Prospecting Report: (a) Indian River *PGE* Prospects 115-0-11; (b) Foster Gulch Placer *Au* Prospect 116-B-3b; and (c) Mariposa Creek *Au* Quartz Prospect 115-J-15 & 115-0-2 Dawson Mining District, YT

Prepared by Tom Morgan and Vern Matkovich

in compliance with YMIP 01-071

January 30, 2002

YEIP
2001
-071

Prospecting Report: (a) Indian River *PGE* Prospects 115-0-11; (b) Foster Gulch Placer *Au* Prospect 116-B-3b; and (c) Mariposa Creek *Au* Quartz Prospect 115-J-15 & 115-0-2 Dawson Mining District, YT

Prepared by Tom Morgan and Vern Matkovich
in compliance with YMIP 01-071
January 30, 2002

INTRODUCTION + SUMMARY

LOCATION + ACCESS & OVERVIEW

① SAMPLE DESCRIPTIONS RMB-21-R-01 to R-13
21-IN-R-01 to X-09

② SAMPLE DESCRIPTIONS RMB-21-R-14 to 19

TABULATION OF ASSAY RESULTS of # ①

CLAIM MAP OF FOSTER GULCH SHAFT SITE

FOSTER GULCH SHAFT PROFILE

STATUS REPORT

SAMPLE LOCATIONS 21-IN-R-01 to R-08

SAMPLE LOCATION MAPS RMB-21-R-01 to R-19
DMN-20-R-01 to R-05
+ 21-IN-X-09

CLAIM MAP of RMB 1 to 8 claims

GEOLOGICAL MAP + LEGEND

MARIPOSA CR. SAMPLE LOCATIONS

MARIPOSA CR. - INTRO.

- LOCATION + ACCESS
- SAMPLE DESCRIPTIONS + LOCATIONS
- RECOMMENDATIONS + CONCLUSIONS
- TABULATION of 2000 Au RESULTS
- STATEMENT of EXPENSE

ASSAYS of 2001 - WF-21-X-001 to WF-21-S-022

ASSAYS of 2001 - RMB-21-R-01 + RMB-21-R-13
21-IN-R-01 to 21-IN-X-09
FC-21-PC-01 + 02

ASSAYS of 2001 RMB-21-R-14 to RMB-21-R-19

ASSAYS of 2000 DUN-20-R-01 to DUN-20-R-05

DIARY of FIELD WORK

Introduction and Summary Prospecting

FOSTER CREEK shafting project between April 9/ April 20, (12 days) consisted of digging an 18' x (2'x3') x (4'x6') shaft to bedrock and testing 1 cubic meter of gravel/bedrock contact 0 3 gr Au was recovered The concentrate was assayed for Pd, Pt and came back weakly anomalous Nts 116 B-3-b samp FC – 21- PC – 01
Lease # 1D00318 1 mile

The INDIAN RIVER traverses between May 24/ May 28,(5 days) and August 12,(1 day), consisted of checking Bostocks mapping of mafic / ultramafic sequences on the 115-0-11 map sheet Samples were taken of these and surrounding rock types One gabbro came back anomalous in Pt @ 07V 061632 (0 09g/mt Pt + 0 04g/mt Pt) (21-IN-R-OZ)
UTM7065165

The RMB traverse was to a dunite unit at the head of Rosebute, ~~(5 days)~~ Montana, ~~(4 days)~~ and Bismark Creeks, (9 days), at UTM 0587454, 07V7050205 Samples were taken across the visible extent of the ultramafic unit Layering of dunite and ~~pyproxme~~ pyroxene was seen in outcrop and one layer of dunite with stock worked segragations One assay over 2m assayed 0 08g/mt Pd and 0 11g/mt Pt Due to the high percentage of overburden coverage and thick brush, line cutting and geophysics is the next logical step to take 8 claims were staked over the center of the intrusion RMB 1 to 8
Claim #'s YC20955 to YC20962 Dates worked June 14 to 18 and August 21 to 24

The MARIPOSA prospecting ,(7 days) took place on claims staked, (within the last year, Aug 12/00) on Wolf 29 to 42 YC20251 to YC20264 on NTS 115-J-15 , 115-0-1 , and 115-0-2 A total of 22 samples were taken between July 21 to July 29, (5 days work on these claims and 2 days travel) Two zones of interest were found during this time One, (70ppb Au) in a soil line that correlates with R MacFee's data on the Fish claims, and one with a suffetic intrusive dike that crosses Mariposa Creek on Wolf 41, YC20263, that was exposed through placer mining

LOCATION **of GRASSROOTS PROSPECTING TARGETS**

Ultramafics that surround the main Indian River dunite intrusian on Montana Creek, Ruby Creek and the Indian River were the target areas for 2001 Pd . Pt values were found in our 2000 Grassroots Prospecting Program in the Indian River dunite, now covered by claims DUN 1-24 Of the 5 areas proposed . 3 were visited and 2 were found to have these intrusives and associated Pt.Pd values These ultramafic intrusives are in the Dawson Mining District on map sheet 115-0-11 and have UTM coordinates of PGE bearing samples @

#1- Indian River	07V 0601632 (samp 21-IN-02 @ 0 13g/t Pt+Pd)
	7065165 fr a gabbro
	NTS 115-O-11
#2 - Montana Cr , upper end	07V 0587454 (samp RMB-21-R-01 @ 0 19g/t Pt+Pd)
	7050235 fr a dunite
	NTS 115-O-11

Two other targets were added to the proposal during the 2001 season that turned out anomalous values in Au Foster Gulch is a placer prospect and Mariposa Cr Is a quartz prospect with UTM coordinates of anomalous Au samples @

#3 - Foster Gulch	07W 0636527 (shaft test of 1cu yd of bedrock gravels
	7104280 @ 0 3g/cu yd
	NTS 116-B-3-b
#4 – Mariposa Creek	07V 0625486 (samp WF-21-R-018 @ 2530 ppb Au
	6987507
	NTS 115-O-2

Target #1 is accessed from the Indian River Hay Farm, which is located approx 75km south and east of Dawson City by road To get there you take either the Hunker Cr road or the Bonanza Cr road to the Quartz Cr turn-off Follow Quartz Cr road to the old dredge at the mouth, then turn left and follow the road upstream on the Indian River (approx 10km) to the farm Target #1is accessed from the farm by 4 wheeler, following old Cat trails up the Indian River valley for 8km then on foot for 2km and across to the north side of the Indian River and a further 1 5km downstream along this north bank

The upper end of Montana Cr . target #2, is accessed from the farm with 4 wheeler by following the old Dawson- Whtse Trail for 12 kms .and then a Cat trail for a further 8 kms Another 4kms on foot puts you at the upper end left limit tribs of Montana Cr . which cut the ultramafic intrusive Another route to this intrusive is by the Rosebute road which is accessed from Dawson via the Hunker Cr road to the Hunker Cr summit where the Domminion Cr road can be taken on the left This road is followed 35k To the Granville turn off on the left The Indian R is followed till the road crosses the Indian R bridge The road up the hill to the left is taken from here past Eureka Cr ,Montana Cr .& down into Black hills Cr At 8km down Blackhills Cr the road takes off up the hill from the Black hills road 200m before Joel Whites' placer mining camp The road is followed 25km to Henderson Dome keeping to the right past the Maisy Mae Cr turn off and the Henderson Cr turn off to continue another 30km to the right fork of Rosebute Cr turn off Take the right fork of the road and go another 12km to the top of the dome Just before the road drops off into the Left fork of Rosebute Cr a cat trail takes off to the right @ NNE along the ridge between Montana Cr and Rosebute Cr This cat trail cuts the RMB intrusive 3 5km from the Rosebute road RMB stands for Rosebute, Montana. Bismark which are the three creeks that drain this ultramafic dome It is also the name of the claims staked this year over the center of the exposed ultramafic outcrop RMB 1 to 8

These intrusives are listed as ultramafics which intruded into a shallow inland marine basin There is little known data on them Limited sampling has identified PGEconcentrations in three separate mafic/ultramafic intrusive bodies within a 15m radius as well as some layering in the ultramafic outcrop Another encouraging fact is that surrounding these ultramafic intrusives are large volumes of basalt flows Large volumes of flow from underlying volcanic chambers was instrumental in the formation of the Nord 'lisk deposit in Russia The geophysics run this winter on DUN 1 to 24 covering the Indian R

dunite worked very well for identifying and following anomalies under the moss covered and eroded sections of the unidentified part of the intrusion Performing geophysics and sampling these anomalous zones will be the key part of the programs to follow in future explorations of these mafic /ultramafic units of the Indian River drainage basin

Foster Gulch is located on the right limit of the Klondike River across from the mouth of Hunker Cr It can be accessed by boat or snowshoe on the Klondike River by parking at the Bear Cr subdivision turn off , on the Klondike hyway and walking to the edge of the river and over by boat or foot A road goes from the river up Foster Gulch to connect with the ridge / tower road 6k to the north The road goes west 8k past the fire tower to the dome road that winds 5k down to Dawson City It is at best bad summer access The shaft is located 400m up from the river and is on the left limit of Foster gulch in the 30m wide narrows of the gulch The left limit hillside has sluffed and pushed the creek hard against the right limit hillside which the cat road has cut into and exposed outcrop and subcrop material Rolling banks of mud extend up to the bench flat 150m above on the left limit side of Foster gulch The shaft showed enough 1mm to 4mm pieces of Au to add up to 0 3g Further work in drifting from the bottom of this shaft is warranted , especially under the left limit mud and gravel bank This is the most likely spot to find a reworked section of the Au bearing bench gravels. found on both sides of the gulch along its bottom mile from the Klondike River up The PGE potential of the ultramafic at the headwaters of Foster gulch appears to be low from the assay of the pan concentrate obtained from the cu yd of shaft bottom gravels The pan conc from Rosebute Cr , which cuts the RMB intrusive had anomalous PGE #s from a much smaller concentration of gravels The RMB intrusive has anomalous PGE #s in some dunite layers which shows a correlation to the pan conc assay

Mariposa Cr is located about 90km S of Dawson City One can fly to the Scroggie Cr airstrip and then travel 7km up the Scroggie Cr road and up into Mariposa Cr to the first right limit trib A placer test pit has been done on this right limit side of Mariposa Cr exposing a 2m section of slightly sheared quartz / sulfide rich granitic bedrock A chip sample across this section came back 2530 ppb Au This needs to be followed up and see if an extension of this zone exists This sample and 21others were taken on claims staked within the last year The report is contained within

SAMPLE DESCRIPTIONS

FC-PC-Z1-01- **07V 0636527 7104280**

Concentrate sample from 1 cubic yard of gravel down to coffee can, had basically trace PGE's for a pan concentrate Foster – shaft site

FC-PC-21-02- **07V 0581615 7047695**

Concentrate from panning 5 pans and keeping conc All the visible gold was taken out and the conc Assayed, showing anomalous precious metals and PGE Rosebute Creek

21-IN-R-01- **07V 0601632 7065165**

Altered Gabbro float to subcrop

21-IN-R-02- Same as 01 + 20m W further into intrusive body

21-IN-R-03- **07V 0601662 7065097**

Volcanic Tuff with large hornblende crystals, in contact with **R-01.**

21-IN-R-04- Gabbro outcrop to medium 25 cm feldspar and a light green color 100m W of **R-02**

21-IN-R-05- **07V 0601381 7065498**

Fine grain, greenish brown sandstone Very close to gabbro in look

21-IN-R-06- **07V 0598850 7068450**

Quartz vein with oxidized zones in vuggy sections from New Zealand ridge area

21-IN-R-07- **07V 0603115 7063786**

Moosehead Volcanic Calcareous volcanic Andicite to Dacite Comes out of the Indian River valley flat

21-IN-R-08- **07V 0602665**
7062612

Indianhead Volcanic ANDESITE

21-IN-X-09- **07V 0596967**
7061187

Redish brown soil 2km from known ultramafic **(DUN-20-R-05)**
(2km S)

JUNE 15/16/2001

RMB-21-R-01- **07V 0587454**
7050205

Altered dunite with segregation's above pyroxinite layer 2m chip from pyroxinite up into dunite layer

RMB-21-R-02- Sample of pyroxinite layer below dunite of **RMB-21-R-01** 1m chip

RMB-21-R-03- **07V 0587878**
7050343

Dunite from top of hill fine grained silicified 1m chip across layers

RMB-21-R-04- **07V 0587835**
7050383

Dunite with surpentinized layers 1m chip across layers

RMB-21-R-05- Quartz hornblende vein indunite (barite)

RMB-21-R-06- **07V 0587726**
7050318

Alternating layers of pyroxine and dunite (2-5cm Wide)

RMB-21-X-07- **07V 0587526**
7049907

Soil line starts on road and heads south

RMB-21-R-08- Rock grabs from **07** and **09** area Fine grained to coarse grained, some alteration, becoming more crystaline

RMB-21-X-09- Soil sample 75m from **07.**

RMB-21-X-10- Soil sample 75m from **09**

RMB-21-X-11- Soil sample 50m from **10**

RMB-21-X-12- **07V 0587548 7049640**

Soil sample 50m from **11**

RMB-21-R-13- Rock grabs from X-10 to X-12 ~~ARE lots of~~ metamorphosed Ultramafic showing, as I moved south out of the intrusion

SAMPLE DESCRIPTIONS

RMB-21-R-14 (UTM ON 0587899 7050284)

Layered fine grain sample

1.5m chip

RMB-21-R-15

Soft dark fine grain ultramafic (OTV 0588231 7050338)

0.5m chip

RMB-21-R-16

Dunite w silver flecks of mica in groundmass

Grab sample (UTM 0587812 OTV 7050289)

RMB-21-R-17

Resample of R-01 Pt, Pd anomalous sample

1m chip of dunite material (OTV 0587454 7050235)

