActivation laboratories in Ancaster, Ontario for assaying.

Trenches numbers 3, 4, 5, & 7 were drilled to varying depths.

Trenches drilled:

#3 Main 94/95 - Hole #1 - 95 feet.

 Samples assayed every 5 feet.

 94/95 - Hole #2 - 80 feet.

 Samples assayed every 5 feet.

 94/95 - Hole #3 - 80 feet.

 Samples assayed every 5 feet.

 94.95 - Hole #4 - 80 feet.

 Samples assayed every 5 feet.

 94/95 - Hole #5 - 80 feet.

 Samples assayed every 5 feet.

#4 Trench - 2 holes and water at 20 feet - abandoned.

#5 Trench - Hole #1 - 80 feet.

 Samples taken at various depths.

 Hole #2 - 30 feet.

 Hole #4 - 35 feet.

 Hole #6 - 10 feet.

 Samples taken and assayed from holes #2, 3, 6, 7.

#7 Trench - 3 holes drilled to 30 feet, water encountered
- some samples taken and assayed.

Drilling sheet attached.

Specimens also sent for assaying from N.A.L.

- #1 Taken at No-name Creek.
- #2 Green rock from Trench #3.
- #3 Black graphite rock - main trench.
- #4 White Quartz - main trench.
- #5 Surface sample - trench #4.
- #6 Quartz rock - trench #12.
- #7 From upper trench #4 - rock with pyrites.
- #8 Trench #12.
- #9 Specimen from junction of No-name.

STATEMENT OF COSTS

Work performed on Diamond Hawk claims for the year 1995.

DBK	\$19,470.00
Rotary Drill	17,200.00
Main Prospector	4,500.00
D. Living	1,654.50
Vehicle	1,440.00
Main Prospector	4,500.00
D. Living	1,709.65
Postage	31.87
Assays	1,436.88
Report Y.M.I.P.	<u>1,000.00</u>
TOTAL	\$52,942.90

Rosaline A. DeMarco
Diamond Hawk Claims

RESULTS AND RECOMMENDATIONS

From the drilling results it appears this property may contain a massive gold bearing sulphide zone, which is open to the north-east, the south-west and open at depth.

The second target, "The Circle", with the 20 foot tuft ring around it, was impossible to reach due to the softness of the top soil. The top soil was soggy because of rain and heavy run-off from the surrounding hills.

From assay results on the samples taken from the weathered tuft ring, it also indicates that this is another gold bearing zone.

The assays taken at No-name and Quartz Creek also indicates a gold bearing zone.

Conclusions at this time, after 2 years of exploration, drilling and trenching with fair assay results and 13 trenches prepared for deep core drilling, it may appear attractive to a major mining company who have the expertise, resources and knowledge to develop this property.

The drilling, trenching and assay results indicate low-grade gold bearing zones on the Diamond Hawk Claims

An effort is being made to option the property. The owner would prefer further drilling and assaying and hope to do so independently in the future.

However, to date, approximately 14 files have been sent to major mining companies. Some files have been returned, but there is an interest.

Of course, a commitment cannot be made until the property is viewed in the spring.

More files will be sent to junior companies if necessary.

Document Separator

Start

Stop

Levels

	1	2	3	4	5	6	7	8
Binder								
Folder								
Staple								
Paper Clip								
Binder Clip								
Plastic Protector								
Elastic Bands	XX							
TABS								
OTHER _____								

Special Instructions:

Right
Pocket

~~R/K~~

APPENDIX 1

ASSAYS

ACTLABS**ACTIVATION
LABORATORIES LTD**

Invoice No.: 9023
Work Order: 9208
Invoice Date: 09-NOV-95
Date Submitted: 20-OCT-95
Your Reference: DH
Account Number: R002

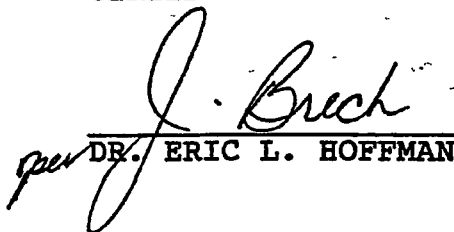
ROSALINE DE MARCO
P.O. BOX 371
DAWSON CITY, YUKON
Y0B 1G0

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	100.	PPM
BR	1.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
CS	2.	PPM	FE	0.02	%	HF	1.	PPM	HG	1.	PPM
IR	5.	PPB	MO	5.	PPM	NA	500.	PPM	NI	50.	PPM
RB	30.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	5.	PPM
SN	0.01	%	SR	0.05	%	TA	1.	PPM	TH	0.5	PPM
U	0.5	PPM	W	4.	PPM	ZN	50.	PPM	LA	1.	PPM
CE	3.	PPM	ND	5.	PPM	SM	0.1	PPM	EU	0.2	PPM
TB	0.5	PPM	YB	0.05	PPM	LU	0.05	PPM			

CERTIFIED BY :


per DR. ERIC L. HOFFMAN

Activation Laboratories Ltd. Work Order: 9208 Report: 9023

Sample description	AU PPB	AU 02/T	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM
95-5-1 30 TO 36	<5	<0.001	<5	4	650	<1	3	13	150	<2	3.80	3	<1	<5	<5	1.56	<50	45	1.6	18	<5	<0.01	<0.05	<1
95-5-1 50 TO 55	<5	<0.001	<5	5	410	<1	3	20	50	<2	6.26	2	<1	<5	<5	1.93	<50	<30	1.9	25	<5	<0.01	<0.05	<1
95-5-1 60 TO 65	5	<0.001	<5	3	670	<1	2	15	25	<2	5.15	3	<1	<5	<5	1.50	<50	33	1.9	20	<5	<0.01	<0.05	<1
95-5-1 75 TO 80	<5	<0.001	<5	4	920	<1	2	12	12	<2	4.27	4	<1	<5	<5	0.79	<50	36	2.1	18	<5	<0.01	<0.05	<1
95-5-2 25 TO 30	15	<0.001	<5	5	660	<1	4	21	82	<2	5.81	2	<1	<5	<5	1.25	<50	37	2.5	27	<5	<0.01	<0.05	<1
95-5-4 30 TO 35	10	<0.001	<5	5	580	<1	2	23	60	<2	6.67	3	<1	<5	<5	1.81	<50	<30	3.0	29	<5	<0.01	<0.05	<1
95-5-6 0 TO 5	15	<0.001	<5	56	830	2	<1	17	150	<2	5.94	4	<1	<5	<5	2.05	<50	<30	2.2	30	<5	<0.01	<0.05	<1
95-5-6 5 TO 10	9	<0.001	<5	100	630	<1	<1	9	110	<2	6.83	3	<1	<5	11	2.52	<50	76	4.2	35	<5	<0.02	<0.05	<1
95-7-1 30 TO 35	14	<0.001	<5	6	1300	<1	4	42	1100	<2	6.75	2	<1	<5	<5	0.97	190	<30	3.4	35	<5	<0.01	<0.05	<1
95-7-2 20 TO 25	7	<0.001	<5	6	1100	<1	4	18	86	<2	5.06	3	<1	<5	<5	0.80	<50	63	2.7	22	<5	<0.01	<0.05	<1
95-7-2 25 TO 30	7	<0.001	<5	4	740	<1	3	17	300	<2	3.78	3	<1	<5	<5	0.43	<50	56	1.8	15	<5	<0.01	<0.05	<1
95-7-3 20 TO 25	10	<0.001	<5	4	2400	<1	5	23	190	<2	5.67	3	<1	<5	<5	1.05	190	<30	2.4	26	<5	<0.01	<0.05	<1
95-7-3 25 TO 30	7	<0.001	<5	4	1200	<1	4	31	560	<2	6.22	2	2	<5	<5	1.13	<50	<30	2.4	28	<5	<0.01	<0.05	<1

Activation Laboratories Ltd. Work Order: 9208 Report: 9023

Sample description	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
95-5-1 30 TO 36	5.0	1.4	4	<50	15	32	13	2.7	0.8	<0.5	2.2	0.35	43.88
95-5-1 50 TO 55	2.8	2.0	<4	97	10	23	10	2.5	0.9	0.5	2.5	0.37	42.45
95-5-1 60 TO 65	4.2	2.1	5	<50	13	26	13	2.9	0.9	<0.5	2.7	0.47	41.39
95-5-1 75 TO 80	4.2	0.9	7	<50	13	30	12	2.8	0.8	<0.5	2.6	0.44	44.51
95-5-2 25 TO 30	3.0	1.2	<4	<50	11	25	10	2.7	0.9	<0.5	2.5	0.39	42.21
95-5-4 30 TO 35	3.5	<0.5	<4	93	13	29	15	3.3	1.0	<0.5	2.8	0.44	40.53
95-5-6 0 TO 5	10	2.3	<4	<50	15	35	15	3.5	1.1	0.8	2.7	0.42	35.43
95-5-6 5 TO 10	10	2.4	<4	222	13	29	12	2.9	0.9	<0.5	2.9	0.39	39.69
95-7-1 30 TO 35	1.2	<0.5	<4	172	5	12	<5	2.3	0.9	0.6	2.2	0.36	37.68
95-7-2 20 TO 25	5.8	1.8	6	146	18	41	19	4.1	1.2	<0.5	2.9	0.44	40.06
95-7-2 25 TO 30	6.9	2.9	7	<50	20	43	14	3.3	1.0	0.9	2.2	0.34	38.41
95-7-3 20 TO 25	2.4	2.5	<4	180	10	22	11	3.2	1.1	0.9	3.1	0.38	39.09
95-7-3 25 TO 30	2.1	0.8	<4	226	8	24	12	2.8	1.1	0.6	2.6	0.40	36.04

