

12/85

84-1407-13355

GEOCHEMICAL AND GEOLOGICAL REPORT
ON THE
REDGOLD GROUP OF MINERAL CLAIMS
CARIBOO MINING DIVISION, BRITISH COLUMBIA
93A/6W

Latitude 52°27' north . Longitude 121°27' west

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

Ownership: R.M.Durfeld
J.W.Morton

Operator: R.M.Durfeld
J.W.Morton

13,355

Report by: R.M.Durfeld
Durfeld Geological
Management Ltd.

February 1985

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INTRODUCTION

(1) Location Access and Physiography

The REDGOLD claim group is located in the Cariboo Mining Division of the Central British Columbia Interior. More precisely at 52°27' north latitude and 121°27' west longitude on map NTS 93A/6.

The property is bounded on the north by the south shore of Quesnel Lake and on the east by the Horsefly River. The topography of the property is gently rolling with elevations ranging between 2400 and 3300 feet. The area was forested with fir, spruce and cedar but is now largely clearcut logged.

The REDGOLD property is readily accessible from Williams Lake via 64 kilometres of paved highway to the community of Horsefly, hence 15 kilometres on the Mitchell Bay, all-weather gravel road and then 2 kilometres of seasonal forest access roads that bisect the property.

(11) Property Definition

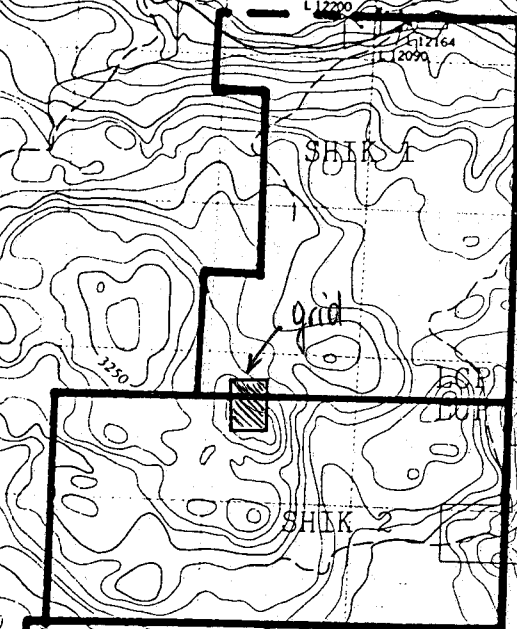
Excepting reconnaissance geochemical and magnetometer surveys (Report #4557) and geochemical and magnetometer surveys on the REDGOLD claim group, all previous assessment reports document exploration completed on the adjacent SL mineral claims in an area some distance from the REDGOLD claim group.