RMB-21-R-18

Outcrop 100m SW of R-17

1m chip of dunitic layer above a pyroxenitic layer (0.5cm platy crystals

RMB-21-R-19

Grabs of dunite 100m SW of R-18

TABULATION OF ASSAY RESULTS FOR 2001 PROSPECTING

RMB21	Au*	Pd*	Pt*	Cu*	Zn*	Cd*	Co*	Ni*	Cr*	Mn*	Ca%	Fe%	Mg%	V*
R-01	<	08	11	16	39	<	111	1040	95	993	03	4 44	19 0	4
R-02	02	01	<	97	19	<	48	187	530	374	21	3.07	6 07	77
R-03	<	01	01	15	27	<	98	1821	237	851	33	4 42	21 0	8
R-04	01	01	01	39	38	<	103	603	273	1014	12	5 93	17 0	14
R-05	01	01	<	2	6	1	7	17	40	120	52	0 40	2 14	<
R-06	01	03	02	123	36	<	105	875	169	1113	43	5 97	18 0	8
X-07	<	01	<	61	51	<	22	76	50	287	24	3 15	0 81	71
R-08	<	02	01	69	69	1	22	58	64	261	1 82	1 73	0 60	44
X-09	<	01	<	43	54	<	18	42	124	308	19	3 10	0 66	73
X-10	<	<	<	65	66	<	33	98	101	514	26	3 43	1 32	115
X-11	<	01	<	99	56	<	41	337	345	667	63	3 20	2 94	100
X-12	<	<	<	52	30	3	17	65	154	225	33	1 95	1 15	51
R-13	<	<	<	70	16	<	33	130	124	341	1 46	2 37	2 94	40
21-IN-														
R-01	01	01	<	23	84	<	13	19	52	906	42	3 39	0 72	74
R-02	01	09	04	19	55	<	15	11	49	963	65	2 74	0 98	78
R-03	<	01	<	18	92	<	16	5	41	929	1 14	4 10	0 80	120
R-04	01	01	<	18	87	1	18	14	69	1139	99	3 97	1 49	127
R-05	02	01	<	4	10	<	3	3	129	87	02	1 27	0 04	2
R-06	<	01	<	13	94	<	13	6	42	833	1 55	4 26	1 33	100
R-07	<	01	<	19	83	<	17	13	33	699	92	3 25	1.08	108
R-08	<	<	<	7	85	<	9	4	39	606	76	3 23	0 78	70
X-09	01	02	01	162	897	3 7	13	259	181	481	1 73	3 08	1 18	726
LFM21-R-01	<	01	<	10	91	<	8	14	32	523	59	2 12	0 28	51
PC-01	06	08	06	58	115	<	50	211	460	1335	0 37	8 66		
PC-02	6 48	29	19	12	27	<	15	8	33	349	1 19	13 0		

* = ppm

TABULATION OF SAMPLES

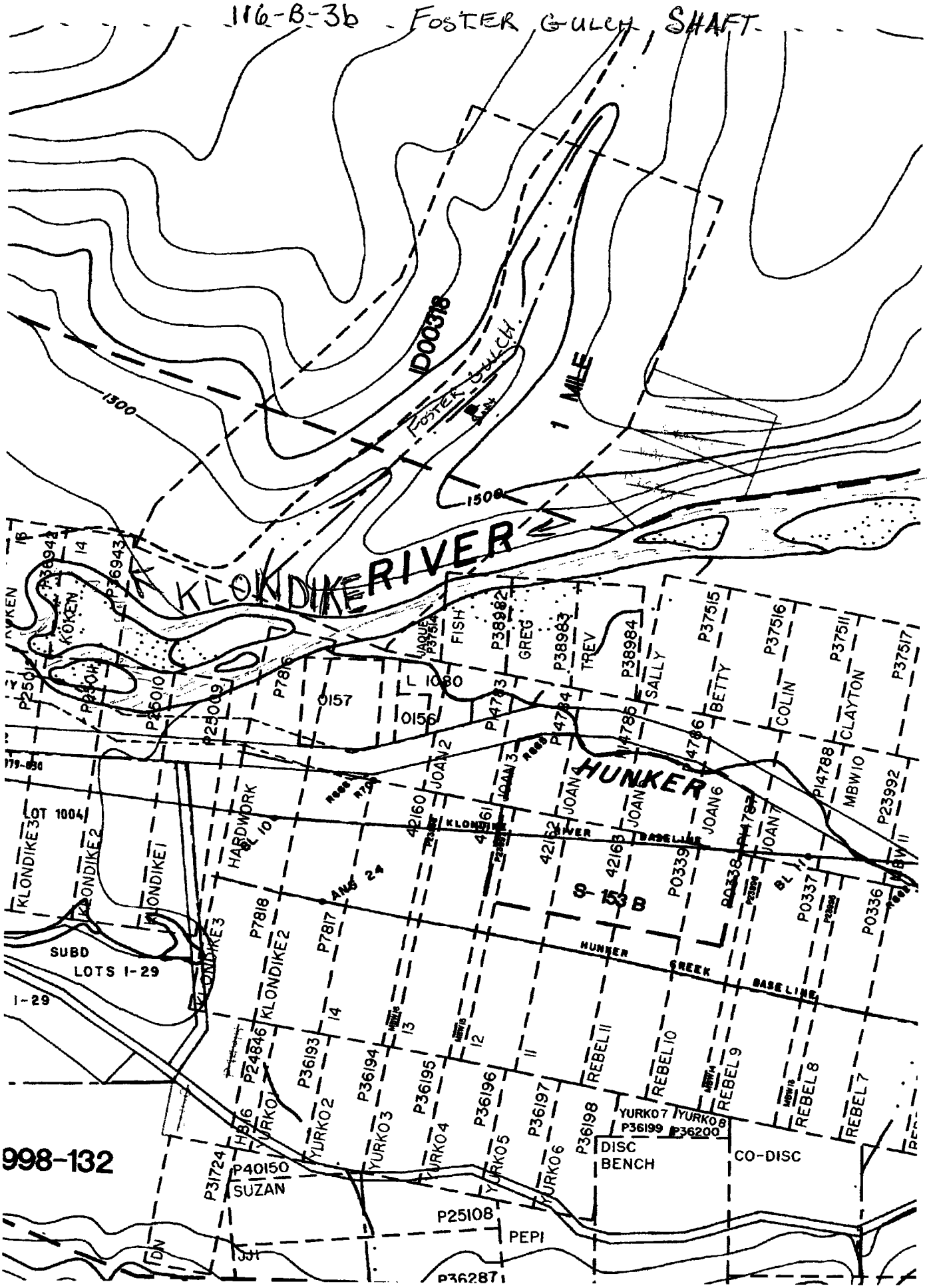
RMB DUNITE INTRUSION

SAMPLE	Au ppb	Pt ppb	Pd ppb	Co ppm	Ni ppm	Cr ppm	Fe %	Mg %
RMB-21-R-14	–	<	10	93	742	303	6.11	18
R-15	–	22	15	117	850	96	6.96	18
R-16	–	<	<	90	2195	110	4.70	22
R-17	–	65	105	107	988	63	5.91	21
R-18	–	<	<	105	1253	179	6.54	19
R-19	–	<	3	101	785	78	4.48	19

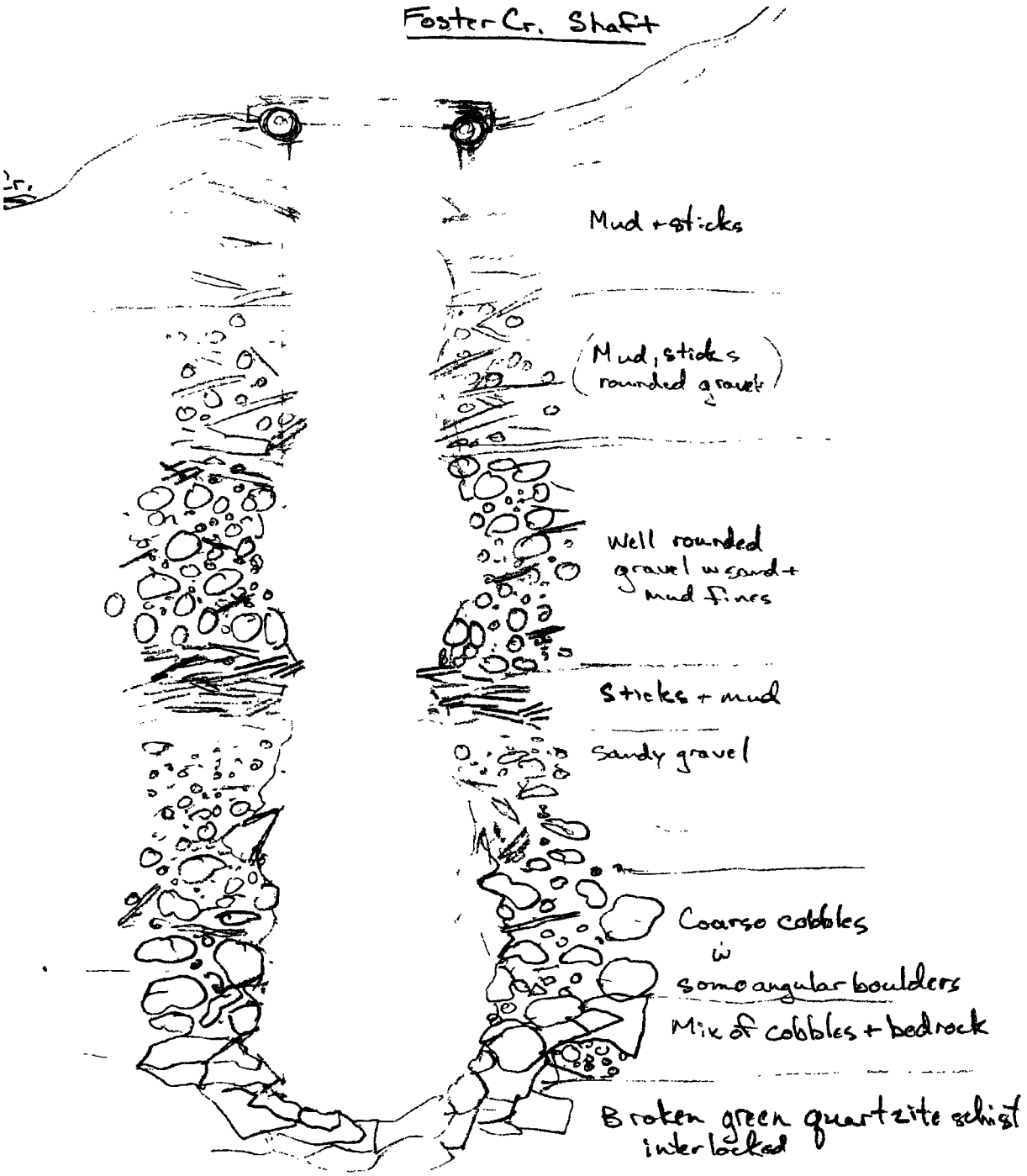
2000 INDIAN R DUNITE INTRUSION

	Au	Pt	Pd	Co	Ni	Cr	Fe	Mg
DUN-20-R-01	0.02	<	<	53	1252	697	3.08	5.92
02	0.02	<	0.12	66	1266	759	3.77	8.96
03	<	0.05	0.01	73	1403	568	3.47	7.18
04A	0.01	<	0.01	66	1292	978	4.28	7.44
04B	0.01<	<	0.01	77	1669	856	4.27	5.31
05	0.01	0.01	0.01	66	1313	470	3.14	12

116-B-3b - FOSTER GULCH SHAFT



Foster Cr. Shaft



1cm = 1ft.

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

PROSPECTING LEASE STATUS REPORT

30 January 2002

Title #	Expiry Date	Registered Holder	Start Date	Maximum Term	Location	# of Miles	NTS #'s
ID00318	2002/03/12	Mary Anne Chudy	2001/03/12	3	Foster Gulch	1	116-B-03b

Criteria(s) used for search.

REGULATION TYPE PROSPECTING LEASE

Left column indicator legend

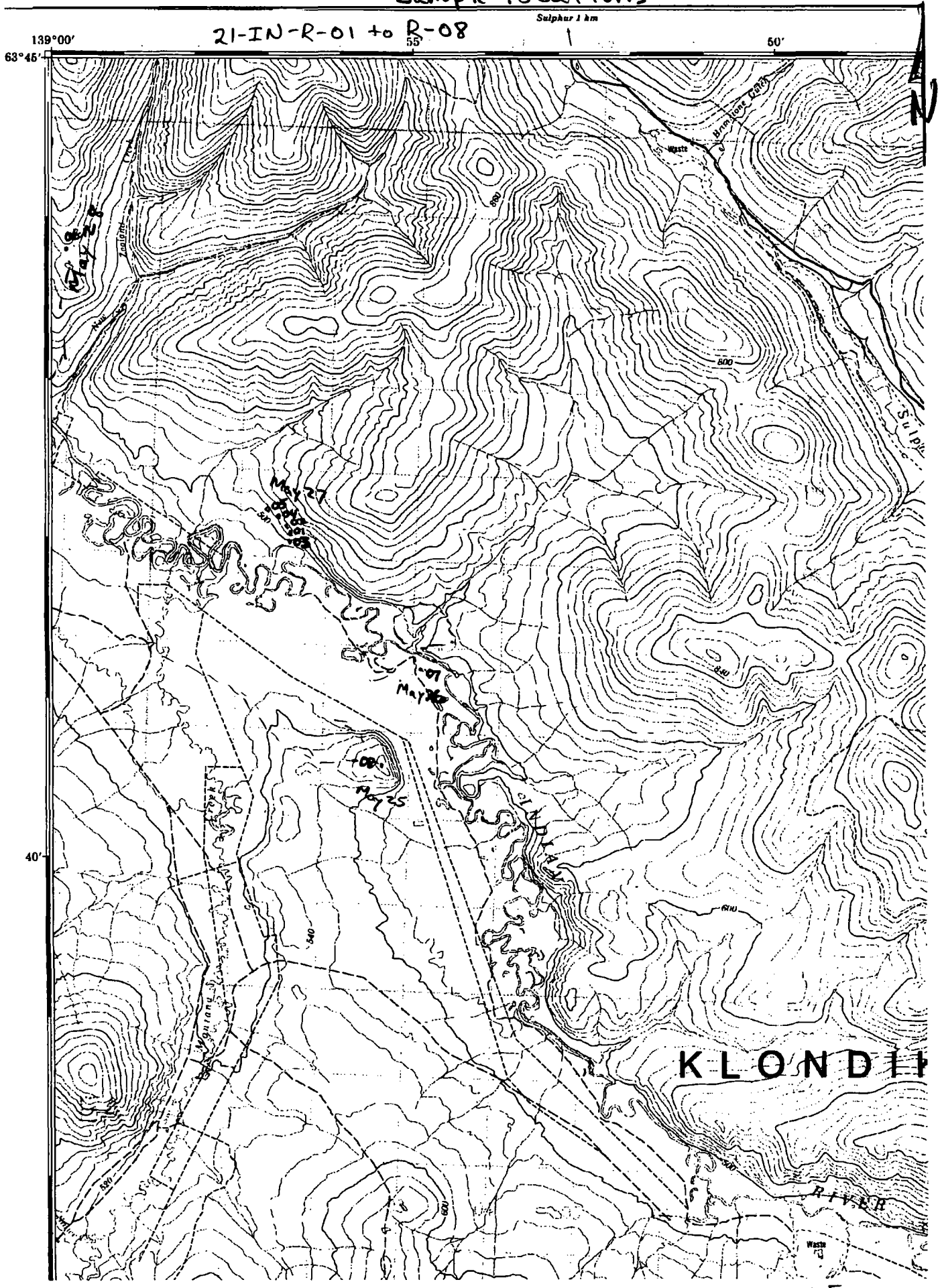
R - Indicates the disposition is on one or more pending renewal(s)
P - Indicates the disposition is pending