ACTLABS**ACTIVATION
LABORATORIES LTD**

Invoice No.: 9142
Work Order: 9263
Invoice Date: 10-NOV-95
Date Submitted: 27-OCT-95
Your Reference: NONE
Account Number: 1369

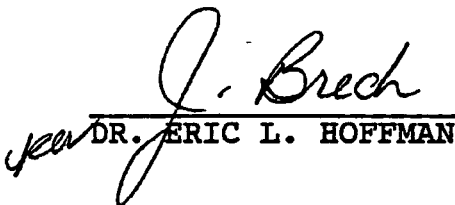
ROSALINE DE MARCO
P.O. BOX 371
DAWSON CITY, YUKON
Y0B 1G0

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	100.	PPM
BR	1.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
CS	2.	PPM	FE	0.02	%	HF	1.	PPM	HG	1.	PPM
IR	5.	PPB	MO	5.	PPM	NA	500.	PPM	NI	50.	PPM
RB	30.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	5.	PPM
SN	0.01	%	SR	0.05	%	TA	1.	PPM	TH	0.5	PPM
U	0.5	PPM	W	4.	PPM	ZN	50.	PPM	LA	1.	PPM
CE	3.	PPM	ND	5.	PPM	SM	0.1	PPM	EU	0.2	PPM
TB	0.5	PPM	YB	0.05	PPM	LU	0.05	PPM			

CERTIFIED BY :


DR. ERIC L. HOFFMAN

Activation Laboratories Ltd. Work Order: 9263 Report: 9142

Sample description	AU PPB	AU %T	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM
495-3-4 0-5	2600	0.076	<5	4	650	<1	<1	29	16	<2	7.66	3	<1	<5	<5	2.48	<50	<30	1.6	32	<5	<0.01	<0.05	<1
495-3-4 5-10	759	0.022	<5	6	480	<1	<1	26	15	<2	6.72	3	<1	<5	<5	2.78	<50	<30	1.8	29	<5	<0.01	<0.05	<1
495-3-4 10-15	45	0.001	<5	4	360	<1	<1	25	15	<2	6.91	2	<1	<5	<5	3.11	<50	<30	1.2	28	<5	<0.01	<0.05	<1
495-3-4 15-20	129	0.004	<5	<2	330	<1	<1	23	13	<2	6.10	2	<1	<5	<5	3.12	<50	<30	1.3	25	<5	<0.01	<0.05	<1
495-3-4 20-25	1100	0.032	<5	<2	620	<1	<1	23	44	<2	6.14	2	<1	<5	<5	2.24	<50	43	2.2	26	<5	<0.01	<0.05	<1
495-3-4 25-30	20	<0.001	<5	4	730	<1	2	15	62	<2	3.48	3	<1	<5	<5	1.82	<50	50	1.5	17	<5	<0.01	<0.05	<1
495-3-4 30-35	<5	<0.001	<5	3	800	<1	2	15	140	<2	3.13	3	<1	<5	<5	2.39	<50	34	1.1	16	<5	<0.01	<0.05	<1
495-3-4 35-40	160	0.005	<5	3	640	<1	3	15	140	<2	3.17	3	<1	<5	<5	1.99	<50	37	1.2	16	<5	<0.01	<0.05	<1
495-3-4 40-45	71	0.002	<5	2	750	<1	1	17	130	<2	4.56	2	<1	<5	<5	1.72	<50	44	1.8	17	<5	<0.01	<0.05	<1
495-3-4 45-50	21	<0.001	<5	5	690	<1	3	17	100	<2	4.66	2	<1	<5	<5	1.08	<50	37	2.0	19	<5	<0.01	<0.05	<1
495-3-4 50-55	9	<0.001	<5	<2	720	<1	2	12	110	<2	3.10	2	<1	<5	<5	1.61	<50	37	1.3	15	<5	<0.01	<0.05	<1
495-3-4 55-60	<5	<0.001	<5	<2	590	<1	3	15	110	<2	3.85	2	<1	<5	<5	2.01	<50	35	1.9	18	<5	<0.01	<0.05	<1
495-3-4 60-65	70	0.002	<5	3	530	<1	4	18	55	<2	4.36	2	<1	<5	<5	1.80	<50	<30	2.1	21	<5	<0.01	<0.05	<1
495-3-4 65-70	950	0.028	<5	4	400	<1	3	18	33	<2	4.79	2	<1	<5	<5	2.06	<50	<30	2.5	22	<5	<0.01	<0.05	<1
495-3-4 70-75	296	0.009	<5	5	910	<1	2	17	22	<2	4.98	2	<1	<5	<5	1.85	<50	39	2.4	24	<5	<0.01	<0.05	<1
495-3-4 75-80	241	0.007	<5	3	610	<1	2	19	35	<2	5.52	2	<1	<5	<5	2.08	<50	<30	2.5	25	<5	<0.01	<0.05	<1
495-3-5 0-5	<5	<0.001	<5	3	310	<1	2	22	14	<2	6.37	2	<1	<5	<5	2.09	<50	<30	1.0	26	<5	<0.01	<0.05	<1
495-3-5 5-10	<5	<0.001	<5	3	330	<1	2	20	12	<2	5.98	2	<1	<5	<5	2.07	<50	<30	1.1	25	<5	<0.01	<0.05	<1
495-3-5 10-15	29	0.001	<5	4	420	<1	2	19	65	<2	5.36	2	<1	<5	<5	1.61	<50	<30	1.7	23	<5	<0.01	<0.05	<1
495-3-5 15-20	6	<0.001	<5	<2	870	<1	2	11	98	<2	2.80	3	<1	<5	<5	1.21	<50	47	1.2	14	<5	<0.01	<0.05	<1
495-3-5 20-25	10	<0.001	<5	<2	550	<1	3	12	120	<2	2.67	2	<1	<5	<5	2.13	<50	<30	1.1	14	<5	<0.01	<0.05	<1
495-3-5 25-30	<5	<0.001	<5	<2	440	<1	3	15	150	<2	3.02	2	<1	<5	<5	2.49	<50	<30	1.1	16	<5	<0.01	<0.05	<1
495-3-5 20-25B	6	<0.001	<5	<2	670	<1	2	13	140	<2	2.82	2	<1	<5	<5	1.83	<50	51	1.2	16	<5	<0.01	<0.05	<1
495-3-5 35-40	<5	<0.001	<5	<2	780	<1	2	18	160	<2	4.00	2	<1	<5	<5	2.17	<50	40	1.7	21	<5	<0.01	<0.05	<1
495-3-5 40-45	<5	<0.001	<5	<2	1100	<1	3	15	120	<2	3.29	3	<1	<5	<5	0.99	<50	87	1.5	19	<5	<0.01	<0.05	<1
495-3-5 45-50	8	<0.001	<5	5	680	<1	2	20	160	<2	4.04	2	<1	<5	<5	2.12	<50	38	1.6	22	<5	<0.01	0.08	<1
495-3-5 50-55	7	<0.001	<5	4	330	<1	2	18	52	<2	4.71	2	<1	<5	<5	2.78	<50	<30	2.6	25	<5	<0.01	<0.05	<1
495-3-5 55-60	<5	<0.001	<5	<2	300	<1	2	17	26	<2	4.59	3	<1	<5	<5	3.07	<50	<30	2.6	23	<5	<0.01	<0.05	<1
495-3-5 60-65	<5	<0.001	<5	<2	270	1	2	18	20	<2	5.15	2	<1	<5	<5	2.60	<50	<30	2.7	25	<5	<0.01	<0.05	<1
495-3-5 65-70	<5	<0.001	<5	5	160	<1	2	23	16	<2	6.14	2	<1	<5	<5	2.31	<50	<30	2.8	27	<5	<0.01	<0.05	<1
495-3-5 70-75	12	<0.001	<5	7	150	<1	3	28	20	<2	7.00	2	<1	<5	<5	2.07	<50	<30	3.3	30	<5	<0.01	<0.05	<1
495-3-5 75-80	<5	<0.001	<5	5	440	<1	3	23	14	<2	6.46	3	<1	<5	<5	2.24	<50	<30	3.2	28	<5	<0.01	0.06	<1