2386z

Mitchell Bay

FORSEY PENINSULA

Horsefly Bay



Shiko Lake

RED GOLD 1

LCP

Antoine Lake

Eric Lake

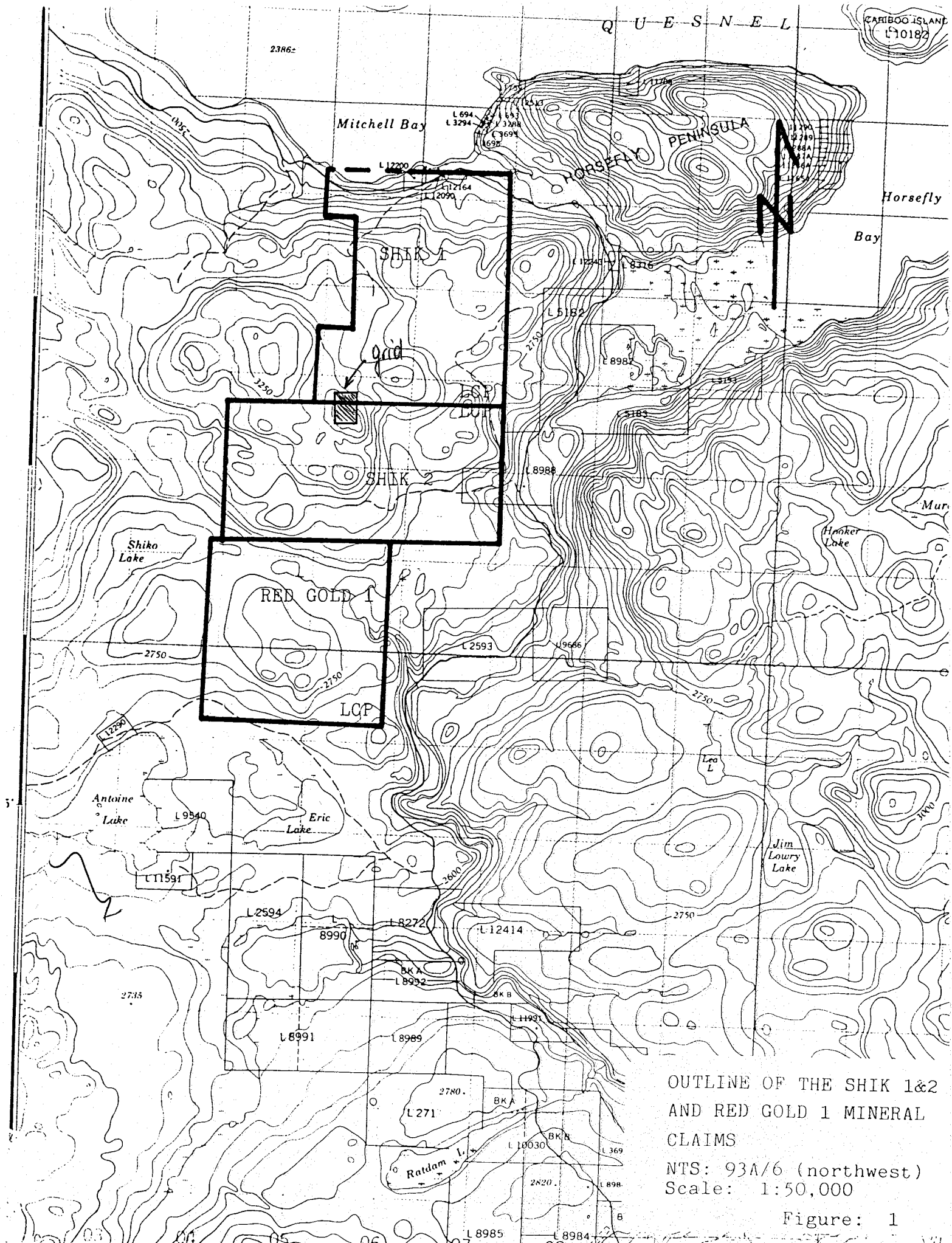
Jim Lowry Lake

Ratdam L.S.

OUTLINE OF THE SHIK 1&2
AND RED GOLD 1 MINERAL
CLAIMS

NTS: 93A/6 (northwest)
Scale: 1:50,000

Figure: 1



Previous exploration work that was filed for assessment credit in the Shiko Lake area is summarized as follows:

<u>Year</u>	<u>Company</u>	<u>Type of Work</u>	<u>Assessment Report No.</u>
1973	Fox Geological	Geochemical and Magnetometer Survey	4557
1973	Fox Geological	Induced Polarization Survey	4601
1974	Newconex	Percussion Drilling	5540
1983	Durfeld and Morton	Rock Chip Geochemical Surveys on the SHIK mineral claims.	
1984	Durfeld and Morton	Magnetometer Survey	

(111) Mineral Claims

<u>Claim Name</u>	<u>Number of units</u>	<u>Record Number</u>	<u>Record Date</u>
SHIK 1	20	4331 (5)	May 31, 1982
SHIK 2	18	4332 (6)	June 1, 1982
REDGOLD 1	16	4615 (12)	December 17, 1982

On December 16, 1983 the above mineral claims were grouped as the REDGOLD mineral claim group.

(1V) Summary of Work

This report documents 70 rock and 22 soil samples that were collected in the area of the REDGOLD grid by four different companies during the period of May 20th to July 15th, 1984. The results of this sampling is documented as appendix 1 and figures 3,4 and 5 of this report.