Total claims selected 1

Canada

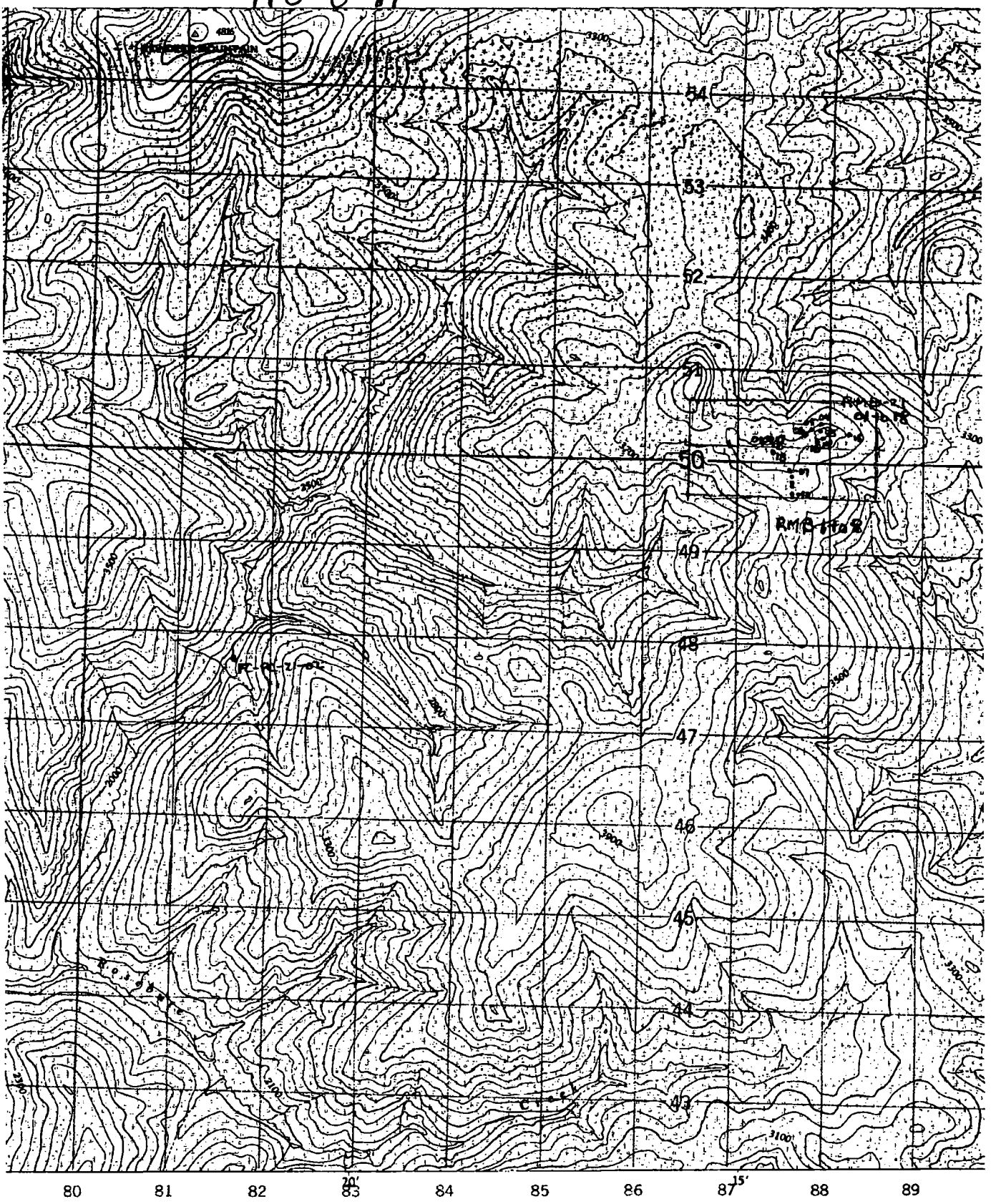
Sample locations

21-IN-R-01 to R-08



1:50,000
1cm = 500m

115-O-11



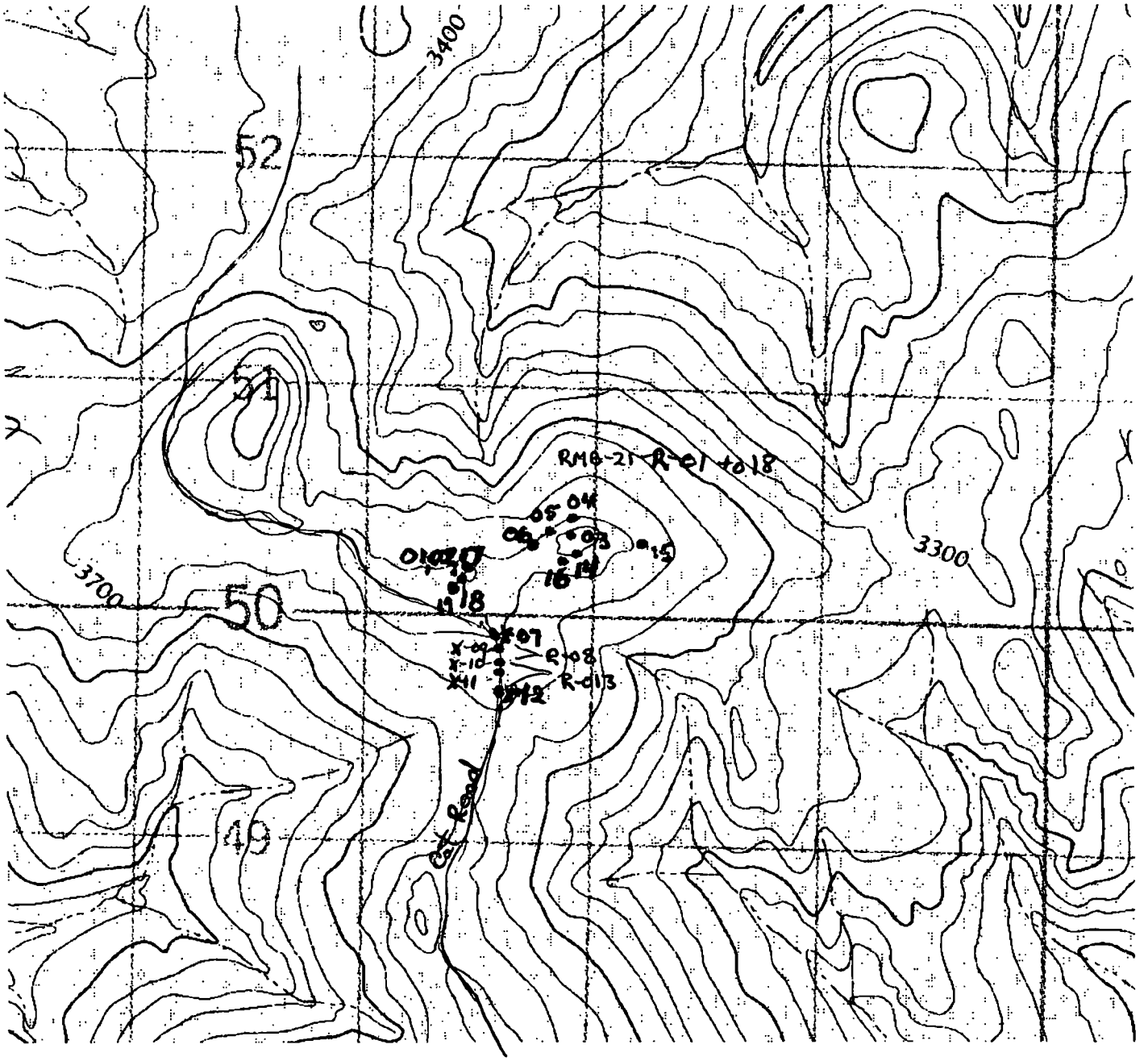
(Joins Stewart River 115 O/6)