Activation Laboratories Ltd. Work Order: 9263 Report: 9142

Sample description	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
495-3-4 0-5	2.9	<0.5	<4	124	13	27	14	3.5	1.0	0.6	2.3	0.31	42.55
495-3-4 5-10	2.6	<0.5	5	51	12	22	7	2.8	0.9	<0.5	2.5	0.34	44.78
495-3-4 10-15	2.7	1.4	<4	<50	11	22	10	2.6	0.9	<0.5	2.2	0.31	43.08
495-3-4 15-20	2.4	1.2	<4	69	10	21	10	2.4	0.7	<0.5	2.2	0.31	42.04
495-3-4 20-25	2.9	<0.5	10	92	11	23	10	2.5	0.8	0.7	1.9	0.28	37.89
495-3-4 25-30	4.1	1.6	9	<50	14	26	13	2.6	0.7	<0.5	2.2	0.26	41.10
495-3-4 30-35	4.4	<0.5	<4	61	13	26	10	2.0	0.7	<0.5	1.4	0.24	38.65
495-3-4 35-40	3.8	2.2	<4	<50	12	20	10	1.7	0.7	<0.5	1.3	0.22	44.15
495-3-4 40-45	3.8	<0.5	4	70	13	23	9	2.0	0.7	<0.5	1.6	0.24	46.69
495-3-4 45-50	2.7	1.6	7	74	10	18	9	1.8	0.7	<0.5	1.6	0.26	46.14
495-3-4 50-55	3.8	1.4	<4	<50	11	20	10	1.8	0.7	<0.5	1.5	0.22	45.96
495-3-4 55-60	3.5	1.4	<4	<50	11	20	8	1.9	0.6	<0.5	1.8	0.29	43.91
495-3-4 60-65	2.2	2.9	<4	65	8	17	8	1.9	0.7	0.7	2.0	0.27	43.78
495-3-4 65-70	2.3	1.8	<4	68	8	17	6	2.0	0.7	<0.5	2.0	0.32	45.40
495-3-4 70-75	2.3	<0.5	6	<50	8	17	11	2.1	0.6	<0.5	2.0	0.30	40.60
495-3-4 75-80	3.0	1.6	7	80	11	21	10	2.5	0.9	<0.5	2.3	0.38	37.62
495-3-5 0-5	2.3	1.2	<4	71	10	23	10	2.5	0.9	<0.5	2.5	0.38	46.90
495-3-5 5-10	1.9	1.0	<4	64	9	18	10	2.3	0.8	0.6	2.4	0.36	44.90
495-3-5 10-15	2.0	1.1	11	86	9	18	9	2.2	0.8	<0.5	2.2	0.33	45.26
495-3-5 15-20	4.5	<0.5	6	<50	14	24	12	2.3	0.8	<0.5	1.9	0.27	45.92
495-3-5 20-25	4.1	1.8	7	55	13	23	7	1.9	0.6	<0.5	1.5	0.23	38.81
495-3-5 25-30	4.2	1.8	<4	<50	13	23	9	1.7	0.7	<0.5	1.4	0.21	40.02
495-3-5 20-25B	4.7	1.4	<4	60	13	24	9	2.0	0.7	<0.5	1.8	0.29	42.48
495-3-5 35-40	3.9	1.3	7	74	13	24	8	2.1	0.8	0.8	1.7	0.25	41.26
495-3-5 40-45	4.5	1.4	6	<50	13	25	12	2.5	0.8	0.6	2.2	0.31	38.59
495-3-5 45-50	3.1	1.1	<4	57	11	19	10	1.7	0.5	<0.5	1.5	0.22	42.89
495-3-5 50-55	2.9	<0.5	<4	51	8	18	8	2.0	0.7	<0.5	1.9	0.28	47.23
495-3-5 55-60	3.2	2.0	<4	80	12	22	9	2.5	0.7	<0.5	2.5	0.37	43.62
495-3-5 60-65	2.6	<0.5	<4	99	9	20	11	2.4	0.7	0.5	2.1	0.34	43.84
495-3-5 65-70	1.9	<0.5	<4	80	8	17	9	2.2	0.7	0.5	2.3	0.36	44.10
495-3-5 70-75	2.1	1.9	<4	81	9	17	11	2.4	0.8	0.5	2.5	0.38	43.36
495-3-5 75-80	2.3	1.6	6	75	10	19	13	2.5	0.9	0.5	2.7	0.37	41.90

ACTLABS

ACTIVATION LABORATORIES LTD

Invoice No.: 9143
Work Order: 9255
Invoice Date: 10-NOV-95
Date Submitted: 26-OCT-95
Your Reference: NONE
Account Number: 1369

Rosaline C. De Marco
HAWKE MINING COMPANY
819 BALMORAL ST., S.E.
MEDICINE HATE, ALBERTA
T1A 0W6

ATTN: R. DE MARCO/ W. HAWKES

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	100.	PPM
BR	1.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
CS	2.	PPM	FE	0.02	%	HF	1.	PPM	HG	1.	PPM
IR	5.	PPB	MO	5.	PPM	NA	500.	PPM	NI	50.	PPM
RB	30.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	5.	PPM
SN	0.01	%	SR	0.05	%	TA	1.	PPM	TH	0.5	PPM
U	0.5	PPM	W	4.	PPM	ZN	50.	PPM	LA	1.	PPM
CE	3.	PPM	ND	5.	PPM	SM	0.1	PPM	EU	0.2	PPM
TB	0.5	PPM	YB	0.05	PPM	LU	0.05	PPM			

CERTIFIED BY :

Eric L. Hoffman
DR. ERIC L. HOFFMAN

Activation Laboratories Ltd. Work Order: 9255 Report: 9143

Sample description	AU PPB	AU OZ/T	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM
495-3-1 0-5	<5<0.001		<5	8	920	<1	3	29	190	<2	6.20	3	<1	<5	<5	1.74	<50	39	2.5	27	<5	<0.01	<0.05	<1
495-3-1 5-10	<5<0.001		<5	<2	1100	<1	<1	14	17	<2	3.81	4	<1	<5	<5	1.95	<50	36	1.5	18	<5	<0.01	<0.05	<1
495-3-1 10-15	<5<0.001		<5	4	1400	<1	1	16	12	<2	4.51	4	<1	<5	<5	1.95	<50	57	2.0	20	<5	<0.01	<0.05	<1
495-3-1 15-20	<5<0.001		<5	3	1400	<1	<1	20	21	<2	4.70	4	<1	<5	<5	2.08	<50	37	2.7	20	<5	<0.01	<0.05	<1
495-3-1 20-25	<5<0.001		<5	3	1100	<1	<1	22	35	<2	6.07	3	<1	<5	<5	2.41	<50	<30	3.0	26	<5	<0.01	<0.05	<1
495-3-1 25-30	<5<0.001		<5	5	1400	<1	<1	21	33	<2	5.54	3	<1	<5	<5	2.58	<50	<30	2.4	24	<5	<0.01	<0.05	<1
495-3-1 30-35	<5<0.001		<5	7	1600	<1	<1	21	23	<2	5.53	3	<1	<5	5	2.50	<50	<30	2.0	23	<5	<0.01	<0.05	<1
495-3-1 35-40	232 0.007		<5	4	1000	<1	1	21	13	<2	5.86	3	<1	<5	<5	2.58	<50	36	1.9	26	<5	<0.01	<0.05	<1
495-3-1 40-45	121 0.004		<5	<2	530	<1	<1	26	10	<2	7.75	3	<1	<5	<5	3.04	<50	<30	1.7	29	<5	<0.01	<0.05	<1
495-3-1 45-50	435 0.013		<5	5	580	<1	<1	26	14	<2	7.51	3	<1	<5	<5	3.19	<50	<30	2.1	30	<5	<0.01	<0.05	<1
495-3-1 50-55	357 0.010		<5	5	680	<1	<1	26	73	<2	7.29	3	<1	<5	<5	2.47	<50	49	3.2	33	<5	<0.01	<0.05	<1
495-3-1 55-60	128 0.004		<5	7	970	<1	2	21	100	<2	5.72	2	<1	<5	<5	1.06	<50	44	2.1	22	<5	<0.01	<0.05	<1
495-3-1 60-65	37 0.001		<5	3	1100	<1	3	18	130	2	4.47	3	<1	<5	<5	1.53	<50	56	2.1	19	<5	<0.01	<0.05	<1
495-3-1 65-70	10<0.001		<5	<2	1100	<1	2	13	170	<2	3.54	3	<1	<5	6	1.94	<50	58	1.2	18	<5	<0.01	<0.05	<1
495-3-1 70-75	40 0.001		<5	3	930	<1	2	15	130	<2	4.06	3	<1	<5	<5	1.84	<50	53	2.1	18	<5	<0.01	<0.05	<1
495-3-1 75-80	91 0.003		<5	5	910	<1	1	17	120	<2	4.33	3	<1	<5	<5	2.31	<50	52	2.5	20	<5	<0.01	<0.05	<1
495-3-1 80-85	15<0.001		<5	4	900	<1	3	19	180	<2	4.17	3	<1	<5	<5	2.93	<50	<30	1.9	21	<5	<0.01	<0.05	1
495-3-1 85-90	10<0.001		<5	<2	640	<1	3	19	140	<2	4.34	3	<1	<5	<5	2.83	<50	<30	2.0	20	<5	<0.01	<0.05	<1
495-3-1 90-95	45 0.001		<5	<2	850	<1	3	21	150	<2	4.76	3	<1	<5	<5	2.98	<50	39	2.2	21	<5	<0.01	<0.05	<1

Activation Laboratories Ltd. Work Order: 9255 Report: 9143

Sample description	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	RU PPM	TB PPM	YB PPM	LU PPM	Mass g
495-3-1 0-5	3.9	<0.5	<4	62	14	29	17	3.5	1.0	0.9	3.3	0.56	36.60
495-3-1 5-10	5.1	1.2	<4	<50	18	36	12	3.4	1.0	0.7	3.0	0.43	41.11
495-3-1 10-15	5.4	<0.5	<4	<50	18	37	13	3.8	1.2	0.6	3.0	0.45	37.35
495-3-1 15-20	4.2	1.6	<4	<50	14	27	12	3.3	1.1	<0.5	2.8	0.44	36.92
495-3-1 20-25	3.5	2.5	<4	69	12	22	12	3.0	0.9	0.7	2.8	0.39	36.81
495-3-1 25-30	3.4	1.6	6	82	12	21	14	2.7	0.8	<0.5	2.6	0.37	42.08
495-3-1 30-35	3.2	<0.5	5	60	12	23	9	2.6	0.8	0.5	2.2	0.37	40.86
495-3-1 35-40	3.0	<0.5	8	56	10	22	10	2.5	0.9	0.6	2.0	0.32	39.57
495-3-1 40-45	2.9	<0.5	<4	87	11	24	15	2.7	1.0	0.6	2.2	0.36	38.98
495-3-1 45-50	2.7	<0.5	7	<50	12	22	16	2.8	1.0	<0.5	2.4	0.38	37.74
495-3-1 50-55	3.2	<0.5	11	124	11	26	10	2.7	1.0	<0.5	2.6	0.37	28.91
495-3-1 55-60	3.1	<0.5	<4	122	13	29	12	2.7	1.0	<0.5	1.9	0.27	36.92
495-3-1 60-65	4.6	2.7	8	87	15	28	15	2.6	1.0	<0.5	2.0	0.29	34.03
495-3-1 65-70	4.8	<0.5	7	91	15	28	14	2.4	0.8	<0.5	1.5	0.23	37.65
495-3-1 70-75	4.5	2.0	<4	97	15	29	15	2.6	0.9	<0.5	1.9	0.33	38.70
495-3-1 75-80	4.3	<0.5	<4	91	15	28	17	2.8	0.9	<0.5	2.1	0.35	36.84
495-3-1 80-85	4.8	<0.5	<4	113	16	31	<5	2.5	0.8	<0.5	1.9	0.26	36.50
495-3-1 85-90	4.2	<0.5	<4	82	13	24	<5	2.3	0.8	<0.5	2.0	0.30	39.86
495-3-1 90-95	4.5	<0.5	<4	91	14	27	13	2.6	0.7	<0.5	1.9	0.32	35.33