Coincident with this sampling additional geological mapping was conducted and the previous geological plan has been revised as figure 2 of this report.

All the work was conducted on the REDGOLD grid that is located on the western end of the common boundary of the SHIK 1 and 2 mineral claims.

GEOLOGY

1) Regional Geology

Geologically the REDGOLD property locates in a large structurally controlled Upper Triassic to Lower Jurassic depositional feature known as the Quesnel Trough. The Quesnel Trough is defined as a 30 to 60 kilometre wide linear belt of Upper Triassic to Lower Jurassic volcanic and related strata enclosed between older rocks and often invaded by batholiths and lessor intrusions.

Many of the alkalic intrusions are coeval with the volcanic strata and as such represent the conduit for the volcanic lithologies. These alkalic intrusive centres are often recognized as strong regional aeromagnetic anomalies. One such centre is developed just west of the REDGOLD property and corresponds to a zoned alkalic intrusive complex.

Mineral exploration programs in the Quesnel Trough area in the late sixties to the mid-seventies have led to the discovery of numerous porphyry copper and/or molybdenum prospects and deposits. Several of these porphyry copper prospects that developed in association with alkalic intrusives were noted to have associated gold values. Three of the more significant of these can be summarized as:

<u>Deposit</u>	<u>Reserves</u>
Afton Mine	-24,000,000 tons grading 1.11% copper and .025 oz/ton gold
Cariboo-Bell Deposit	-100,000,000 tons grading 0.4% copper and .021 oz/ton gold
QR Deposit	-950,000 tons grading .21 oz/ton gold

All three deposits are developed in association with an alkalic intrusive complex within an alkalic volcanic to sedimentary enclosing sequence.

The reserves of these deposits suggests the potential for the development of both copper-gold and gold deposits in this geological environment.

11) Local Geology

The interpretation of the local geology is based on limited outcrop and rubble exposures that were encountered in the REDGOLD grid area.

The detail area is underlain by a heterolithic volcanic breccia to debris flow that grades into more monolithic auto-brecciated flows. Late stage dykes and more irregular intrusive bodies crosscut all lithologies.

The lithologies that are recognized in the REDGOLD detail area are:

- 1 Basalt - the basalt is comprised of porphyritic hornblende and pyroxene grains to 3mm set in a finer light to dark grey felsic matrix. The basalt is massive to autobrecciated with breccia fragments from 1 cm to 1 metre in diameter.
 - 1a - the basalt with the monzonite fragments is recognized as sections where the breccia fragments have a pink felsic matrix.
 - 1b - the calcareous basalt is recognized as sections of basalt with carbonate alteration developed on the matrix and as calcite vesicule infilling and fragments.
- 2 Trachyandesite - the trachyandesite is very similiar to the basalt except for the lower mafic content and the more leucocratic matrix.
- 3 Hornblende Porphyry - is recognized in one exposure as fine aligned hornblende laths in a grey felsic matrix.
- 4 Syenite - is recognized as distinct dykes generally less than 1metre thick and as irregular outcrops, it is recognized as a fine grained equigranular pink felsic lithology.
- 5 Monzonite - is recognized as a 1metre thick dyke of fine equigranular hornblende and feldspar crystals to 2 mm in a fine pink felsic matrix and develops chilled margins with the enclosing trachyandesite lithology.

Hydrothermal alteration on the REDGOLD grid is recognized as variable carbonate, epidote and chlorite. Areas where these alteration assemblages are well developed are mapped as Propylite.

Pyrite and chalcopyrite are developed in all the lithologies. The chalcopyrite is generally strongest in the propylite sections.

GEOCHEMICAL INTERPRETATION

For interpretation purposes the copper and gold geochemical values were statistically analyzed to generate anomalous and strongly anomalous populations.

Gold

The gold values were cut to 100 ppb and run on a statistical program to give a mean 22 ppb and a standard deviation of 32 ppb.