REINDEER MOUNTAIN

YUKON TERRITORY

1 : 50,000 1cm = 500m

SAMPLE LOCATIONS OF RMB-21-R-01 to RMB-21-R-18

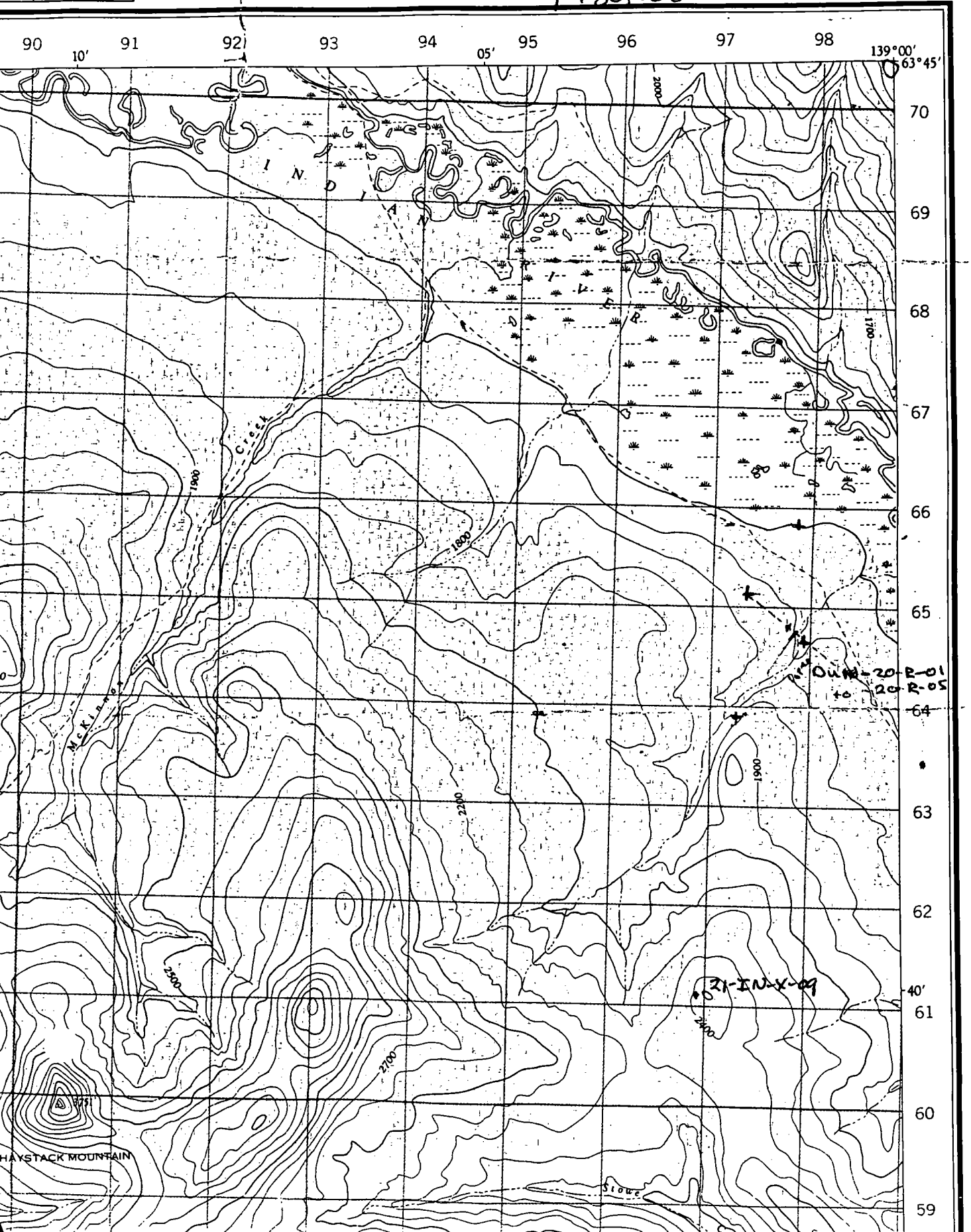


SAMPLE LOCATIONS OF
DUN-20-R-01 to 05
21-IN-X-09

CARTE PROVISOIRE

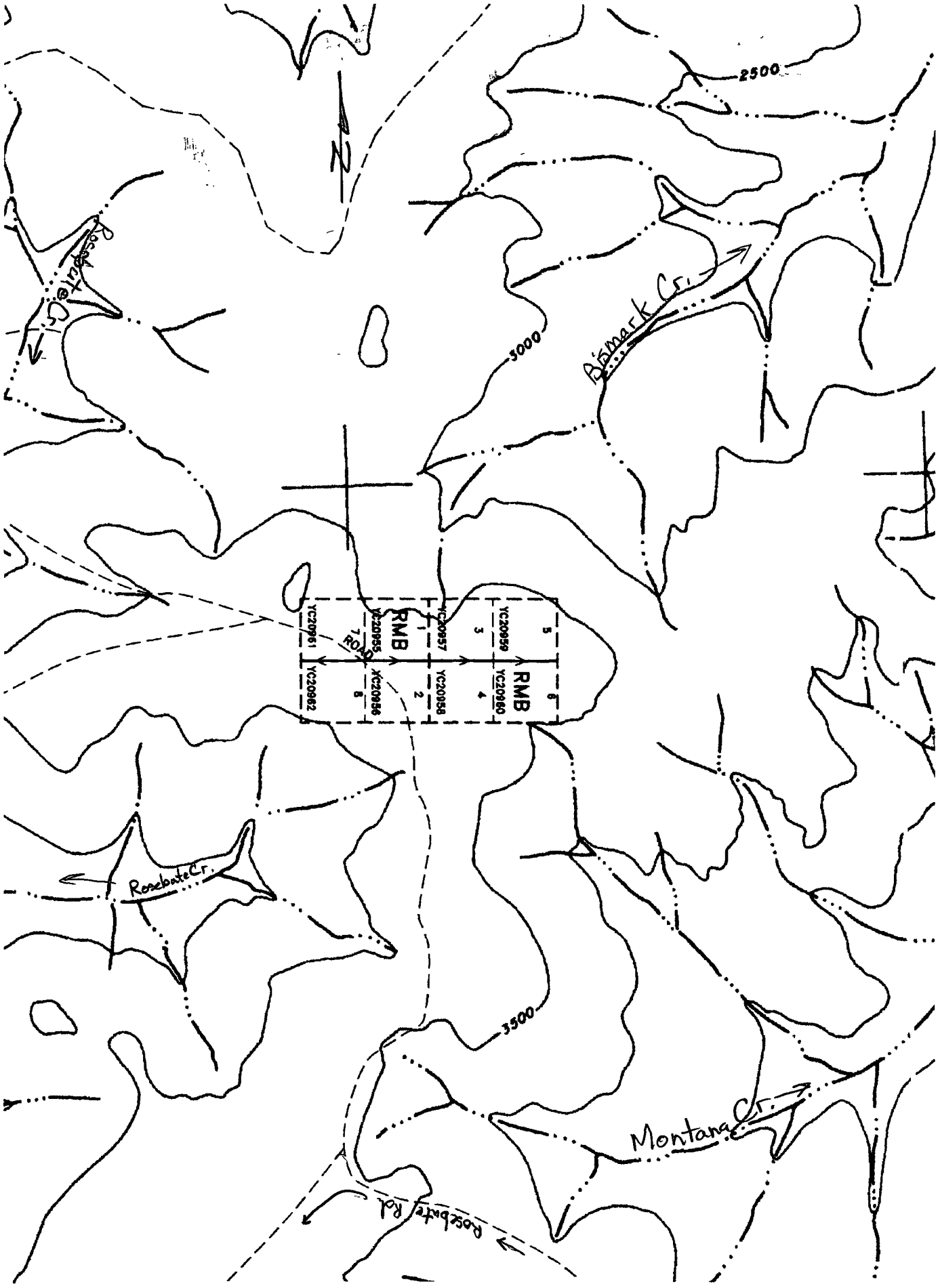
0 as:	0/11 EDITION 1 ASE SERIES A 722

EDITION 1 1:50,000 115 O/11

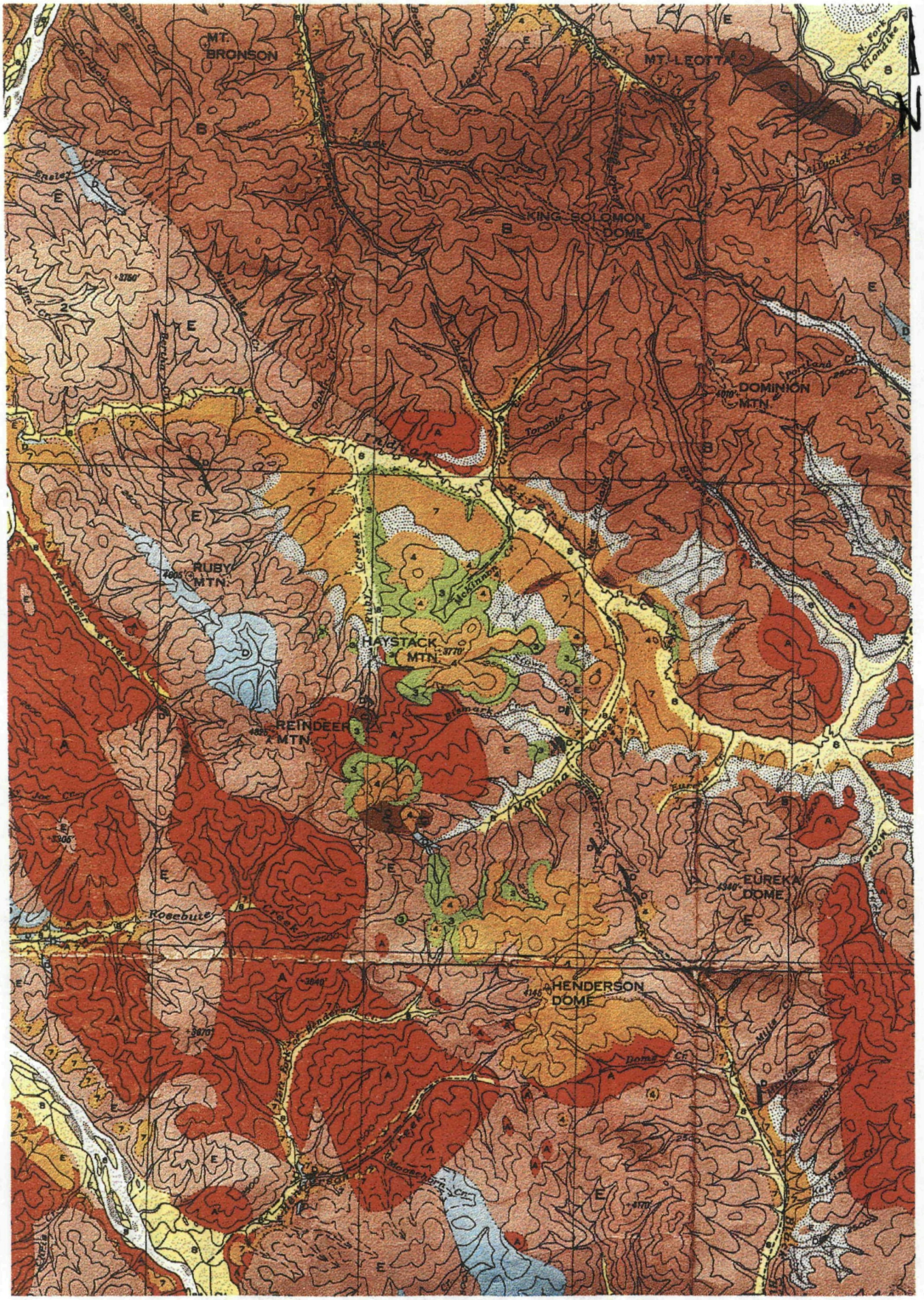


CLAIM MAP

115-0-11



GEOLOGICAL MAP by H.S. BOSTOCK



1in = 4mi.

Regional Geological Legend
115-0-1 and 115-0-2

by H. S. Bostock

RECENT
8-Stream deposits

TERTIARY AND MODERN
7-Stream deposits

SELKIRK SERIES
6-Basalt, andesite

TERTIARY
EOCENE OR LATER
5-Granite porphyry, syenite porphyry
4-Andesite, basalt, dacite, trachyte, rhyolite, breccia, tuff, agglomerate

EOCENE
3-Conglomerate, sandstone, shale, coal, tuff

JURASSIC OR LATER
2-Chiefly granite and granodiorite

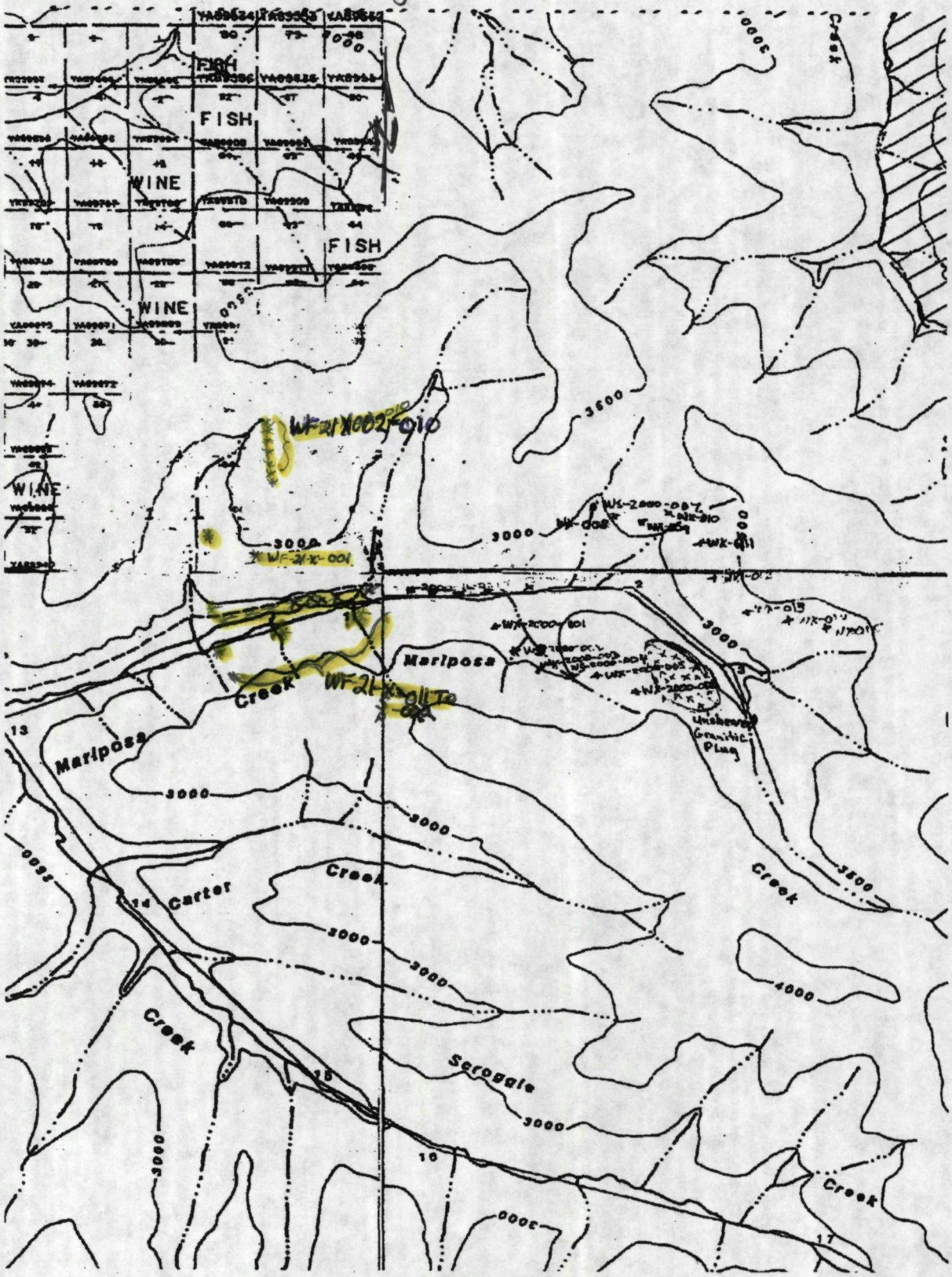
ORDOVICIAN OR LATER
1-Argilite, sandstone, conglomerate

PRECAMBRIAN AND LATER
A-Chiefly gneissic granite
B-Klondike schist: sericite schist, minor chlorite schist
C- Gabbro, pyroxene, peridotite, serpentine
D-Limestone
E-Gneiss, quartzite, schist, slate

MAP 711A
OGILVIE, YUKON
Scale 1 253,440
One inch to 4 miles

Sample Locations Mariposa Cr.

July 21-29, 2001 1:30,000



Introduction

The Mariposa Creek claim block, comprised of WOLF 1-42, MB 1-6,and PYREX 1-4, was prospected from July 21 to July 29, 2001 and twenty-two samples (three rock and seventeen soils) were taken at that time Tom Morgan and Vern Matkovich worked for a total of 17 man/days over 9 days. Most of this seasons work was done on the WOLF CLAIMS 24-42 , staked on Aug 12 , 2000.

This project was a group effort of pooled resources from Stuart Schmidt, Vern Matkovich, Carl Jonas, Tom Morgan and the Bidrman family The property ownership is as listed in the Indian and Northern Affairs Claim Status Report, following page

Location and Access

The claim block, which is comprised of WOLF 1-42, PYREX 1-4, and MB 1-6, is located on the upper end of Mariposa Creek in the Dawson Mining District. The area is located on map sheets 115-J-15, 115-J-16 and 115-0-1.
Easting boundaries - 07V 0626250 to 0630000
Northing boundaries - 6986750 to 6989250.

The claim block is accessed by flying to Scroggie Creek airstrip near Bidrman's placer mining operation at UTM 07V 0622100
6990750
The old mining road along Scroggie Creek is then followed 4km upstream to Butterworth's old mining camp by the mouth of Mariposa Creek This is where we based our operations from From there to the start of the claim block is another 2 km up Mariposa Creek on the old mining road.

A winter access road runs from Pelly Crossing to Scroggie Creek over a distance of 145 km. This road travels through Pelly Farm , two miles up from the confluence of the Pelly and Yukon rivers Heavy equipment accesses the Scroggie Creek area this way

Sample Descriptions and Locations

WF-21-X -001- Soil sample of C horizon . red to tan color Taken at 55cm depth Apparent contact of schist with fine grain volcanics
UTM 07V 0625580 **WOLF 31 YC20253**
6987906

WF-21-X-002 - Soil sample of C horizon, quartzite schist
WOLF 33 YC20257
UTM 07V 0626013
6988512

WF-21-X-003 - Soil sample of quartzite schist, C horizon
50m north of X-002 **WOLF 33 YC20257**

WF-21-X-004 - soil sample in decayed schist, C horizon
50m north of X-003 **WOLF 33 YC20257**

WF-21-X-005 - Soil sample of C horizon ,in fine grained volcanics
50m north of X-004 **WOLF 33 YC20257**

WF-21-X-006- Soil sample of C horizon ,decayed quartz
50m north of X-005 **WOLF 33 YC20257**

WF-21-X-007- Soil sample of C horizon, decayed bedrock
50m north of X-006 **PYREX 33 YC20257**

WF-21-X-008-Soil sample of C horizon, decayed bedrock
50m north of X-007 **WOLF 33 YC20257**

WF-21-X-009 -Soil sample of C horizon, decayed bedrock
50m north of X-008 **WOLF 33 YC20257**

WF-21-X-010-Soil sample of C horizon ,decayed bedrock
50m north of X-009 **WOLF 33 YC20257**

WF-21-R-011- Rock sample of quartz vein
UTM 07V 0625339 **WOLF 40 YC20262**
6987529

WF-21-X-012-Soil sample of reddish-brown soil on road cut to Mariposa Creek
WOLF 42 YC20264

sample descriptions and locations con't

WF-21-X-013 Soil sample of reddish-brown soil on road cut to Mariposa Creek
UTM 07V 0629083 **MB 1 YC17410**
6987662

WF-21-R-014 Rock sample of amphibolite-schist bedrock, 1m chip -
UTM 07V 0625637 **WOLF 41 YC20263**
6987541

WF-21-R-015 Rock sample of amphibolite schist, creek float
50m upstream from –R-014 **WOLF 41 YC20263**

WF-21-R-016- Rock sample of creek float, disseminated pyritic granitic schist
50m upstream from –R-015 **WOLF 41 YC20263**

WF-21-R-018- 2m chip of pyritized granitic dike material
UTM 07V 0625486 **WOLF 41 YC20263**
6987507

WF-21-S-019- Stream silt sample, third left limit drainage on Mariposa Creek
UTM 07V 0625926 **WOLF 41 YC20263**
6987506