ACTLABS

ACTIVATION LABORATORIES LTD

Invoice No.: 9144
Work Order: 9254
Invoice Date: 10-NOV-95
Date Submitted: 26-OCT-95
Your Reference: NONE
Account Number: 1369

Rosaline A. DeWorze
WAYNE HAWKES
819 BALMORAL ST., SE
MEDICINE HAT, ALBERTA
T1A 0W6

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	100.	PPM
BR	1.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
CS	2.	PPM	FE	0.02	%	HF	1.	PPM	HG	1.	PPM
IR	5.	PPB	MO	5.	PPM	NA	500.	PPM	NI	50.	PPM
RB	30.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	5.	PPM
SN	0.01	%	SR	0.05	%	TA	1.	PPM	TH	0.5	PPM
U	0.5	PPM	W	4.	PPM	ZN	50.	PPM	LA	1.	PPM
CE	3.	PPM	ND	5.	PPM	SM	0.1	PPM	EU	0.2	PPM
TB	0.5	PPM	YB	0.05	PPM	LU	0.05	PPM			

PLEASE NOTE: SAMPLE #495-3-205 50-55 WAS MISSING.

CERTIFIED BY :

per J. Brech
DR. ERIC L. HOFFMAN

Activation Laboratories Ltd. Work Order: 9254 Report: 9144

Sample description	AU PPB	AU Z/T	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM
495-3-2 0-5	11<0.001		<5	10	880	<1	<1	30	11	<2	6.74	2	<1	<5	<5 <0.01	<50	<30	2.2	28	<5 <0.01	<0.05		<1	
495-3-2 5-10	10<0.001		<5	2	930	<1	<1	24	13	<2	6.19	3	<1	<5	<5 <0.01	<50	34	1.8	27	<5 <0.01	<0.05		<1	
495-3-2 10-15	6<0.001		<5	4	1500	<1	<1	13	<10	<2	3.73	3	<1	<5	<5 <0.01	<50	<30	1.3	17	<5 <0.01	<0.05		<1	
495-3-2 15-20	128 0.004		<5	11	2000	<1	<1	21	11	<2	5.26	2	<1	<5	<5 1.87	<50	49	1.7	23	<5 <0.01	<0.05		<1	
495-3-2 20-25	160 0.005		<5	4	1700	<1	<1	21	70	<2	6.58	3	<1	<5	<5 2.52	<50	<30	1.5	30	<5 <0.01	<0.05		<1	
495-3-2 25-30	15<0.001		<5	5	920	<1	<1	22	11	<2	6.04	2	<1	<5	<5 <0.01	<50	43	1.5	28	<5 <0.01	<0.05		<1	
495-3-2 30-35	<5<0.001		<5	<2	470	<1	<1	22	<10	<2	6.98	2	<1	<5	<5 <0.01	<50	<30	1.1	28	<5 <0.01	<0.05		<1	
495-3-2 35-40	<5<0.001		<5	<2	620	<1	1	21	<10	<2	6.92	2	<1	<5	<5 <0.01	<50	<30	1.0	29	<5 <0.01	<0.05		<1	
495-3-2 40-45	<5<0.001		<5	<2	410	<1	3	21	12	<2	7.03	2	<1	<5	<5 <0.01	<50	<30	1.2	29	<5 <0.01	<0.05		<1	
495-3-2 45-50	<5<0.001		<5	3	550	<1	2	22	11	<2	6.98	3	<1	<5	<5 <0.01	<50	32	1.5	29	<5 <0.01	<0.05		<1	
495-3-2 55-60	270 0.008		<5	4	750	<1	2	22	87	<2	6.03	2	<1	<5	<5 2.33	<50	<30	2.3	32	<5 <0.01	<0.05		<1	
495-3-2 60-65	99 0.003		<5	3	960	<1	3	14	120	<2	3.44	3	<1	<5	<5 <0.01	<50	66	1.3	18	<5 <0.01	<0.05		<1	
495-3-2 65-70	399 0.012		<5	4	1200	<1	2	15	77	<2	4.52	3	<1	<5	<5 2.25	<50	61	1.9	20	<5 <0.01	<0.05		<1	
495-3-2 70-75	9<0.001		<5	2	1200	<1	<1	16	150	<2	3.79	2	<1	<5	<5 <0.01	<50	60	1.6	23	<5 <0.01	<0.05		<1	
495-3-2 75-80	37 0.001		<5	3	940	<1	<1	15	150	<2	3.62	2	<1	<5	<5 <0.01	<50	<30	1.3	21	<5 <0.01	<0.05		<1	
495-3-3 0-5	12<0.001		<5	29	710	<1	<1	<5	11	<2	5.86	2	<1	<5	<5 <0.01	<50	<30	1.6	25	<5 <0.01	<0.05		<1	
495-3-3 5-10	5<0.001		<5	29	630	<1	<1	14	<10	<2	5.63	3	<1	<5	<5 <0.01	<50	<30	1.6	29	<5 <0.01	<0.05		<1	
495-3-3 10-15	11<0.001		<5	7	420	<1	<1	28	11	<2	7.10	2	<1	<5	<5 <0.01	<50	<30	1.4	29	<5 <0.01	<0.05		<1	
495-3-3 15-20	3250 0.095		<5	<2	490	<1	<1	22	<10	<2	7.08	2	<1	<5	<5 <0.01	<50	<30	0.9	29	<5 <0.01	<0.05		<1	
495-3-3 20-25	368 0.011		<5	5	340	<1	<1	26	14	<2	7.86	3	<1	<5	<5 <0.01	<50	<30	1.4	32	<5 <0.01	<0.05		<1	
495-3-3 25-30	118 0.003		<5	3	350	<1	2	24	<10	<2	7.58	2	<1	<5	<5 <0.01	<50	<30	1.3	30	<5 <0.01	<0.05		<1	
495-3-3 30-35	188 0.005		<5	2	470	<1	<1	21	15	<2	6.76	2	<1	<5	<5 <0.01	<50	<30	1.6	29	<5 <0.01	<0.05		<1	
495-3-3 35-40	302 0.009		<5	4	770	<1	<1	18	71	<2	5.48	1	<1	<5	<5 2.84	<50	71	2.0	25	<5 <0.01	<0.05		<1	
495-3-3 40-45	195 0.006		<5	4	850	<1	3	12	74	<2	3.26	2	<1	<5	<5 2.19	<50	46	1.1	17	<5 <0.01	<0.05		<1	
495-3-3 45-50	20<0.001		<5	3	770	<1	3	16	140	2	3.81	2	<1	<5	<5 2.73	<50	<30	1.2	19	<5 <0.01	<0.05		<1	
495-3-3 50-55	17<0.001		<5	4	700	<1	3	17	100	<2	4.83	2	<1	<5	<5 2.06	<50	47	1.6	18	<5 <0.01	<0.05		<1	
495-3-3 55-60	15<0.001		<5	3	1200	<1	2	14	38	<2	5.16	3	<1	<5	<5 1.13	<50	68	2.1	20	<5 <0.01	<0.05		<1	
495-3-3 60-65	9<0.001		<5	<2	860	<1	2	19	120	<2	4.95	2	<1	<5	<5 1.85	<50	54	1.7	28	<5 <0.01	<0.05		<1	
495-3-3 65-70	<5<0.001		<5	3	760	<1	2	18	160	4	4.10	3	<1	<5	<5 3.16	<50	<30	1.7	24	<5 <0.01	<0.05		<1	
495-3-3 70-75	<5<0.001		<5	3	730	<1	<1	20	150	<2	4.38	3	<1	<5	<5 3.85	<50	<30	1.7	22	<5 <0.02	<0.05		<1	
495-3-3 75-80	14<0.001		<5	2	600	<1	<1	21	120	<2	5.43	3	<1	<5	<5 3.22	<50	55	1.9	27	<5 <0.02	<0.05		<1	