These values were used to generate the anomalous (greater than 54 ppb) and strongly anomalous (greater than 96 ppb) gold populations that are highlighted on figure 4 of this report.

From this presentation two areas of anomalous gold values are recognized at 0+50E 3+50N, and a linear anomaly in the area 1+00E 2+10N to 2+75E 1+80N. An isolated anomalous gold value of 65 ppb is developed at 1+65E and 0+15N.

Copper

The copper values were cut to 400 ppm and run on a statistical program to give a mean of 118 ppm and a standard deviation of 145 ppm.

These values were used to generate the anomalous (greater than 260 ppm) and strongly anomalous (greater than 480 ppm) copper populations that are highlighted as figure 5 of this report.

From this presentation it is readily evident that the distribution of the anomalous copper values although broader than the gold values closely correlate to the anomalous gold distribution. A strong broader copper anomaly is developed in the area of the isolated gold value at 1+65E and 0+15N.

DISCUSSION

When the anomalous gold and copper values are overlain on the Geology map it is evident that these anomalies closely correlate with the areas of propylitic alteration. This suggests that the copper and gold mineralization is related to the hydrothermal alteration that is recognized as the propylite in the REDGOLD grid area.

Between the two main anomalous zones there is extensive overburden cover. This area represents an immediate exploration target, that in part would lend itself to backhoe trenching in the near bedrock areas. Although the limited soil sampling documented in this report was too widely spaced to define targets in this zone, detail soil sampling may be of assistance in defining additional targets.

APPENDIX I

GEOCHEMICAL ANALYSES

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE 253-3158

DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK CHIPS AU# ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: MAY 23 1984 DATE REPORT MAILED: *May 28/84* ASSAYER: *D. Toy* DEAN TOYE. CERTIFIED B.C. ASSAYER

DURFELD GEOLOGICAL FILE # 84-0840

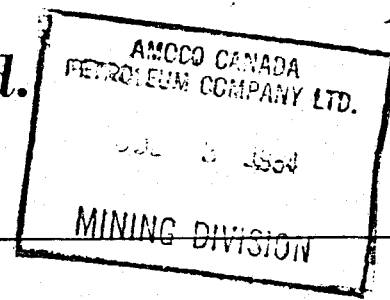
PAGE 1

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
6151D	4	571	30	54	.7	37	10	472	1.07	17	2	ND	2	109	1	2	2	30	1.98	.21	2	41	.58	23	.11	2	.71	.01	.01	2	72E
6152D	4	68	3	94	.2	34	7	479	1.17	6	2	ND	2	149	1	2	2	38	2.04	.21	2	36	.44	23	.11	2	.96	.01	.01	2	9
6153D	3	480	25	120	.6	90	12	855	3.43	16	2	ND	2	51	1	2	2	93	1.54	.23	2	203	1.17	63	.13	17	1.60	.01	.02	2	10E
6154D	3	71	3	36	.4	16	14	478	5.65	13	2	ND	2	64	1	2	2	154	1.79	.18	2	34	1.12	202	.28	14	1.87	.04	.02	2	29
6155D	4	635	5	83	.4	101	39	836	2.84	8	2	ND	2	105	1	2	3	72	2.24	.22	2	180	.93	65	.14	5	1.21	.01	.01	2	43
6156D	2	132	6	70	.4	76	9	760	2.84	9	2	ND	2	87	1	2	2	98	2.16	.23	2	203	1.16	58	.17	13	1.87	.01	.02	2	11
6157D	2	43	3	72	.3	63	8	640	2.98	9	2	ND	2	106	1	2	2	92	2.44	.24	2	206	.91	51	.16	15	1.95	.01	.01	2	3
6158D	1	114	2	40	.3	35	9	730	2.47	7	2	ND	2	142	1	2	2	80	2.10	.22	2	155	.54	63	.17	4	1.11	.01	.02	2	12
6159D	2	4	4	33	.1	12	3	376	2.51	6	2	ND	2	50	1	2	2	61	1.25	.19	2	3	.64	59	.12	7	1.19	.02	.02	2	46
6160D	1	627	1	24	.8	40	6	307	1.97	7	2	ND	2	193	1	2	2	60	2.45	.23	2	126	.47	32	.16	2	.92	.01	.01	2	2
STD A-1/FA-AU	1	30	39	186	.3	36	13	1049	2.80	9	2	ND	2	37	2	2	2	56	.62	.10	7	64	.63	255	.10	7	2.06	.01	.20	2	50

BHK

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814



ANALYTICAL REPORT

Project 83C-004 Date of report June 28/84.