WF-21-S-020- Stream silt sample
UTM 07V 0626439 **WOLF 41 YC20263**
6987589

WF-21- S-021-Stream silt sample.
UTM 07V 0625344 **WOLF 42 YC20264**
6987333

WF-21-S-022-Stream silt sample
UTM 07V 0625365 **WOLF 42 YC20264**
6988619

MB-21-X-001-Stream silt sample
UTM 07V 0629750 **MB 5 YC17414**
6986891

MB-21-X-002-Stream silt sample
UTM 07V 0629508 **MB 5 YC17414**
6987266

MB-21-X-003-Stream silt sample
UTM 07V 0629272 **MB 3 YC17412**
6987234

Recommendations and Conclusions

The line of soil samples (WF-21-X-002 – WF-21-X-010) taken on WOLF CLAIM 33 returned with one minor anomaly in sample WF-21-X 004 with 72 ppb Au Being that this sample line is located on top of a flat plateau above the head of the left limit tributary to Mariposa Creek, and is in the zone of the lineament intersection targeted by the McFee program in 1988, more testing seems warranted More hand dug test pits and sampling should be done to the west of this soil line , along the slopes of the top end of the tributary

The rock sample taken from the pyritc granitic dike material on Mariposa Creek opposite the mouth of the above mentioned tributary (WOLF CLAIM 41) returned an anomalous value of 2530 ppb Au (WF-21-R-018) Further work should be done to determine the size and orientation of this structure

If the results of further sampling at the above locations indicates mineralization of more economic proportions, then a small mag- VLF geophysics program should be done to help identify and expose these zones

Tabulations of Au Sample Results 2000

WF-21-R-018 2530ppb Au
07V0625496
UTM6987507

Sample number	Au (ppb)
WX-2000-001	17
WS-2000-002	30
WS-2000-003	10
WS-2000-004	<5
WX-2000-005	19
WX-2000-006	111
WS-2000-007	14
WX-008	25
WX-009	65
WX-010	43
WX-011	9
WX-012	8
WX-013	18
WX-014	20
WX-015	13
2000-R-001	21
2000-R-002	13
2000-R-003	7
2000-R-004	<5
2000-R-005	11

Start of soil line
WF-21-X-001 07V0625554
6987920

End of soil
WF 21 X-010 07V0626029
6988901

X= Soil sample

S= Stream silt sample

R= Rock sample

Statement of Expense

July 21–29/2001
Mariposa Creek

Labour - Prospecting, sampling, transportation 12 man/days @ $250 00/day	$5100 00
Supplies - Groceries, fuel, sample gear, etc	$600 00
4-Wheeler Rental – 1 5 wks @ $500 00/wk	$750 00
185 Cessna – Dawson/Scroggie - 3 Flights	$1050 00
Assays - 22 Samples	$552 66
Report Writing	$500 00
Total Expenditures –	$8552 66

Personnel –

Vern Matkovich – 8 days	Prospecting, sampling and travel
Tom Morgan - 9 days	
= 17 man days	

REPORT PREPARED BY

Tom Morgan--------prospector
Vern Matkovich----prospector

1 2 3 4 5

Northern Analytical Laboratories ltd.

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

Invoice for Analytical Services

To

19651 Yukon Inc, Tom Morgan

Invoice Date 14/08/2001

WO# 00197

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
	Sample Preparation		
5	Rock/D C Sample Preparation	5 50	27 50
19	Soil/Sediment Sample Preparation	2 00	38 00
	Analyses		
22	Au + 30	17 50	385 00
2	Au, Pt, Pd 30g FA/AAS	25 00	50 00
2	ICP 30 Elements	8 00	16 00

Subtotal	516 50
GST @7% (R 121285662)	36 16
Total due on receipt of invoice	$552 66

2% per month charged on overdue accounts

Northern Analytical Laboratories ltd.

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

14/08/2001

Certificate of Analysis

# of pages (not including this page) 1

19651 Yukon Inc, Tom Morgan

WO# 00197

Certified by
Justin Lemphers (Senior Assayer)

Date Received 02/08/01

SAMPLE PREPARATION.

Code	# of Samples	Type	Preparation Description (All wet samples are dried first.)
r	3	rock	Crush to -10 mesh, riffle split 200g, pulverize to -100 mesh
s	19	soil	Screen -80 mesh

ANALYTICAL METHODS SUMMARY.

Symbol	Units	Element	Method (A assay) (G geochem)	Fusion/Digestion	Lower Limit	Upper Limit
Au	ppb	Gold	G. FA/AAS	15g FA / aqua regia	5	7000

AAS = atomic absorption spectrophotometry
FA = fire assay

1000ppb = 1ppm = 1g/mt = 0.0001% = 0.029166oz/ton

Northern Analytical Laboratories ltd

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

14/08/2001 Certificate of Analysis

19651 Yukon Inc, Tom Morgan WO# 00197

Certified by

	Sample #	Au ppb
r	WF-21-R-011	5
r	WF-21-R-016	8
r	WF-21-R-018	2530
s	WF-21-S-019	10
s	WF-21-S-020	10
s	WF-21-S-021	8
s	WF-21-S-022	13
s	MB-21-X-001	22
s	MB-21-X-002	10
s	MB-21-X-003	15
s	WF-21-X-001	11
s	WF-21-X-002	9
s	WF-21-X-003	17
s	WF-21-X-004	72
s	WF-21-X-005	10
s	WF-21-X-006	20
s	WF-21-X-007	11
s	WF-21-X-008	17
s	WF-21-X-009	6
s	WF-21-X-010	37
s	WF-21-X-012	12
s	WF-21-X-013	17

CERTIFICATE OF ANALYSIS
iPL 01H0914

INTERNATIONAL PLASMA LABORATORY LTD
2036 Columbia Street
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879 7878
Fax (604) 879-7898
Email ipl@direct ca
[091417 52 11 10081601]

Northern Analytical Laboratories

Project WO#00197
Shipper Norm Smith
Shipment PO# 568121
Analysis
Au/Pt/Pd(FA/AAS 30)
ICP(AqR)30
Comment

24 Samples Out Aug 16 2001 In Aug 14 2001

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP 12M/Dis	REJECT 00M/Dis
B31100	24	Pulp	Pulp received as it is no sample prep		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

1 Northern Analytical Laboratories
105 Copper Road
Whitehorse
YT Y1A 2Z7
Canada
Att Norm Smith

EN RT CC IN FX
1 2 1 1 0
DL 3D EM BT BL
0 0 0 0 0
Ph 867/668 4968
Fx 867/668 4890
Em nal@yknet yk ca

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0331	FA/AAS	ppb	Pt FA/AAS finish 30g in ppb	Platinum	15	10000
03	0341	FA/AAS	ppb	Pd FA/AAS finish 30g in ppb	Palladium	1	10000
04	0721	ICP	ppm	Ag ICP	Silver	0 1	100 0
05	0711	ICP	ppm	Cu ICP	Copper	1	20000
06	0714	ICP	ppm	Pb ICP	Lead	2	20000
07	0730	ICP	ppm	Zn ICP	Zinc	1	20000
08	0703	ICP	ppm	As ICP	Arsenic	5	10000
09	0702	ICP	ppm	Sb ICP	Antimony	5	1000
10	0732	ICP	ppm	Hg ICP	Mercury	3	10000
11	0717	ICP	ppm	Mo ICP	Molybdenum	1	1000
12	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
13	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
14	0707	ICP	ppm	Cd ICP	Cadmium	0 1	100 0
15	0710	ICP	ppm	Co ICP	Cobalt	1	10000
16	0718	ICP	ppm	Ni ICP	Nickel	1	10000
17	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
18	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
19	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
20	0729	ICP	ppm	V ICP	Vanadium	2	10000
21	0716	ICP	ppm	Mn ICP	Manganese	1	10000
22	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
23	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
24	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
25	0736	ICP	ppm	Sc ICP	Scandium	1	10000
26	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0 01	1 00
27	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0 01	10 00
28	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0 01	10 00
29	0712	ICP	%	Fe ICP	Iron	0 01	10 00
30	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0 01	10 00
31	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0 01	10 00
32	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0 01	5 00
33	0719	ICP	%	P ICP	Phosphorus	0 01	5 00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals 1=Copy 1=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C030901
* Our liability is limited solely to the analytical cost of these analyses

BC Cer[redacted] David Chiu

CERTIFICATE OF ANALYSIS
iPL 01H0914

INTERNATIONAL PLASMA LABORATORY LTD
2036 Columbia Street
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879 7878
Fax (604) 879 7898
Email ipl@direct ca

Client Northern Analytical Laboratories **24 Samples**
Project WO#00197 24=Pulp [091417 52 11 10081601]

Out Aug 16, 2001
In Aug 14 2001

Sample Name	Type	Au ppb	Pt ppb	Pd ppb	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
WF 21 R 011	Pulp	—	—	—	0 2	18	20	35	<5	<5	<3	4	<10	<2	<0 1	15	39	466	<5
WF 21 R 014	Pulp	<2	<15	<1	0 2	20	19	60	<5	<5	<3	2	<10	<2	<0 1	12	1	82	<5
WF 21 R 015	Pulp	<2	<15	<1	0 3	12	14	37	<5	<5	<3	1	<10	<2	<0 1	11	9	52	<5
WF 21 R 016	Pulp	—	—	—	0 1	21	15	25	<5	<5	<3	1	<10	<2	<0 1	10	3	61	<5
WF 21 R 018	Pulp	—	—	—	3 9	90	35	6	<5	<5	<3	12	<10	<2	<0 1	21	16	12	<5
WF 21 S 019	Pulp	—	—	—	<0 1	9	7	48	<5	<5	<3	2	<10	<2	<0 1	11	5	161	<5
WF 21 S 020	Pulp	—	—	—	0 1	16	11	61	<5	<5	<3	2	<10	<2	<0 1	9	7	133	<5
WF 21 S 021	Pulp	—	—	—	<0 1	14	10	75	<5	<5	<3	3	<10	<2	<0 1	16	14	317	<5
WF 21 S 022	Pulp	—	—	—	0 4	23	16	86	<5	<5	<3	3	<10	<2	<0 1	15	11	400	<5
MB 21 X 001	Pulp	—	—	—	0 7	17	19	79	<5	<5	<3	3	<10	<2	<0 1	14	7	213	<5
MB 21 X 002	Pulp	—	—	—	<0 1	9	10	46	<5	<5	<3	2	<10	<2	<0 1	7	8	147	<5
MB 21 X-003	Pulp	—	—	—	0 3	13	10	64	<5	<5	<3	3	<10	<2	<0 1	12	8	183	<5
WF 21 X 001	Pulp	—	—	—	0 2	17	16	53	<5	<5	<3	3	<10	<2	<0 1	11	17	609	<5
WF 21 X-002	Pulp	—	—	—	<0 1	17	12	75	<5	<5	<3	4	<10	<2	<0 1	15	17	196	7
WF 21 X 003	Pulp	—	—	—	0 2	15	11	68	<5	<5	<3	2	<10	<2	<0 1	13	13	203	<5
WF 21 X 004	Pulp	—	—	—	<0 1	24	15	56	<5	<5	<3	2	<10	<2	<0 1	12	22	282	<5
WF 21 X 005	Pulp	—	—	—	<0 1	22	13	50	<5	<5	<3	3	<10	<2	<0 1	14	48	228	<5
WF 21 X 006	Pulp	—	—	—	<0 1	19	12	59	<5	<5	<3	5	<10	<2	<0 1	11	14	230	<5
WF 21 X 007	Pulp	—	—	—	<0 1	21	9	64	<5	<5	<3	3	<10	<2	<0 1	14	16	241	<5
WF 21 X 008	Pulp	—	—	—	<0 1	20	13	58	<5	<5	<3	3	<10	<2	<0 1	13	19	248	<5
WF 21 X 009	Pulp	—	—	—	0 3	15	14	75	<5	<5	<3	3	<10	<2	<0 1	17	16	310	<5
WF 21 X 010	Pulp	—	—	—	<0 1	31	11	59	<5	<5	<3	3	<10	<2	<0 1	13	20	315	<5
WF 21 X 012	Pulp	—	—	—	<0 1	21	22	56	<5	<5	<3	6	<10	<2	<0 1	6	3	215	<5
WF 21 X 013	Pulp	—	—	—	0 1	22	22	62	<5	<5	<3	6	<10	<2	<0 1	6	3	185	<5
Minimum Detection		2	15	1	0 1	1	2	1	5	5	3	1	10	2	0 1	1	1	2	5
Maximum Detection		10000	10000	10000	100 0	20000	20000	20000	10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100 0	10000	10000	10000	1000
Method		FA/AAS	FA/AAS	FA/AAS	ICP	ICP	ICP	ICP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ICP	ICP	ICP	ICP	ICP

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

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

CERTIFICATE OF ANALYSIS
iPL 01H0914

ISO 9002 REGISTERED

Client Northern Analytical Laboratories **24 Samples**
Project WO#00197 24=Pulp [091417 52 11 10081601]

Out Aug 16, 2001
In Aug 14, 2001

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
WF 21 R 011	97	47	321	<2	18	1	4	0 10	1 21	0 87	1 87	1 32	0 26	0 10	0 11
WF 21-R 014	72	16	376	8	10	2	1	0 11	1 05	0 29	2 19	0 83	0 42	0 02	0 05
WF 21-R 015	62	42	269	3	22	1	4	0 07	0 72	0 92	1 44	0 59	0 07	0 09	0 12
WF 21-R 016	60	8	150	7	8	1	1	0 04	0 47	0 13	1 46	0 31	0 12	0 02	0 02
WF 21 R 018	132	7	31	<2	4	1	<1	<0 01	0 10	0 04	3 90	0 08	0 03	0 01	0 01
WF 21-S 019	13	34	440	8	15	<1	2	0 06	0 93	0 34	1 82	0 46	0 06	0 01	0 05
WF 21-S 020	14	35	238	8	13	1	2	0 06	0 97	0 32	1 71	0 46	0 10	0 01	0 07
WF 21-S 021	22	56	663	11	19	1	4	0 10	1 45	0 57	2 66	0 88	0 16	0 02	0 10
WF 21-S 022	17	47	1082	15	36	2	4	0 09	1 51	0 67	2 69	0 72	0 21	0 02	0 07
MB 21 X 001	15	54	594	7	21	1	4	0 09	1 52	0 32	2 49	0 69	0 13	0 02	0 07
MB 21 X 002	13	31	245	8	15	1	2	0 05	0 99	0 26	1 54	0 31	0 05	0 01	0 04
MB 21 X 003	14	45	385	7	18	1	3	0 07	1 29	0 32	2 15	0 56	0 11	0 02	0 06
WF 21 X 001	26	57	309	6	15	3	3	0 06	1 91	0 15	2 68	0 55	0 07	0 01	0 02
WF 21 X 002	33	77	534	8	11	4	6	0 13	2 75	0 15	3 60	0 91	0 23	0 02	0 05
WF 21 X 003	20	51	571	16	14	3	5	0 14	1 68	0 21	2 70	0 89	0 26	0 02	0 03
WF 21 X 004	29	54	417	18	17	4	6	0 09	1 74	0 20	2 71	0 67	0 06	0 02	0 03
WF 21 X 005	48	59	397	18	23	6	6	0 07	1 98	0 30	2 81	1 05	0 04	0 02	0 04
WF 21 X-006	27	45	538	30	23	6	7	0 11	1 79	0 48	2 95	0 96	0 43	0 01	0 07
WF 21 X 007	21	62	497	16	15	5	5	0 11	1 95	0 23	3 08	0 74	0 17	0 01	0 04
WF 21-X 008	27	64	406	13	16	4	5	0 08	1 98	0 19	3 08	0 69	0 08	0 02	0 03
WF 21 X 009	37	101	487	7	12	2	6	0 16	2 39	0 22	3 51	1 29	0 34	0 02	0 05
WF 21 X 010	35	59	389	17	22	4	6	0 06	1 98	0 30	2 79	0 73	0 06	0 02	0 02
WF 21 X-012	6	23	188	22	34	2	2	0 07	1 02	0 21	2 71	0 37	0 18	0 03	0 04
WF 21 X-013	6	24	185	21	32	2	2	0 08	1 03	0 19	2 80	0 38	0 20	0 04	0 04
Minimum Detection	1	2	1	2	1	1	1	0 01	0 01	0 01		0 01	0 01	0 01	0 01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1 00	10 00					5 00	5 00
Method	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

Northern Analytical Laboratories ltd.