Activation Laboratories Ltd. Work Order: 9254 Report: 9144

Sample description	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
495-3-2 0-5	1.8	<0.5	<4	<50	15	30	15	3.8	1.0	<0.5	2.7	0.52	40.71
495-3-2 5-10	2.2	<0.5	<4	109	10	21	10	2.5	0.7	<0.5	2.3	0.46	42.63
495-3-2 10-15	4.3	1.4	5	<50	16	30	13	2.8	0.8	<0.5	2.8	0.46	46.23
495-3-2 15-20	2.6	<0.5	<4	83	10	19	6	2.2	0.7	<0.5	2.2	0.44	44.80
495-3-2 20-25	2.1	<0.5	<4	59	10	21	12	2.5	0.9	<0.5	2.3	0.38	40.01
495-3-2 25-30	2.2	1.0	<4	<50	10	20	9	2.3	0.7	<0.5	2.1	0.37	43.05
495-3-2 30-35	2.7	1.6	<4	<50	10	19	8	2.4	0.7	<0.5	2.1	0.37	42.77
495-3-2 35-40	2.6	1.1	<4	<50	10	20	8	2.5	0.9	<0.5	2.6	0.46	41.39
495-3-2 40-45	2.3	<0.5	<4	87	11	21	7	2.6	0.8	0.6	2.3	0.37	42.37
495-3-2 45-50	2.7	2.0	<4	<50	11	18	13	2.5	0.8	<0.5	2.1	0.38	41.67
495-3-2 55-60	2.5	<0.5	<4	117	9	18	9	2.2	<0.2	<0.5	2.0	0.35	42.27
495-3-2 60-65	4.4	<0.5	6	<50	14	26	11	2.1	0.7	<0.5	1.8	0.29	44.33
495-3-2 65-70	3.1	<0.5	5	<50	13	26	13	2.5	0.8	<0.5	2.0	0.36	46.17
495-3-2 70-75	4.3	<0.5	4	<50	13	22	8	2.1	0.6	<0.5	1.5	0.29	44.24
495-3-2 75-80	3.7	<0.5	<4	<50	12	22	6	1.9	0.6	<0.5	1.4	0.26	45.16
495-3-3 0-5	2.1	2.1	<4	64	15	31	10	1.5	0.4	<0.5	1.7	0.24	44.93
495-3-3 5-10	2.3	7.0	<4	<50	16	31	13	3.5	1.1	<0.5	2.6	0.38	37.50
495-3-3 10-15	2.0	3.7	<4	<50	11	28	11	3.3	1.0	<0.5	2.8	0.47	39.65
495-3-3 15-20	2.4	<0.5	<4	<50	11	24	12	2.6	0.9	<0.5	2.3	0.49	46.23
495-3-3 20-25	3.3	<0.5	<4	<50	13	26	13	3.0	1.0	<0.5	2.7	0.43	41.07
495-3-3 25-30	2.3	2.1	<4	<50	11	24	10	2.7	0.9	<0.5	2.5	0.41	40.88
495-3-3 30-35	2.4	1.3	<4	<50	11	23	9	2.6	0.8	<0.5	2.4	0.40	47.42
495-3-3 35-40	2.9	<0.5	8	76	12	23	12	2.5	0.8	<0.5	2.2	0.37	42.33
495-3-3 40-45	3.4	1.6	7	<50	12	23	8	2.0	0.6	<0.5	1.8	0.35	48.54
495-3-3 45-50	3.9	1.2	<4	<50	13	26	<5	1.9	0.5	<0.5	1.5	0.28	43.44
495-3-3 50-55	3.1	1.3	<4	<50	12	24	10	2.0	0.6	<0.5	1.8	0.38	42.61
495-3-3 55-60	2.8	1.5	<4	54	12	23	9	2.8	0.8	<0.5	2.4	0.47	41.30
495-3-3 60-65	2.2	<0.5	<4	<50	9	19	5	2.0	0.6	<0.5	1.9	0.34	42.61
495-3-3 65-70	4.0	<0.5	<4	70	14	25	6	2.1	0.9	<0.5	1.8	0.27	39.56
495-3-3 70-75	3.7	<0.5	7	<50	14	29	12	2.2	<0.2	<0.5	1.5	0.37	34.72
495-3-3 75-80	3.0	<0.5	<4	<50	11	23	<5	2.4	0.8	<0.5	2.0	0.36	33.27

24/11/94

Assay Certificate

Page 1

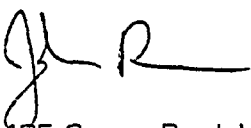
Rosaline Demarco

WO#25499

Sample # Au ppb

Sample 1		7	
Sample 2	<i>lower</i>	<5	
Sample 3		77	<i>Circle Tuff Ring</i>
Sample 4		18	
Sample 5		52	<i>no name Guelph</i>
Sample 6		74	<i>Circle Tuff Ring</i>
Sample 7		5	
Sample 8		62	
Hole 1		68	
Hole 2		95	
Hole 3		93	
Hole 6 0 - 100'		5260	
Hole 6		169	
Hole 7		182	
Hole 8	<i>higher</i>	>6667	

Certified by






iPL 94K2502

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

iPL: 94K2502

In: Nov 25, 1994

Page 1 of 1

Section 1 of 2

Sample Name		Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ti 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 %
#	1	—	—	—	18.9	5307	228	9	7	7	4	<	3	0.3	12	9	13	<	314	2	67	<	2	1	2	<	0.06	0.04	
#	2	—	—	—	<	17	2	12	<	<	4	<	<	0.5	8	77	<	197	10	678	<	17	1	2	<	0.15	3.02		
#	3	—	—	—	1.9	54	39	132	40	<	6	<	<	1.3	15	11	43	<	144	58	327	<	9	2	3	<	2.37	0.94	
#	4	—	—	—	0.9	460	7	19	<	<	5	<	<	0.6	3	9	230	<	258	11	702	<	33	1	2	<	0.11	3.79	
#	5	—	—	—	0.9	123	8	169	11	<	5	<	<	2.3	29	8	32	<	57	75	1131	7	50	1	6	0.01	3.22	2.97	
#	6	—	—	—	3.2	74	52	177	63	<	5	<	<	2.8	37	15	15	<	30	75	488	<	17	3	5	<	3.05	1.70	
#	7	—	—	—	0.3	43	19	76	6	<	5	<	<	1.4	25	59	112	<	158	67	1299	8	41	3	8	<	2.28	3.24	
#	8	—	—	—	0.1	37	15	52	<	<	4	<	<	0.9	18	36	94	<	89	26	1368	7	60	3	4	<	0.77	3.93	
#	9	<	<	<	8.3	69	77	83	<	<	6	<	<	1.8	25	44	65	<	109	52	1781	2	51	2	9	<	0.51	5.01	
#	10	<	<	<	0.4	85	11	73	<	<	4	<	<	1.4	20	16	64	<	81	64	1148	3	24	2	8	<	0.51	2.70	
hole	1	—	—	—	84.9	716	229	52	50	<	8	<	<	6.8	303	100	12	<	190	26	266	5	12	7	1	0.01	0.28	1.20	
hole	2	—	—	—	46.5	640	176	34	38	<	7	<	<	5.1	254	81	10	<	171	23	221	4	10	6	1	0.01	0.25	1.02	
hole	3	—	—	—	65.2	906	117	330	50	<	9	<	<	6.7	315	134	11	<	198	30	345	3	32	8	2	0.01	0.24	1.62	
hole	4+5	475	<	<	6.3	896	135	40	42	<	9	<	<	6.0	323	112	11	<	194	31	368	6	19	8	2	0.01	0.26	1.51	
hole	6.0-100 ft	—	—	—	3.6	791	237	22	57	<	6	<	<	10.6	252	65	13	<	168	276	492	5	25	8	4	0.14	0.46	1.61	
hole	6	—	—	—	8.9	902	115	26	45	<	12	<	<	8.5	342	129	13	<	195	33	281	4	18	9	1	0.02	0.23	1.37	
hole	7	—	—	—	6.4	1048	85	22	42	<	6	<	<	7.1	272	99	11	<	224	167	305	8	23	8	3	0.11	0.46	1.63	
hole	8	—	—	—	11.3	1410	147	40	83	<	10	<	<	10.0	351	67	16	<	216	239	671	13	55	14	6	0.13	0.47	2.08	

Min Limit	2	15	5	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
Max Reported*	9999	10000	10000	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99
Method	FAAA	FA/AAS	FA/AAS	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 S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate International Plasma Lab Ltd., 2036 Columbia St., Vancouver BC, V5Y 3E1 Ph: 604/879-7878 Fax: 604/879-7000																												



CERTIFICATE OF ANALYSIS

iPL 94K2502

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

Client: Northern Analytical Laboratories
Project: WO 25499 18 Pulp

iPL: 94K2502

Out: Nov 29, 1994
In: Nov 25, 1994

Page 1 of 1
[064614:55:30:49112994]

Section 2 of 2
Certified BC Assayer: David Chiu

Sample Name	Fe %	Mg %	K %	Na %	P %
# 1	1.04	0.02	0.03	0.02	0.09
# 2	1.03	1.36	0.02	0.03	0.09
# 3	4.88	1.89	0.15	0.05	0.09
# 4	1.38	1.90	0.03	0.02	0.01
# 5	5.85	2.66	0.12	0.03	0.08
# 6	7.89	2.63	0.11	0.03	0.11
# 7	3.95	4.05	0.15	0.05	0.06
# 8	3.00	2.53	0.18	0.03	0.04
# 9	4.31	3.10	0.11	0.03	0.04
# 10	4.07	2.05	0.11	0.03	0.04
Hole 1	16%	0.40	0.04	0.03	0.26
Hole 2	14%	0.34	0.03	0.03	0.23
Hole 3	16%	0.63	0.03	0.02	0.22
Hole 4+5	15%	0.60	0.03	0.04	0.25
Hole 6.0-100 ft	20%	0.76	0.05	0.05	0.23
Hole 6	18%	0.43	0.03	0.03	0.28
Hole 7	17%	0.52	0.05	0.06	0.42
Hole 8	19%	0.64	0.08	0.05	0.53

Min Limit 0.01 0.01 0.01 0.01 0.01

Max Reported* 9.99 9.99 9.99 5.00 5.00

Method ICP ICP ICP ICP ICP

---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 Z=Estimate % Max=No Estimate

International Plasma Lab Ltd, 2036 Columbia St, Vancouver BC V5Y 3E1 Ph: 604/879-7878 Fax: 604/879-7898



CERTIFICATE OF ANALYSIS

iPL 94K2502

2036 Columbia Street
Vancouver, B
Canada V5Y 3E1
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Client: Northern Analytical Laboratories
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iPL: 94K2502

Out: Nov 29, 1994
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Page 1 of 1
[064614:55:30:49112994]