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

Invoice for Analytical Services

To

19651 Yukon Ltd, Tom Morgan

Invoice Date: 11/07/2001

WO# 00176

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
	Sample Preparation		
17	Rock/D C Sample Preparation	5 50	93 50
6	Soil/Sediment Sample Preparation	2 00	12 00
2	Concentrate Sample Preparation	7 00	14 00
	Analyses		
25	Au, Pt, Pd 30g FA/AAS	25 00	625 00
25	ICP 30 Elements	8 00	200 00

Subtotal	944 50
GST @7% (R 121285662)	66 12
Total due on receipt of invoice	$1,010 62

2% per month charged on overdue accounts

Northern Analytical Laboratories ltd.

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

19/07/2001

Certificate of Analysis

# of pages (not including this page) 1

19651 Yukon Ltd, Tom Morgan

WO# 00176

Certified by
Justin Lemphers (Senior Assayer)

Date Received 21/06/01

SAMPLE PREPARATION.

Code	# of Samples	Type	Preparation Description (All wet samples are dried first)
r	17	rock	Crush to -10 mesh, riffle split 200g, pulverize to -100 mesh
ss	6	sediment	Screen -80 mesh
c	2	concentrate	Riffle split 200g, pulverize to -100 mesh (if necessary)

ANALYTICAL METHODS SUMMARY.

Symbol	Units	Element	Method (A assay) (G geochem)	Fusion/Digestion	Lower Limit	Upper Limit

1000ppb = 1ppm = 1g/mt = 0 0001% = 0 029166oz/ton

INTERNATIONAL PLASMA LABORATORY LTD.
2036 Columbia Street
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct ca
[069611 43 05 10071701]

CERTIFICATE OF ANALYSIS
iPL 01G0696

Northern Analytical Laboratories
Project WO#00176
Shipper Norm Smith
Shipment PO# 568114
Analysis:
Au/Pd/Pt(FA/AAS 30g)g/mt
ICP(AqR)30
Comment:

25 Samples Out Jul 17, 2001 In Jul 10, 2001

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	24	Pulp	Pulp received as it is no sample prep	12M/Dis	00M/Dis
B253	1	Pan Conc	Received as it is, no sample prep	12M/Dis	00M/Dis
B82100	1	Std iPL	Standard iPL no charge	00M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

1 Northern Analytical Laboratories
105 Copper Road
Whitehorse
YT Y1A 2Z7
Canada
Att Norm Smith
Ph 867/668 4968
Fx 867/668 4890
Em NAL@hypertech yk ca

EN	RT	CC	IN	FX
1	2	1	1	0
DL	3D	EM	BT	BL
0	0	0	0	0

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0368	FA/AAS	g/mt	Au (FA/AAS 30g) g/mt	Gold	0 01	9999 00
02	0341	FA/AAS	g/mt	Pd FA/AAS finish g/mt	Palladium	0 01	9999 00
03	0331	FA/AAS	g/mt	Pt FA/AAS finish in g/mt	Platinum	0 01	99999 00
04	0721	ICP	ppm	Ag ICP	Silver	0 1	100 0
05	0711	ICP	ppm	Cu ICP	Copper	1	20000
06	0714	ICP	ppm	Pb ICP	Lead	2	20000
07	0730	ICP	ppm	Zn ICP	Zinc	1	20000
08	0703	ICP	ppm	As ICP	Arsenic	5	10000
09	0702	ICP	ppm	Sb ICP	Antimony	5	1000
10	0732	ICP	ppm	Hg ICP	Mercury	3	10000
11	0717	ICP	ppm	Mo ICP	Molybdenum	1	1000
12	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
13	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
14	0707	ICP	ppm	Cd ICP	Cadmium	0 1	100 0
15	0710	ICP	ppm	Co ICP	Cobalt	1	10000
16	0718	ICP	ppm	Ni ICP	Nickel	1	10000
17	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
18	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
19	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
20	0729	ICP	ppm	V ICP	Vanadium	2	10000
21	0716	ICP	ppm	Mn ICP	Manganese	1	10000
22	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
23	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
24	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
25	0736	ICP	ppm	Sc ICP	Scandium	1	10000
26	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0 01	1 00
27	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0 01	10 00
28	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0 01	10 00
29	0712	ICP	%	Fe ICP	Iron	0 01	10 00
30	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0 01	10 00
31	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0 01	10 00
32	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0 01	5 00
33	0719	ICP	%	P ICP	Phosphorus	0 01	5 00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals 1=Copy 1=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C030901
* Our liability is limited solely to the analytical cost of these analyses

BC Certified Assayer David Chiu

CERTIFICATE OF ANALYSIS
iPL 01G0696

INTERNATIONAL PLASMA LABORATORY LTD
ISO 9002 REGISTERED
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct ca

Client Northern Analytical Laboratories — **25 Samples** — 24=Pulp 1=Pan Conc. 1=Std iPL — [069611:50:48:10071701] — Out Jul 17 2001 In Jul 10 2001 — Page 1 of 1 Section 1 of 2
Project WO#00176

Sample Name	Type	Au g/mt	Pd g/mt	Pt g/mt	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
LFM-21-R-01	Pulp	<0 01	0 01	<0 01	<0.1	10	11	91	<5	<5	<3	3	<10	<2	<0 1	8	14	192	<5
RMB 21-R01	Pulp	<0.01	0 08	0 11	<0 1	16	3	39	<5	<5	<3	3	<10	<2	<0 1	111	1040	5	<5
RMB-21-R02	Pulp	0.02	0 01	<0.01	<0 1	97	<2	19	<5	7	<3	3	<10	<2	<0.1	48	187	24	<5
RMB-21-R03	Pulp	<0 01	0 01	0 01	<0 1	15	3	27	<5	<5	<3	5	<10	<2	<0 1	98	1821	4	<5
RMB-21-R04	Pulp	0 01	0 01	0.01	<0 1	39	<2	38	<5	<5	<3	4	<10	<2	<0 1	103	603	55	<5
RMB-21-R05	Pulp	0.01	0.01	<0 01	<0 1	2	6	6	<5	<5	<3	1	<10	<2	0 1	7	17	1 1%	<5
RMB-21-R06	Pulp	0 01	0.03	0 02	<0 1	123	4	36	<5	<5	<3	4	<10	<2	<0 1	105	875	41	<5
RMB-21-R08	Pulp	<0.01	0.02	0.01	<0 1	69	2	15	<5	<5	<3	2	<10	<2	0.1	22	58	170	<5
RMB 21-R13	Pulp	<0.01	<0.01	<0.01	0.1	70	3	16	<5	<5	<3	3	<10	<2	<0.1	33	130	119	<5
21-IN-R01	Pulp	0 01	0.01	<0.01	<0 1	23	8	84	<5	<5	<3	2	<10	<2	<0 1	13	19	483	<5
21-IN-R02	Pulp	0.01	0.09	0 04	<0 1	19	10	55	<5	<5	<3	1	<10	<2	<0 1	15	11	502	<5
21-IN-R03	Pulp	<0 01	0 01	<0 01	<0 1	18	28	92	<5	<5	<3	2	<10	<2	<0 1	16	5	332	<5
21-IN-R04	Pulp	0 01	0 01	<0 01	<0 1	18	14	87	<5	<5	<3	1	<10	<2	0 1	18	14	337	<5
21-IN-R05	Pulp	0 02	0 01	<0 01	0 1	4	<2	10	<5	<5	<3	2	<10	<2	<0 1	3	3	77	<5
21-IN-R06	Pulp	<0.01	0.01	<0 01	<0 1	13	12	94	10	<5	<3	3	<10	<2	<0 1	13	6	557	<5
21-IN-R07	Pulp	<0 01	0.01	<0.01	<0 1	19	8	83	<5	<5	<3	1	<10	<2	<0.1	17	13	541	<5
21-IN-R08	Pulp	<0 01	<0.01	<0.01	<0.1	7	6	85	<5	<5	<3	2	<10	<2	<0 1	9	4	196	<5
21-IN-X09	Pulp	0.01	0.02	0.01	1.8	162	21	897	<5	<5	<3	12	<10	<2	3 7	13	259	863	<5
RMB-21-X07	Pulp	<0.01	0.01	<0.01	<0 1	61	10	51	<5	<5	<3	3	<10	<2	<0 1	22	76	205	<5
RMB-21-X09	Pulp	<0.01	0.01	<0 01	0 1	43	11	54	<5	<5	<3	1	<10	<2	<0 1	18	42	205	<5
RMB-21-X10	Pulp	<0 01	<0.01	<0 01	0 1	65	9	66	<5	<5	<3	4	<10	<2	<0 1	33	98	209	<5
RMB-21-X11	Pulp	<0 01	0 01	<0 01	0 1	99	6	56	<5	<5	<3	3	<10	<2	<0 1	41	337	642	<5
RMB-21-X12	Pulp	<0.01	<0.01	<0 01	0 1	52	5	30	<5	<5	<3	2	<10	<2	0 3	17	65	260	<5
FC-21-PC01	Pulp	0 06	0.08	0.06	<0.1	58	17	115	<5	<5	<3	5	<10	<2	<0 1	50	211	312	<5
FC-21-PC02	Pan Conc	6 48	0 29	0 19	0 1	12	8	27	<5	<5	<3	5	<10	<2	<0 1	15	8	41	220
STD101	Std iPL	0 08	0.53	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0 01	0 01	0.01	0.1	1	2	1	5	5	3	1	10	2	0 1	1	1	2	5
Maximum Detection		9999 00	9999.00	99999 00	100 0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100 0	10000	10000	10000	1000
Method		FA/AAS	FA/AAS	FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

21-IN-X09 07Y 0596967
UTM 706187

=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=E e % NS=No Sample

INTERNATIONAL PLASMA LABORATORY LTD.
vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct ca

CERTIFICATE OF ANALYSIS
iPL 01G0696

Client Northern Analytical Laboratories
Project: WO#00176

25 Samples
24=Pulp 1=Pan Conc. 1=Std iPL

[069611·50:48 10071701]

Out: Jul 17, 2001
In · Jul 10, 2001

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
LFM-21-R-01	32	51	523	30	63	6	3	0 10	0 77	0.59	2 12	0.28	0 19	0.09	0 14
RMB-21-R01	95	4	993	<2	1	1	3	<0 01	0 03	0 03	4 44	19%	<0.01	0 01	<0 01
RMB-21-R02	530	77	374	<2	3	1	5	0.02	0 89	0 21	3 07	6 07	0 01	0 02	<0 01
RMB-21-R03	237	8	851	<2	2	1	8	<0 01	0 08	0 33	4.42	21%	<0 01	0 01	<0 01
RMB-21-R04	273	14	1014	<2	2	1	4	<0 01	0 11	0 12	5 93	17%	<0 01	0 01	<0.01
RMB-21-R05	40	<2	120	6	55	<1	1	0.01	1 79	0.52	0 40	2.14	0 11	0.10	0 02
RMB-21-R06	169	8	1113	<2	12	1	6	<0.01	0 06	0.43	5 74	18%	<0 01	0 01	<0 01
RMB-21-R08	64	44	261	2	102	2	4	0 19	1.51	1 82	1 73	0 60	0 02	0.12	0 20
RMB-21-R13	124	40	341	<2	85	2	4	0 16	1 27	1 46	2 37	2 94	0 02	0.10	0 16
21-IN-R01	52	74	906	20	33	4	5	0 04	2.38	0 42	3 39	0 72	0 39	0 05	0 09
21-IN-R02	49	78	963	16	38	13	6	0 21	2 05	0.65	2 74	0.98	0 14	0 06	0.08
21-IN-R03	41	120	929	30	70	10	7	0 27	1 00	1 14	4 10	0.80	0 19	0 11	0.19
21-IN-R04	69	127	1139	23	73	11	10	0 24	2 81	0.99	3 97	1 49	0 17	0 11	0.18
21-IN-R05	129	2	87	8	3	5	2	<0 01	0 22	0 02	1 27	0.04	0 14	0 03	<0 01
21-IN-R06	42	100	833	29	126	8	9	0 10	1.48	1.55	4 26	1 33	0.27	0.07	0 15
21-IN-R07	33	108	699	28	46	12	9	0 31	2 45	0 92	3.25	1 08	0 25	0.08	0 10
21-IN-R08	39	70	606	29	84	4	6	0 09	1 14	0 76	3 23	0 78	0 08	0.12	0 11
21-IN-X09	181	726	481	29	34	4	8	0.05	2 51	1 73	3 08	1.18	0.14	0.02	0 44
RMB-21-X07	50	71	287	9	17	2	4	0 08	2 18	0 24	3 15	0 81	0 04	0.02	0 03
RMB-21-X09	44	73	308	11	15	4	5	0.09	2.61	0 19	3 10	0 66	0 04	0 02	0 03
RMB-21-X10	101	115	514	9	22	3	7	0 11	2 90	0 26	3 43	1 32	0 04	0.02	0 06
RMB-21-X11	345	100	667	12	46	2	9	0 10	2 60	0.63	3 20	2 94	0 06	0.01	0 08
RMB-21-X12	154	51	225	8	34	1	3	0.11	2 38	0.33	1 95	1.15	0 08	0 02	0 08
FC-21-PC01	460	116	1335	13	23	5	5	0.06	2 16	0 37	8 66	2.29	0.08	0.02	0.06
FC-21-PC02	33	276	349	16	13	5	3	0.10	0 30	1.19	13%	0 09	0 03	0.02	0 45
STD101	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection	1	2	1	2	1	1	1	0 01	0 01	0.01	0.01	0 01	0 01	0.01	0 01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1 00	10 00	10.00	10 00	10 00	10 00	5.00	5 00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