Section 2 of 2
Certified BC Assayer: David Chiu

Sample Name	Fe %	Mg %	K %	Na %	P %
# 1	1.04	0.02	0.03	0.02	0.14
# 2	1.03	1.36	0.02	0.03	0.09
# 3	4.88	1.89	0.15	0.05	0.09
# 4	1.38	1.90	0.03	0.02	0.01
# 5	5.85	2.66	0.12	0.03	0.08
# 6	7.89	2.63	0.11	0.03	0.11
# 7	3.95	4.05	0.15	0.05	0.06
# 8	3.00	2.53	0.18	0.03	0.04
# 9	4.31	3.10	0.11	0.03	0.04
# 10	4.07	2.05	0.11	0.03	0.04
Hole 1	16%	0.40	0.04	0.03	0.26
Hole 2	14%	0.34	0.03	0.03	0.23
Hole 3	16%	0.63	0.03	0.02	0.22
Hole 4+5	15%	0.60	0.03	0.04	0.25
Hole 6.0-100 ft	20%	0.76	0.05	0.05	0.23
Hole 6	18%	0.43	0.03	0.03	0.28
Hole 7	17%	0.52	0.05	0.06	0.42
Hole 8	19%	0.64	0.08	0.05	0.53

Min Limit 0.01 0.01 0.01 0.01 0.01

Max Reported* 9.99 9.99 9.99 5.00 5.00

Method ICP ICP ICP ICP ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

International Plasma Lab Ltd, 2036 Columbia St, Vancouver BC, V5Y 3E1 Ph: 604/879-7878 Fax: 604/879-7898

25-Nov-93date

Assay Certificate

Page1

Hawk Mining Co *in R. DeMars*
D.H.

WO 00394

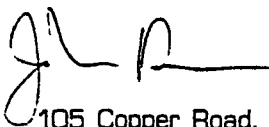
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Au ppb

Quartz Creek

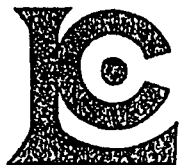
13

Certified by



105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph. (403) 668-4968 Fax (403) 668-4890





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: HASTINGS MANAGEMENT CORP.

##

1000 - 875 W. HASTINGS
VANCOUVER, BC
V6B 1N6

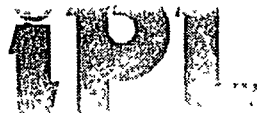
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Comments: ATTN: R. SOUTHAM

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P.O. Number :
Account :JCL

CERTIFICATE OF ANALYSIS

A9530583

SAMPLE	PREP CODE		Au oz/T								
WH QC R1	208	274	< 0.002								
WH QC R2	208	274	0.064								
WH QC R3	208	274	< 0.002								
WH QC R4	208	274	< 0.002								
WH QC R5	208	274	< 0.002								
WH QC R6	208	274	< 0.002								



INTERNATIONAL PLASMA LABORATORY LTD

CERTIFICATE OF ANALYSIS

iPL 95J2409

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

Northern Analytical Laboratories

Out: Nov 01, 1995 Project: 15457
In : Oct 24, 1995 Shipper: Norm Smith
PO#: 00879 Shipment: ID=C030900

Msg: ICP(AqR)30

Msg:

Document Distribution

1 Northern Analytical Laboratories	EN RT CC IN FX
105 Copper Road	1 2 2 2 1
Whitehorse	DL 3D 5D BT BL
YT Y1A 2Z7	0 0 0 1 0

ATT: Norm Smith

Ph: 403/668-4968

Fx: 403/668-4890

9 Samples

Raw Storage: ---
Pulp Storage: ---

0= Rock 0= Soil

0= Core

0=RC Ct

9= Pulp

0=Other

[092018:00:01:59110195]

Mon=Month Dis=Discard

Rtn=Return Arc=Archive

Analytical Summary

##	Code	Met Title	Limit	Limit	Units	Description	Element	##
		hod	Low	High				
01	721P	ICP Ag	0.1	100	ppm	Ag ICP	Silver	01
02	711P	ICP Cu	1	20000	ppm	Cu ICP	Copper	02
03	714P	ICP Pb	2	20000	ppm	Pb ICP	Lead	03
04	730P	ICP Zn	1	20000	ppm	Zn ICP	Zinc	04
05	703P	ICP As	5	9999	ppm	As ICP 5 ppm	Arsenic	05
06	702P	ICP Sb	5	9999	ppm	Sb ICP	Antimony	06
07	732P	ICP Hg	3	9999	ppm	Hg ICP	Mercury	07
08	717P	ICP Mo	1	9999	ppm	Mo ICP	Molybdenum	08
09	747P	ICP Tl	10	999	ppm	Tl ICP 10 ppm (Incomplete	Thallium	09
10	705P	ICP Bi	2	999	ppm	Bi ICP	Bismuth	10
11	707P	ICP Cd	0.1	100	ppm	Cd ICP	Cadmium	11
12	710P	ICP Co	1	999	ppm	Co ICP	Cobalt	12
13	718P	ICP Ni	1	999	ppm	Ni ICP	Nickel	13
14	704P	ICP Ba	2	9999	ppm	Ba ICP (Incomplete Digest	Barium	14
15	727P	ICP W	5	999	ppm	W ICP (Incomplete Digest	Tungsten	15
16	709P	ICP Cr	1	9999	ppm	Cr ICP (Incomplete Digest	Chromium	16
17	729P	ICP V	2	999	ppm	V ICP	Vanadium	17
18	716P	ICP Mn	1	9999	ppm	Mn ICP	Manganese	18
19	713P	ICP La	2	9999	ppm	La ICP (Incomplete Digest	Lanthanum	19
20	723P	ICP Sr	1	9999	ppm	Sr ICP (Incomplete Digest	Strontium	20
21	731P	ICP Zr	1	999	ppm	Zr ICP	Zirconium	21
22	736P	ICP Sc	1	99	ppm	Sc ICP	Scandium	22
23	726P	ICP Ti	0.01	1.00	%	Ti ICP (Incomplete Digest	Titanium	23
24	701P	ICP Al	0.01	9.99	%	Al ICP (Incomplete Digest	Aluminum	24
25	708P	ICP Ca	0.01	9.99	%	Ca ICP (Incomplete Digest	Calcium	25
26	712P	ICP Fe	0.01	9.99	%	Fe ICP	Iron	26
27	715P	ICP Mg	0.01	9.99	%	Mg ICP (Incomplete Digest	Magnesium	27
28	720P	ICP K	0.01	9.99	%	K ICP (Incomplete Digest	Potassium	28
29	722P	ICP Na	0.01	5.00	%	Na ICP (Incomplete Digest	Sodium	29
30	719P	ICP P	0.01	5.00	%	P ICP	Phosphorus	30

EN=Envelope # RT=Report Style CC=Copies IN=Invoices FX=Fax(1=Yes 0=No)
DL=Download 3D=3-1/2 Disk 5D=5-1/4 Disk BT=BBS Type BL=BBS(1=Yes 0=No)

Totals: 2=Copy 2=Invoice 0=3-1/2 Disk 0=5-1/4 Disk

27/10/95

Assay Certificate

Page 1

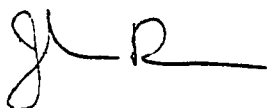
Rose Demarco

WO#15457

Sample #	Au ppb
----------	--------

1	<5
2	14
3	5
4	5
5	<5
6	7
7	11
8	9
9	7

Certified by





INTERNATIONAL PLASMA LABORATORY LTD

CERTIFICATE OF ANALYSIS

iPL 95J2409

2036 Columbia Street
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7888

Client: Northern Analytical Laboratories
Project: 15457 9 Pulp

iPL: 95J2409

Out: Nov 01, 1995
In: Oct 24, 1995

Page 1 of 1
[092018:00:06:59110195]

Section 1 of 1
Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ti 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 %
# 1	0.1	53	19	76	17	15	<	3	<	<	0.4	2	4	56	<	64	24	236	4	6	2	2	<	1.19	0.25	2.78	1.17	0.04	0.03	0.05
# 2	0.7	14	12	18	36	5	<	6	<	<	0.4	52	160	40	<	79	9	19	<	14	<	1	<	0.25	0.05	2.64	0.13	0.11	0.02	0.03
# 3	0.4	9	22	61	<	13	<	2	<	<	1.2	4	8	32	<	75	40	1255	<	151	1	3	<	0.04	6.49	2.57	2.90	0.01	0.01	<
# 4	0.3	41	7	15	6	6	<	4	<	<	<	7	16	29	<	45	4	113	4	5	5	<	<	0.19	0.41	1.69	0.17	0.11	0.01	0.08
# 5	0.2	23	14	79	10	<	<	2	<	<	<	25	21	318	<	42	100	2139	10	19	1	6	<	0.93	0.28	4.84	0.64	0.07	0.02	0.06
# 6	0.7	13	16	78	<	8	<	3	<	<	1.7	13	60	20	<	73	16	1483	2	281	1	6	<	0.06	9.89	3.07	5.10	0.02	0.01	<
# 7	0.8	141	10	75	15	<	<	2	<	<	<	24	19	93	<	20	119	828	<	63	1	19	<	2.01	3.61	4.35	3.82	0.03	0.02	0.04
# 8	1.4	140	11	75	24	<	<	2	<	<	<	28	32	559	<	43	168	681	<	80	2	21	0.01	2.70	2.60	4.55	4.17	0.01	0.02	0.05
# 9	0.4	58	10	114	16	<	<	3	<	<	0.7	28	9	31	<	57	21	530	6	6	1	2	<	1.34	0.38	3.80	1.28	0.04	0.02	0.06

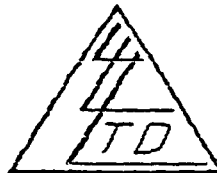
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 Method ICP
 —No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898

Box 371.