Insuffi-ent Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=E e % NS=No Sample

CERTIFICATE OF ANALYSIS
iPL 01J1207

INTERNATIONAL PLASMA LABORATORY LTD
vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct ca

[120716 19 44 10103101]

Northern Analytical Laboratories

6 Samples Out Oct 31 2001 In Oct 25, 2001

Project WO#00242
Shipper Norm Smith
Shipment PO# 568139
Analysis:
Au/Pt/Pd(FA/AAS 30)
ICP(AqR)30
Comment

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	6	Pulp	Pulp received as it is no sample prep	12M/Dis	00M/Dis
B82100	1	Std iPL	Standard iPL - no charge	00M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

1 Northern Analytical Laboratories
105 Copper Road
Whitehorse
YT Y1A 2Z7
Canada
Att Norm Smith

Ph 867/668 4968
Fx 867/668 4890
Em nal@yknet yk ca

EN	RT	CC	IN	FX
1	2	1	1	0

DL	3D	EM	BT	BL
0	0	0	0	0

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0331	FA/AAS	ppb	Pt FA/AAS finish 30g in ppb	Platinum	15	10000
03	0341	FA/AAS	ppb	Pd FA/AAS finish 30g in ppb	Palladium	1	10000
04	0721	ICP	ppm	Ag ICP	Silver	0 1	100 0
05	0711	ICP	ppm	Cu ICP	Copper	1	20000
06	0714	ICP	ppm	Pb ICP	Lead	2	20000
07	0730	ICP	ppm	Zn ICP	Zinc	1	20000
08	0703	ICP	ppm	As ICP	Arsenic	5	10000
09	0702	ICP	ppm	Sb ICP	Antimony	5	1000
10	0732	ICP	ppm	Hg ICP	Mercury	3	10000
11	0717	ICP	ppm	Mo ICP	Molybdenum	1	1000
12	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
13	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
14	0707	ICP	ppm	Cd ICP	Cadmium	0 1	100 0
15	0710	ICP	ppm	Co ICP	Cobalt	1	10000
16	0718	ICP	ppm	Ni ICP	Nickel	1	10000
17	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
18	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
19	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
20	0729	ICP	ppm	V ICP	Vanadium	2	10000
21	0716	ICP	ppm	Mn ICP	Manganese	1	10000
22	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
23	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
24	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
25	0736	ICP	ppm	Sc ICP	Scandium	1	10000
26	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0 01	1 00
27	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0 01	10 00
28	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0 01	10 00
29	0712	ICP	%	Fe ICP	Iron	0 01	10 00
30	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0 01	10 00
31	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0 01	10 00
32	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0 01	5 00
33	0719	ICP	%	P ICP	Phosphorus	0 01	5 00

EN=Envelope RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals 1=Copy 2=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C030901
* Our liability is limited solely to the analytical cost of these analyses

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct ca

CERTIFICATE OF ANALYSIS
iPL 01J1207

Client Northern Analytical Laboratories
Project WO#00242

6 Samples
6=Pulp 1=Std iPL

[120716 19 44 10103101]

Out Oct 31, 2001
In Oct 25, 2001

Sample Name	Type	Au ppb	Pt ppb	Pd ppb	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
RMD-14	Pulp	<2	<15	10	<0 1	42	8	29	365	7	<3	7	<10	<2	<0 1	93	742	9	<5
RMD-15	Pulp	<2	22	15	<0 1	94	5	41	92	5	<3	6	<10	<2	<0 1	117	850	57	<5
RMD-16	Pulp	<2	<15	<1	<0 1	10	8	21	8	<5	<3	6	<10	<2	<0 1	90	2195	<2	<5
RMD 17	Pulp	<2	65	105	<0 1	17	2	37	<5	<5	<3	6	<10	<2	<0 1	107	988	8	<5
RMD 18	Pulp	<2	<15	<1	<0 1	145	9	27	<5	<5	<3	7	<10	<2	<0 1	105	1253	11	<5
RMD-19	Pulp	<2	<15	3	<0 1	94	5	79	<5	<5	<3	6	<10	<2	<0 1	101	785	8	<5
STD 101	Std iPL	68	250	520	<0 1	94	5	79	<5	<5	<3	6	<10	<2	<0 1	101	785	8	<5
Minimum Detection		2	15	1	0 1	1	2	1	5	5	3	1	10	2	0 1	1	1	2	5
Maximum Detection		10000	10000	10000	100 0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100 0	10000	10000	10000	1000
Method		FA/AAS	FA/AAS	FA/AAS	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

INTERNATIONAL PLASMA LABORATORY LTD

CERTIFICATE OF ANALYSIS
iPL 01J1207

Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct ca

Client Northern Analytical Laboratories
Project WO#00242

6 Samples
6=Pulp 1=Std iPL

[120716 19 44 10103101]

Out Oct 31 2001
In Oct 25, 2001

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
RMD-14	303	12	901	<2	1	1	6	<0 01	0 20	0 13	6 11	18%	<0 01	0 01	<0 01
RMD-15	96	10	1045	<2	3	1	5	<0 01	0 04	0 05	6 96	18%	0 01	0 01	<0 01
RMD-16	110	3	709	<2	3	<1	2	<0 01	0 03	0 23	4 70	22%	<0 01	0 01	<0 01
RMD 17	63	6	1111	<2	1	1	3	<0 01	0 04	0 02	5 91	21%	<0 01	0 01	<0 01
RMD 18	179	12	759	<2	2	1	3	<0 01	0 06	0 06	6 54	19%	<0 01	0 01	<0 01
RMD 19	78	6	585	<2	1	1	3	<0 01	0 03	0 01	4 48	19%	0 01	0 01	<0 01
STD 101	78	6	585	<2	1	1	3	<0 01	0 03	0 01	4 48	19%	0 01	0 01	<0 01
Minimum Detection	1	2	1	2	1	1	1	0 01	0 01	0 01	0 01	0 01	0 01	0 01	0 01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1 [illegible]	10 00	10 00	10 00	10 00	10 00	5 00	5 00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	[illegible]	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

CERTIFICATE OF ANALYSIS
iPL 01A0020

INTERNATIONAL PLASMA LABORATORY LTD
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct ca

Northern Analytical Laboratories — **6 Samples** — Out Jan 10, 2001 — In Jan 08, 2001 — [002014 46 44 10011001]

Project : None Given
Shipper Norm Smith
Shipment PO# 568108
Analysis:
Au/Pt/Pd(FA/AAS 30)
ICP(AqR)30
Comment:

Document Distribution

1 Northern Analytical Laboratories	EN	RT	CC	IN	FX
105 Copper Road	1	2	1	1	0
Whitehorse	DL	3D	EM	BT	BL
YT Y1A 2Z7	0	0	0	0	0
Canada					
Att Norm Smith	Ph 867/668 4968				
	Fx.867/668-4890				
	Em NAL@hypertech yk ca				

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP 12M/Dis	REJECT 03M/Dis
B211	6	Rock	crush, split & pulverize		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0368	FA/AAS	g/mt	Au (FA/AAS 30g) g/mt	Gold	0 01	9999 00
02	0331	FA/AAS	g/mt	Pt FA/AAS finish in g/mt	Platinum	0 01	99999 00
03	0341	FA/AAS	g/mt	Pd FA/AAS finish g/mt	Palladium	0 01	9999 00
04	0721	ICP	ppm	Ag ICP	Silver	0 1	100 0
05	0711	ICP	ppm	Cu ICP	Copper	1	20000
06	0714	ICP	ppm	Pb ICP	Lead	2	20000
07	0730	ICP	ppm	Zn ICP	Zinc	1	20000
08	0703	ICP	ppm	As ICP	Arsenic	5	10000
09	0702	ICP	ppm	Sb ICP	Antimony	5	1000
10	0732	ICP	ppm	Hg ICP	Mercury	3	10000
11	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
12	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
13	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
14	0707	ICP	ppm	Cd ICP	Cadmium	0 1	100 0
15	0710	ICP	ppm	Co ICP	Cobalt	1	10000
16	0718	ICP	ppm	Ni ICP	Nickel	1	10000
17	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
18	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
19	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
20	0729	ICP	ppm	V ICP	Vanadium	2	10000
21	0716	ICP	ppm	Mn ICP	Manganese	1	10000
22	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
23	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
24	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
25	0736	ICP	ppm	Sc ICP	Scandium	1	10000
26	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0 01	1 00
27	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0 01	10 00
28	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0 01	10 00
29	0712	ICP	%	Fe ICP	Iron	0 01	10 00
30	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0 01	10 00
31	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0 01	10 00
32	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0 01	5 00
33	0719	ICP	%	P ICP	Phosphorus	0 01	5 00

EN=Envelope # [illegible] Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals 1=Copy 1=Invo[illegible]=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C030901

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD

Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct ca

CERTIFICATE OF ANALYSIS
iPL 01A0020

Client Northern Analytical Laboratories
Project None Given

6 Samples
6=Rock

[002014 46 44 10011001]

Out· Jan 10, 2001
In · Jan 08, 2001

Sample Name	Type	Au g/mt	Pt g/mt	Pd g/mt	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
Dun 20-01	Rock	0.02	<0 01	<0 01	<0 1	20	40	30	<5	5	<3	4	<10	<2	1 1	53	1252	205	<5
Dun 20-02	Rock	0 02	<0 01	0 12	<0.1	9	19	28	<5	6	<3	2	<10	<2	2 1	66	1266	23	<5
Dun 20-03	Rock	<0 01	0 05	0 01	<0 1	12	18	21	<5	<5	<3	3	<10	<2	1 2	73	1403	40	<5
Dun 20-04A	Rock	0 01	<0 01	0 01	<0 1	11	11	24	<5	7	<3	3	<10	<2	1 8	66	1292	42	<5
Dun 20-04B	Rock	<0 01	<0 01	0.01	<0 1	16	10	29	<5	<5	<3	2	<10	<2	2 2	77	1669	116	<5
Dun 20-05	Rock	0 01	0 01	0.01	<0 1	4	14	22	<5	6	<3	3	<10	<2	1 6	66	1313	22	<5
Minimum Detection		0 01	0.01	0 01	0 1	1	2	1	5	5	3	1	10	2	0 1	1	1	2	5
Maximum Detection		9999 00	99999.00	9999.00	100 0	20000	20000	10000	10000	1000	10000	1000	1000	10000	100 0	10000	10000	10000	1000
Method		FA/AAS	FA/AAS	FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

Def=Default Mean=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

CERTIFICATE OF ANALYSIS
IPL 01A0020

INTERNATIONAL PLASMA LABORATORY LTD.
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct ca

Client Northern Analytical Laboratories — 6 Samples, 6=Rock
Project None Given — [002014:46-44:10011001]
Out: Jan 10, 2001 In : Jan 08, 2001

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
Dun 20-01	697	20	303	<2	3	<1	1	0 01	0 22	0 03	3.08	5 92	<0 01	0 01	<0 01
Dun 20 02	759	21	744	<2	6	1	2	0 01	0 13	0 68	3 77	8 96	<0 01	0 01	<0 01
Dun 20-03	568	16	571	<2	1	1	2	<0 01	0 11	0 11	3 47	7 18	<0 01	0 01	<0 01
Dun 20 04A	978	24	752	<2	12	1	2	0 01	0 19	0 41	4 28	7 44	<0 01	0 01	<0 01
Dun 20-04B	856	23	972	<2	3	2	2	0 01	0.31	0.04	4 27	5 31	<0 01	0 01	<0 01
Dun 20-05	470	10	452	<2	6	1	2	<0.01	0.10	0 49	3.14	12%	<0 01	0 01	<0 01
Minimum Detection	1	2	1	2	1	1	1	0 01	0 01	0 01	0 01	0 01	0 01	0 01	0 01
Maximum [illegible]ction	10000	10000	10000	10000	10000	10000	10000	1.0[illegible]	10 00	10 00	10 00	10 00	10 00	5 00	5 00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	I[illegible]	ICP	ICP	ICP	ICP	ICP	ICP	ICP

[illegible] Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

22 MAY

PRIORITIES

°C

8
9
10
11
12
13
14
15
16
17
19
20
21

M

TEAR-OFF

MAY 23

PRIORITIES

°C

M

TEAR-OFF

MAY 25

PRIORITIES

°C

8
9
10
11
12
13
14
15
16
17
18
19
20
21

Went up Chudiem R. and built bridge (Montreal) and dropped canoe off on east line. Made it up to Chudiem Head Volcanic plug. Grabbed a rep. sample of it.

M

TEAR-OFF

26 MAY

PRIORITIES

_°C

Went back to camp and started hauling it further upstream along drill line. Unloaded at and old oxbow pond that the line intersected and canoed up the line while 4-wheelers beat there way along the south edge of it. Dragged canoe along to cross line and made it to Indian River. Checked out a small plug (Moosehead Lookout) that popped out of the valley floor on the south side of the Indian R. (150m S). Some material on Indian Hook (andesite, basalt,) Went across the river and prospected along bank and up onto bench. Found sandstone, tuff and schist material. Someone had worked on bench stripping and trenching. There was an overabundance of clay in bench gravel (R.L. of shale tuff) to schist. L.L. had sand stone and tuff.