Dawson City, Yukon YOB 1G0

Date October 6, 1994

Samples Rock Chip



ATTN: Wayne Hawk for
Roseline A. DeMarco

Certificate of Assay LORING LABORATORIES LTD.

SAMPLE NO.

OZ./TON
PLATINUM

OZ./TON
PALLADIUM

"Assay Analysis"

Hole # 4
95'-100'

<0.001

<0.001

Hole # 6
55'-60'

<0.001

<0.001

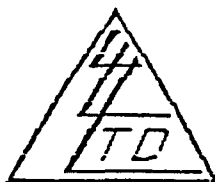
I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Subjects retained one month.
ulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: MRS. ROSE DEMARCO.
c/o Hawk's Mining.
Box 371.
Dawson City, Yukon
JB 1G0

File No. 36890
Date October 13, 1994
Samples Rock Chip



Certificate of Assay LORING LABORATORIES LTD.

SAMPLE NO.

OZ./TON
GOLD

OZ./TON
SILVER

Assay Analysis"

# 1	0.001	<0.01
# 2	0.001	<0.01
# 3	0.001	<0.01

I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

R.L.D.H.

GEOCHEMICAL ANALYSIS CERTIFICATE

Loring Laboratories Ltd. PROJECT 36890 File # 94-3438

629 Beaverdam Road N.E., Calgary AB T2K 4W7

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
#3 HOLE 7 101-151	1	124	16	65	.6	13	23	1386	6.11	9	<5	<2	2	31	<.2	3	<2	76	1.73	.044	8	71	1.67	167	<.01	<2	.25	.01	.06	2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR HG BA TI B W AND LIMITED FOR NA K AND AL.

- SAMPLE TYPE: PULP

Mix Limit	2	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	0.01
Max Reported*	9999	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	FAAA	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	ICP
--No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate																																
*International Plasma Lab, Ltd. 2036 Columbia St. Vancouver BC V6J 3C1 Ph: 604/970-7070 Fax: 604/970-7060																																

APPENDIX 2

DRILL LOGS

Sept 25 Quary Creek

Type of Drill: Hand Inside Diameter of Drill: _____

Type of Drill: _____ Inside Diameter of Drill: _____
Location: trench at 5-middle trench Lease or Grant Numbers: _____

Signed (Driller or Representative) Walter Hanks

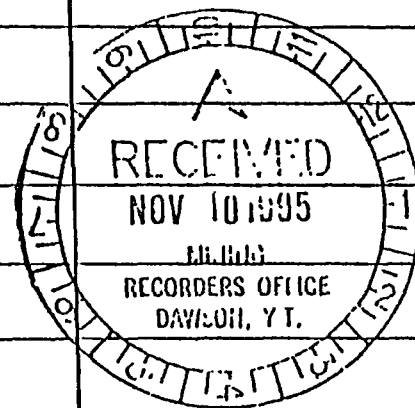
PLACER DRILL LOG

Date: Sept 24 1995 Time: Driller: Helper:

Type of Drill: Inside Diameter of Drill:

Location: Trench # 3, 95' main Lease or Grant Numbers:

DRILL HOLE NUMBER	TOTAL FOOTAGE	BREAKDOWN IN FEET (of materials encountered)	REMARKS: samples/results
Oct 6 #1	95'	Reddish to 20', Yellow 30', Brown 60', 95'	Samples
Oct 7 2	80'	Br to 10', Light 30', Br 45', Light 55', Gray 15', 80'	Samples
Oct 7 3	80'	Br 5', Orange 10', Green 15', Br 20', Br 35', Br 40', Gray 60', Green 20'	Samples
Oct 7 #4	80'	Green 40'	Samples
Oct 8 4	80'	Gray 15', Brown 20', Gray 35', Green 55', Gray 70', Gray 80'	Samples
Oct 8 5	80'	Brown 10', 15' Br, 30' Gray, Br 40', Gray 45', Br 50', 80'	Samples
		Br 100', Br Gray 80'	
Oct Sept 27	#7	Trench 10	
#1	35'	water	Samples Taken
#2	35'	water	" "
Sept 27 #3	30'	water	" "
Sept 27	#7	Trench 10	



140

Date:

Signed (Driller or Representative) Wayne H. H.

PLACER DRILL LOG

Date: June Sept 24/93 Time: _____

Driller: Wayne Hawkes

Helper: W. L. Fickler

Type of Drill: Kolany Udd

Inside Diameter of Drill: 2.5

Location: Quash Creek - Little Branch

Lease or Grant Numbers: 95 - 1146 7

Sept 0 -

DRILL HOLE NUMBER	TOTAL FOOTAGE	BREAKDOWN IN FEET (of materials encountered)	REMARKS: samples/results
# 1	35'	0' to 10' Grey Brown 10' to 15' Greenish Brown 15' to 20' Green Green 20' to 35' Green	unable to drill
# 2	30'	0' to 5' Brownish Brown 5' to 10' Green Brown 10' to 15' Green Brown 15' to 20' Reddish Brown 20' to 25' Reddish Brown 25' to 30' light grey	" "
# 3	30'	0' to 10' Brown Grey 10' to 25' Green Green	" "
		abandoned	

Signed (Driller or Representative)

APPENDIX 3

MAPS

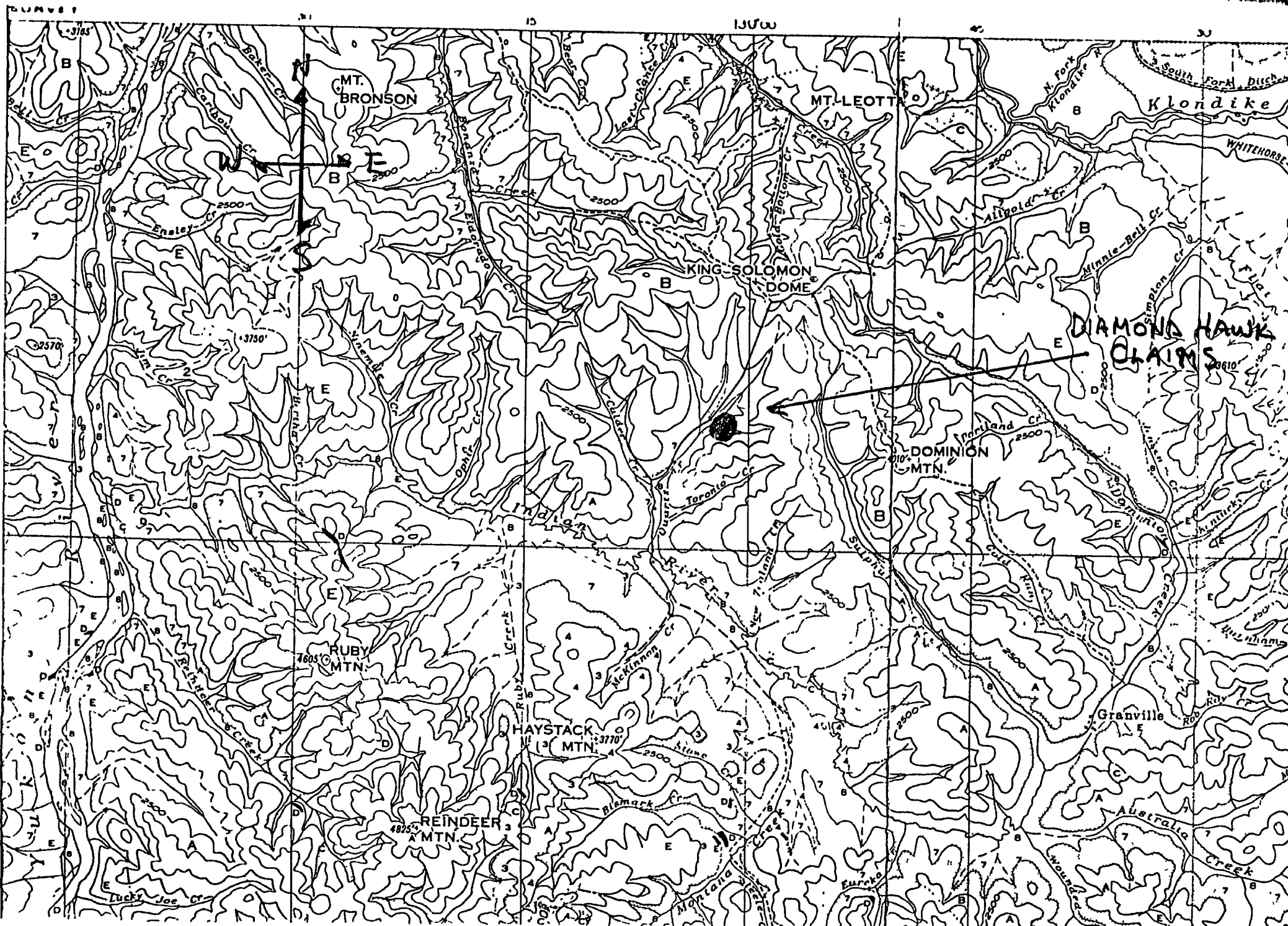
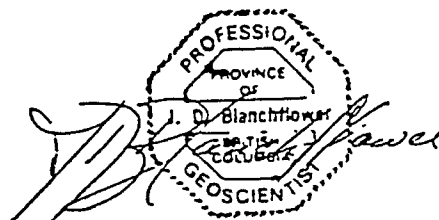
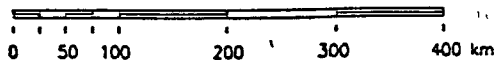
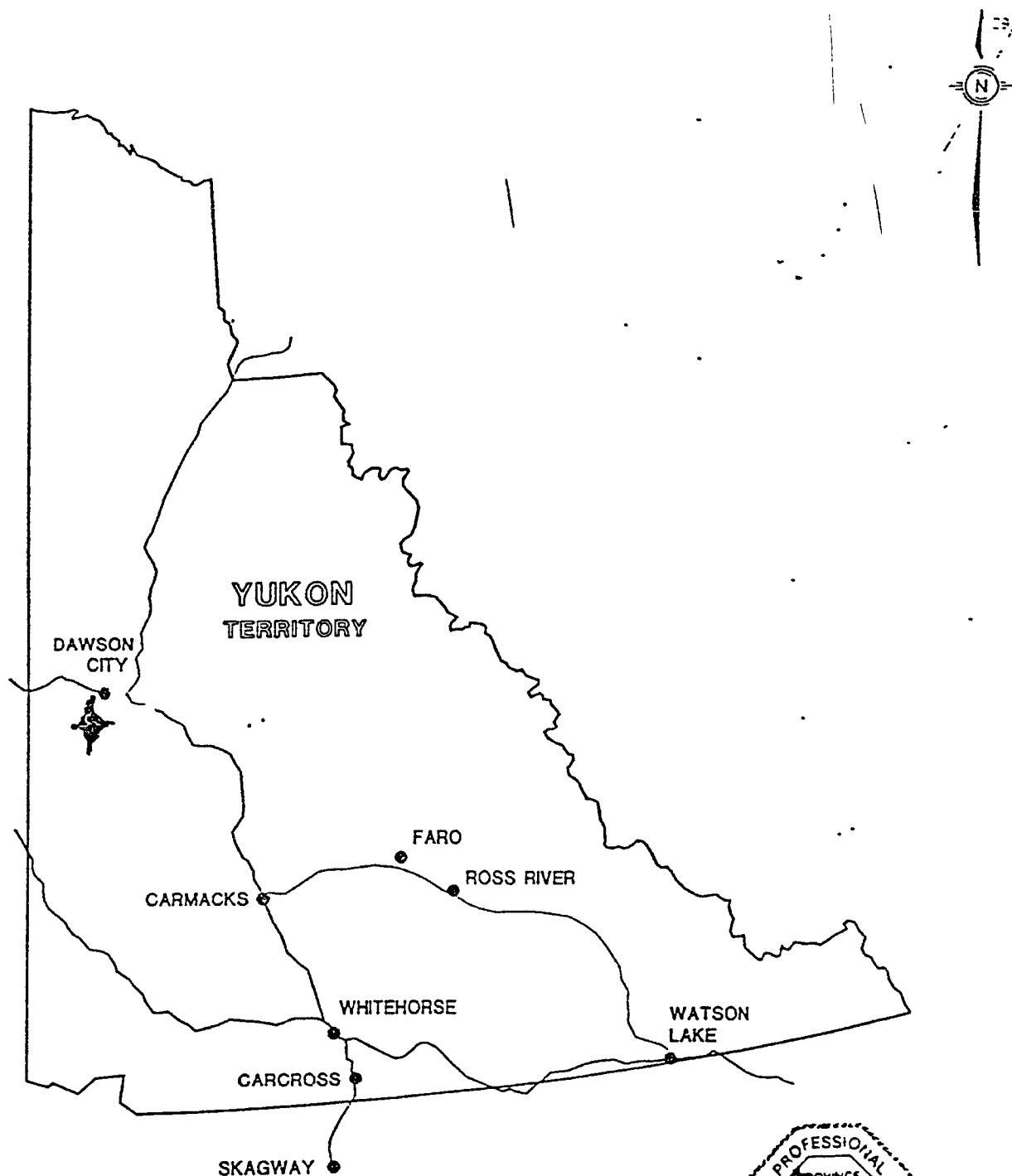