MAY 27

PRIORITIES

_°C

From the little trib across from (Moosehead Lookout) we ranged downstream to try and find the mafic-ultramafic unit that was mapped on Bostocks Ogilvie map. There appears to be a slight discrepancy between the map and the ground & chert

13 JUNE

PRIORITIES

°C

8
9
10
11
12
13
14
15
16
17
18
19
20
21

J

TEAR-OFF

PRIORITIES

JUNE 14

°C

8 Drove into Rosalexta Cr. camp. from Dawson. Had to shovel drifts on Henderson Dome and got in during am hours.
9
10
11
12
13
14
15
16
17
18
19
20
21

J

TEAR-OFF

15 JUNE

PRIORITIES

_°C

8 Woke fairly late and found
9 a spot where gravel bedrock
10 contact could be seen. Found
a color every pan for 5 pans.
11 I separated the Au from
the sor and saved it!
12
13
14
15
16
17
18
19
20
21

JUNE 16

PRIORITIES

_°C

8 Drove up out of Rosebrite to
the ridge and headed over to
9 the mapped ultramafic at the
head of Rosebrite, Montana +
10 Bismark Cr's. Found a dunite
unit which had noticable
11 layerings in it. Traversed off the
hill trying to find extent and
12 edges of it. In digging holes
I found lots of crystaline
13 metamorphosed ultramafic and
not outcrop, sampled some of
14 the dunite outcrop layerings of
pyroxenite & dunite.
15
16
17
18
19
20
21

TEAR-OFF

17 JUNE

PRIORITIES

☀ ⛅ 🌧 ❄ _°C

8 Went back to vint and sampled a line of soils. Went
9 down towards Montana Jr.
10 checking with small shovel holes rock types. As one move
11 away from the diuritic core more hydrated rock occurs
12
13
14
15
16
17
18
19
20
21

TEAR-OFF

JUNE 18

PRIORITIES

☀ ⛅ 🌧 ❄ _°C

8 Drove back to farm from Rossbrook
9
10
11
12
13
14
15
16
17
18
19
20
21

TEAR-OFF

Flew in on the 21st in 4-wheeler and put it together. Ran pieces it had to go into 185. 22nd –

PRIORITIES

JULY 24

_°C

Travelled up Manipeaux to the first trib. coming in from the north. Investigated an anomalous circular depression approx 1km to the north of the road. Looks very much like a meteor basin, it is about 100' across at the top. Started digging in the bottom, encountered frost. Will Return. Crossed the trib. (going upstream) to the first line of claims and climbed the mtn. on the north side of the road. Schist to 2/3 of the way up (approx. 1000' from the road) then encounted fine grained volcanics (andesite?) Sampled at the contact. WP-21-X-001 UTM 07U 0625580 - 6987906, Red to tan color fine day. Over the top to WP-21-X-002 UTM 07U 0626013 – 6988512 in quartzite schist. 50 m.N. to WF-21-X-003 IN decayed schist. 50 m.N. to WF-21-X-004. 50 m.N. to WF-21-X-005 IN fine grained volcanics 50 m.N. to WF-21-X-006 IN decayed quartz 50M.N. To WF-21-X-007. 50 m.N. to WF-21-X-008 50 M.N. T. WF-21-X-009. 50 m.N TO 010.

'25 JULY

_°C

PRIORITIES

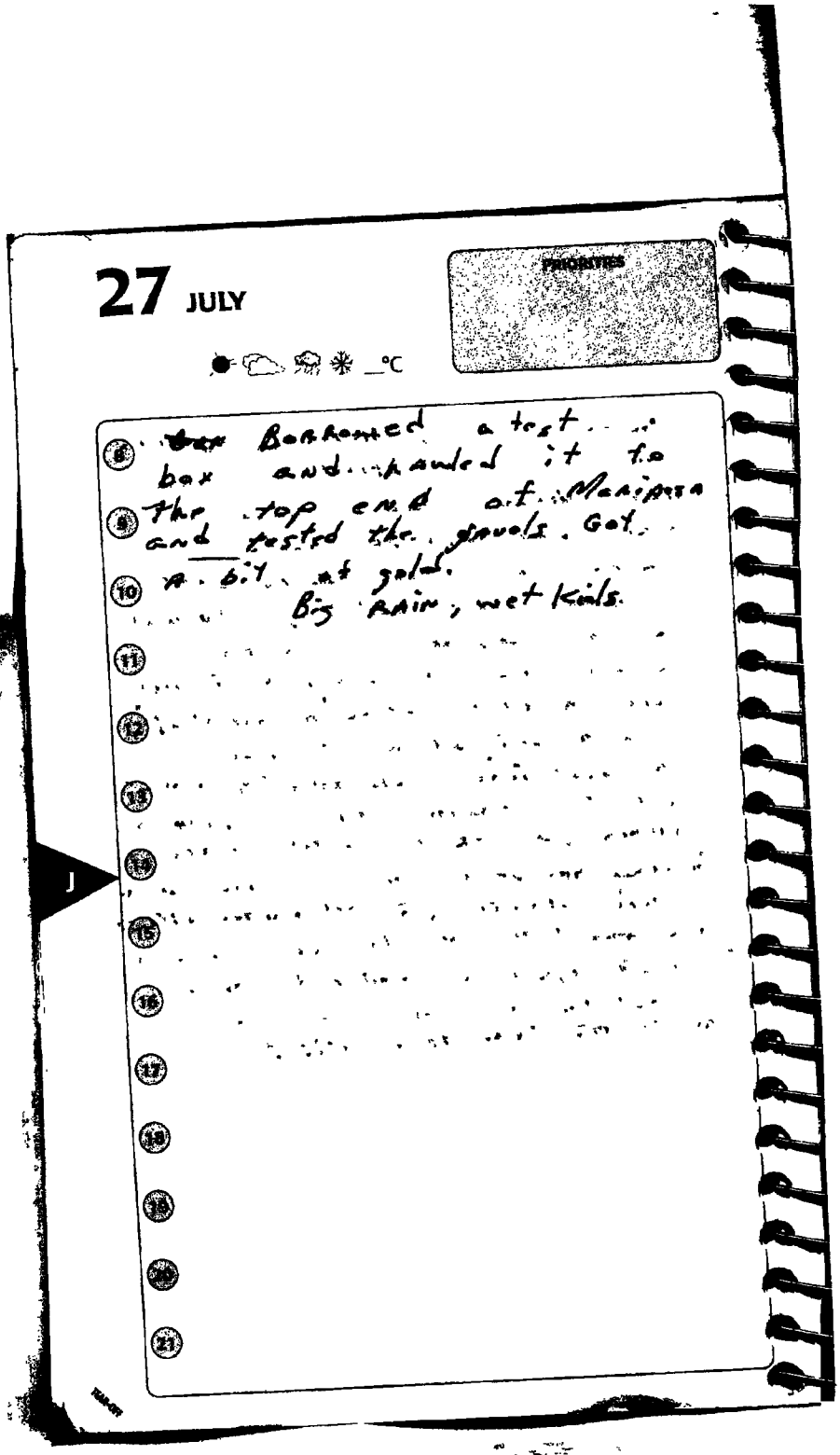
Sampled WF-21-R-011 — 017
on pyritized quartz veins and
shist that crosses Mariposa
Cr. from first right limit trib.

8
9
10
11
12
13
14
15
16
17
18
19
20
21

JULY 26

_°C

Returned to Mariposa Campground the mouth of first right limit trib. Walked our way upstream looking at exposed bedrock from placer operations. Took sample WF-21-RR018 in Mariposa Co. just upstream from the mouth of the first right limit trib (henceforth called "Meteorite Pup") Took a silt sample on the 3rd left limit drainage. WF-21-S-019 UTM. 07U 0625926 6987506. Found marker from previous season where Richards had sample (C117). Continued upstream to next left L. trib. (UTM 07U 0626439 6987587) and sample WF-21-S-020. Returned downstream to the first left limit trib (opposite Meteorite Pup) and took WF-21-S-021 at UTM 07U 0625544 x 6987333


27 JULY
PRIORITIES
_°C
8
Borrowed a test... box and handed it to
9
the top end of Manipora and tested the gravels. Got
10
a bit of gold.
Big rain, wet kids.
11
12
13
14
15
16
17
18
19
20
21
J

JULY 28

• Silt samples taken on Michael Bidamans claims on the right limit upper end of Mariposa. Hiked out of the top end of Mariposa into the upper end of trib. Silt sample MB-21-X-001 taken at UTM 07U 0629750 6986891

Sample MB-21-X-002 taken on left fork of trib. upper midway. UTM 07U 0629508 6987266

Sample MB-21-X-003 taken below the confluence of drainages UTM 07U0629272 6987234

21 August ~~JULY~~

PRIORITIES

_°C

8 Drove into Rosebeth Cr.

9

10

11

12

13

14

15

16

17

18

19

20

21

PRIORITIES

August ~~JULY~~ 22

_°C

8 Staked RMB 1 to 6

9 Followed road to top of volcanic dome to W could see the road going off to Ruby Cr..

10

11

12

13

14

15

16

17

18

19

20

21

J

J

TEAR-OFF

TEAR-OFF

23 August

PRIORITIES

_°C

Staked RMB 7+8 and sampled
RMB-21-R-14 to 18

The brush is dead going off the domed area of the intrusive

PRIORITIES

August 24

_°C

Drove back to Chetan

TEAR-OFF

TEAR-OFF

YUKON MINING INCENTIVES PROGRAM

FINAL SUBMISSION FORM

INSTRUCTIONS- Please read the guidebook before completing form
Please type or print.

Submit completed form and summary or Technical Report by January 31 for the Grassroots prospecting, Grassroots Grubstake and for the Target Evaluation programs to

Yukon Mining Incentives program
Economic Development
Government of the Yukon
Box 2703, Whitehorse, Yukon, Y1A 2C6

TO BE COMPLETED AFTER PROJECT COMPLETION AND ACCOMPANIED BY THE SUMMARY OR TECHNICAL REPORT

Applicant Tom Morgan File Number YMIP 01-071

Proposed project area(s) (NTS map no and project name) completed? Attach list if space is insufficient.

1 116-B-3b Foster Cr. shaft (Yes) No

2 115-O-11 Indian R. Ultramafics (Yes) No

3 115-O-11 RMB Ultramafic (Yes) No

4 115-J-15+16 Mariposa Cr. (Yes) No

Changes to proposed project(s) (if any)

Foster Cr. shafting program was added to proposal Mariposa Cr. sampling program was added to proposal. Ruby Cr. + Dammingon Cr. intrusives were not visited.

List other partners or personnel that worked on the project.

Vern Matkovich, Carl Jonas

I WORK PERFORMED BY APPLICANT

		No of days worked by Applicant
1 Project #1 area/name	Foster Cr.	
Traditional prospecting	No of Samples 1 pan concentrate	
Geological surveys	Scale	
Geophysical surveys	Type	
Geochemical surveys	Type No. of Samples	
Drilling	Type Ft (m)	
Trenching	Method	
Other	Type Shafting with steam thawing	12
	TOTAL	12

		No of days worked by Applicant
2 Project #2 area/name	Indian R. Ultramafic	
Traditional prospecting	No of Samples 9	6
Geological surveys	Scale	
Geophysical surveys	Type	
Geochemical surveys	Type No of Samples	
Drilling	Type Ft.(m)	
Trenching	Method	
Other	Type	
	TOTAL	16

		No of days worked by Applicant
3 Project #3 area/name	RMB Ultramafic (Rosebute Cr.)	
Traditional prospecting	No of Samples 18	9
Geological surveys	Scale	
Geophysical surveys	Type	
Geochemical surveys	Type No of Samples	
Drilling	Type Ft.(m)	
Trenching	Method	
Other	Type	
	TOTAL	9

		No of days worked by Applicant
4 Project #4 area/name	Mariposa Cr	
Traditional prospecting	No of Samples 22	7
Geological surveys	Scale	
Geophysical surveys	Type	
Geochemical surveys	Type No of Samples	
Drilling	Type Ft (m)	
Trenching	Method	
Other	Type	
	TOTAL	7

*

Au+Pd+Pt	Ag	Cu	Zn	Ni	Cr
0.04 g/mt	1.8	162	847	259	7
← ppm →					

II. SIGNIFICANT RESULTS (please complete)

Project Area	New Showings and/or Anomalies	Commodity	Best Analyses
Indian R.	Gabbro w	(PGE's) + (*possible VMS)	(0.09-Pd; 0.04Pt) g/mt) +
RMB (Rosbate Cr.)	Layered Ultramafic w	PGE's	(0.08-Pd + 0.11Pt) (g/mt)
Mariposa Cr.	Sulfides in intrusive dike	Intrusive related Au	253 ppb Au over 2m
Foster Cr.	Confirming Placer Au	Placer Au	0.3 g/yd.^{3}

* in soil - follow up needed

III. CLAIMS STAKED DURING / AFTER ACTIVITY (please complete)

Project Area	Claim Numbers	Number of Claim Units
115-O-11 RMB 1 to 8	YC 20955 to YC 20962	8
115-O-11 Montana Cr.	pending	5 mile lease
115-O-11 Rosebute Cr.	pending	5 mile lease

IV OPTION AGREEMENTS RESULTING FROM YMIP PROJECT (please complete)

Optionee	Property/Claim	Dollar Value of Work Component

V. TYPE OF MINERAL EXPLORATION UNDERTAKEN (please check one)

(2) ✓ Preliminary work on claims
(2) ✓ Initial exploration
____ Advanced exploration
____ Development

VI. VALUE OF GOODS AND SERVICES PURCHASED (estimate, please complete)

Within the Yukon $ $5000.00

Outside the Yukon $ _____

VII. RESULTS OF MINERAL EXPLORATION (please complete)

✓ The discovery of a new prospect.
✓ The identification of a prospect warranting further exploration
____ The identification of an economic mineral deposit.
____ The identification of a deposit which cannot support production

VIII. SUMMARY OF EXPENDITURES

1	Daily Living Expense (claimed only by individuals) No of days x YG rate/person, per day 34+14+4 = 52 (T V C)	$ 1820
2	Travel (state method. road, air, etc) Truck – total km x YG rate/km 650+980	$ 790.55
	Air	$
	Other	$
3	Analyses/Assay Costs (specify sample type and price/assay)	$ 1563.28
4	Equipment Rentals/Supplies ATV(9d)=900 (3 days) (2wk)Steaming equip.(400) canoe(75.00)	$
	(2wk)Chainsaw(360) (ATV=1000)	$ 2735
5	Contractors (state name and type of work) V. Matkovich (5+9) @ 2,250 + @ 1250	$ 3500
	C. Jonas (@ 500	$ 500
6	Line Cutting No of km x price/km	$
7	Geochemical Survey (specify sample type) No of km x price/km	$
8	Geophysical Survey (specify type of survey) No of km x price/km	$
9	Trenching (specify equipment used and price/hour)	$
10	Drilling (specify diamond or percussion and rod size) No. of meters x price/meter	$
11	Reclamation (specify type)	$
12	Report Preparation	$
13	Other Expenses (specify) Airborne	$ 192.60
		$
	TOTAL EXPENDITURES	$ 11,101.43

Attach list if space is insufficient.

The Department of Economic Development may verify all statements related to and make herein this application

1 I am the person, or the representative of the company or partnership, named in the Application for Contribution under the Yukon Mining Incentives Program

2 I am a person who is nineteen years of age or older, or represent a person, who is ordinarily a resident of Canada.

3 I have complied with all the requirements of the said program

4 I hereby apply for the final payment of a contribution under the Yukon Mining Incentives Program (YMIP) and declare the information given above to be true and accurate

Signature of Applicant Tom Morgan Date Jan 31 2002

Name (print) Tom Morgan

Position or Title (if applicable) _____