Figure 10 - sketch of location



TO ACCOMPANY REPORT BY J.D. BLANCHFLOWER 1992



GEOLOGICAL CONSULTANTS VANCOUVER B.C.

CHILLIWACK BRITISH COLUMBIA

★ LOCATION MAP
DIAMOND HAWK CLAIMS.

DAWSON MINING DISTRICT YUKON CANADA

Drawn by J.D. BLANCHFLOWER

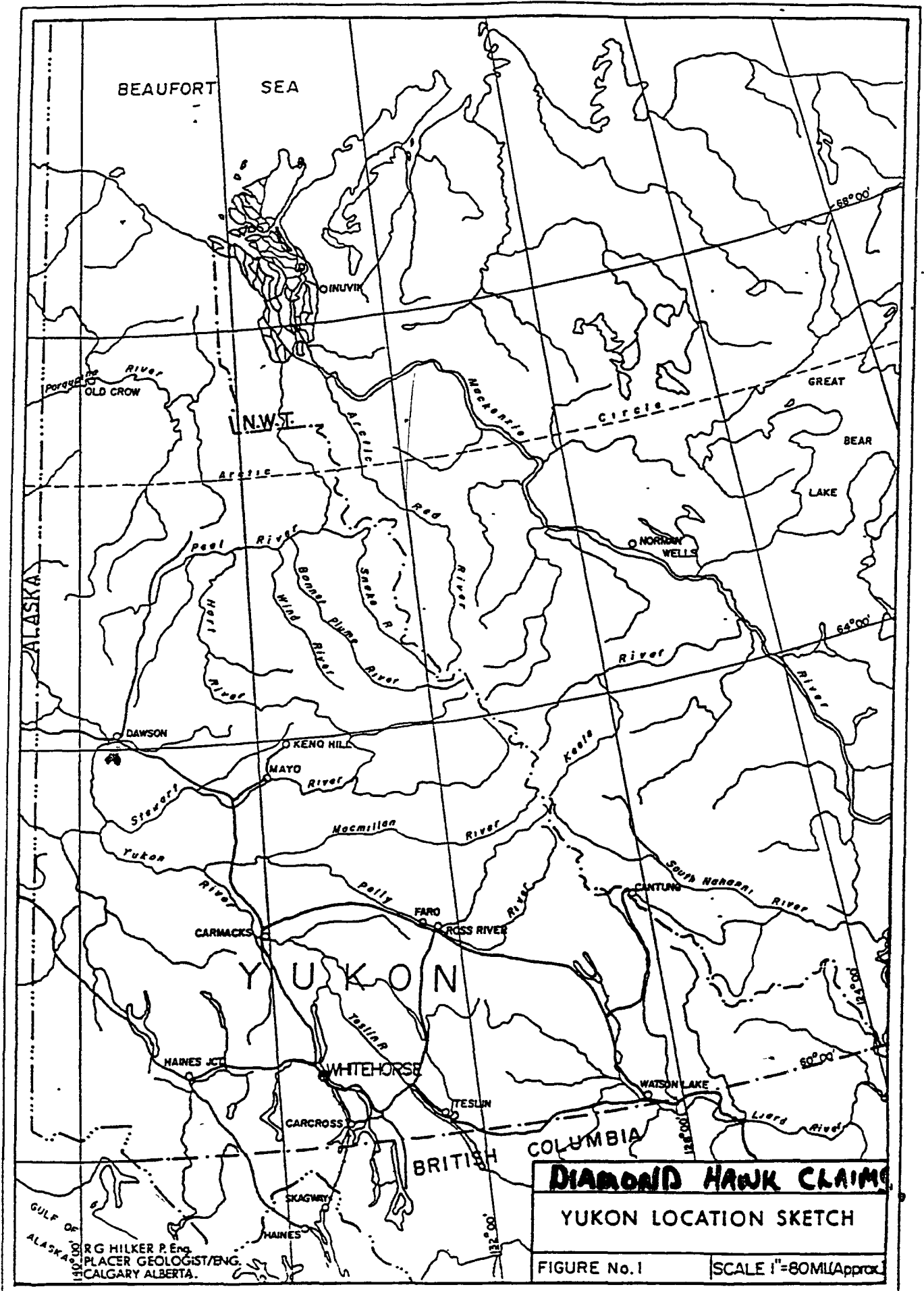
Scale as shown

Date

June 1992

Figure 12

1



Quartz Creek Road

100' Long x 16 1/2" wide x 6" deep.
91-95 *

#7 Rock Sample
#2-95 - #8 Rock Sample
100' Long x 16' Wide x 6' Deep. *

#11-95 - #12 Rock Sample
100' Long x 16' Wide x 6' Deep. *

3' W. D. VEIN
3' W. D. VEIN

#15 Rock Sample
100' Long x 16' Wide x 6' Deep. *

100' Long x 16' Wide x 6' Deep. *

DH' N.S.

(* HEAVY MINERALIZATION
(PYRITIC SULPHIDES.)

- N.S. NOT SAMPLED.

X Rock Samples

• DH-X (i.e. DH-1, DH-2,)

#4 300' Long X 12' Deep X 16' Wide

WYBEC SAMPLE

~~#4~~ ~~#2 - 94~~

~~DH6~~ ~~DH5~~ ~~DH4~~ ~~DH3~~ ~~DH2~~ ~~DH1~~ ~~SAMPLED~~ ~~SAMPLED~~ ~~SAMPLED~~ ~~SAMPLED~~ ~~SAMPLED~~ ~~SAMPLED~~

* #5 100' Long x 16' Wide x 6' Deep

ITS SAMPLED

* #5 100' Long x 16 wide x 6 deep

SAMPLED. #6
#4 SAMPLED
#3 SAMPLED
#2 SAMPLES
#1 SAMPLED

* #3 - 94/95 200' Long X 30' Wide X 16' Deep.

Rock Sample

100' L X 6' D X 16 W.

#2
 ROCK
 SAMPLE
 *
 L X 16 W X 6 D.
 #1
 #2
 #1
 2H3 SAMPLED.
 2H2 SAMPLED.
 2H1 SAMPLED.

$$\frac{60W, 400RTZ}{VEN}$$

1 MILE

Quality Crop *

FIGURE 3

Rock
#9 SAAFI

Rock
#1 SAAFI

No Name
Gulab

* ← 1/2 MILE FURTHER