File No. 4453 Date samples received June 25/84

Samples submitted by: Paul Brown

Company: Amoco Canada Petroleum

Report on: 50 rocks Geochem samples

..... Assay samples

Copies sent to:

1. Amoco Canada Petroleum, Mississauga, Ont.
2. Amoco Canada Petroleum, Horsefly, BC
3.

Samples: Sieved to mesh Ground to mesh -80

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: Cu, Pb, Zn, Ag-nitric, perchloric digestion.A.A., Au-aqua regia.A.A.

Remarks:

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
 705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

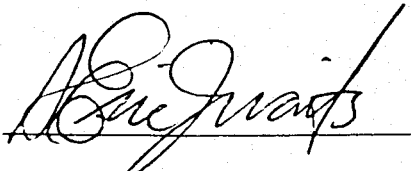
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: AMOCO CANADA PETROLEUM
 PROJECT: 83C-004
 ATTENTION: PAUL BROWN

FILE 4-453/P1
 DATE: JUNE 28/84
 TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AU PPM
R-1	10	22	147	0.6	10
2	2	14	27	0.6	5
4	2	20	49	0.6	10
5	11	18	50	0.6	5
7	2	28	56	0.8	5
9	2	20	55	0.5	5
11	1	18	36	0.4	5
15	3	18	37	0.4	5
17	105	28	41	0.7	10
20	29	28	52	0.8	5
21	68	25	43	0.6	5
22	54	23	59	0.6	10
23	78	36	77	0.7	10
24	2	18	47	0.4	5
25	17	34	100	0.6	5
26	2	19	41	0.5	5
27	2	18	36	0.4	5
28	13	24	53	0.6	10
29	26	26	45	0.7	10
30	13	26	55	0.5	5
31	25	24	60	0.6	5
32	177	28	53	0.9	10
33	795	59	65	1.8	830
34	72	29	50	0.8	10
35	102	31	90	0.9	5
36	16	42	122	0.8	5
37	12	31	50	0.7	15
38	50	38	114	1.2	10
39	279	42	154	1.0	5
R-40	70	36	120	0.8	5

Certified by 

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

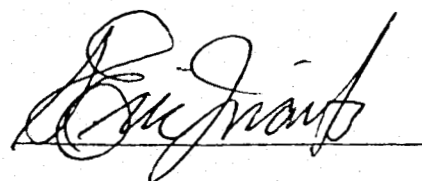
COMPANY: AMOCO CANADA PETROLEUM
PROJECT: B3C-004
ATTENTION: PAUL BROWN

FILE 4-453/P2
DATE: JUNE 28/84
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 20 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AU PPB
R-41	36	26	107	0.6	5
42	7	36	122	0.9	5
43	60	28	69	0.5	10
44	176	23	83	0.8	15
45	790	32	80	1.8	65
46	400	34	84	1.2	15
47	16	27	74	0.8	5
48	22	28	52	0.8	10
49	2	22	58	0.6	15
50	66	40	49	0.8	5
51	2	31	82	0.8	10
52	3	22	82	0.5	10
53	74	26	56	0.6	5
54	26	25	152	0.6	5
55	14	52	140	0.6	10
56	106	30	149	0.8	5
57	52	34	143	0.7	15
58	174	26	76	0.8	5
59	32	30	108	0.6	10
R-60	99	36	67	1.0	20

Certified by



MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 DR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: AMOCO CANADA PETROLEUM
PROJECT: B3C-004
ATTENTION: PAUL BROWN

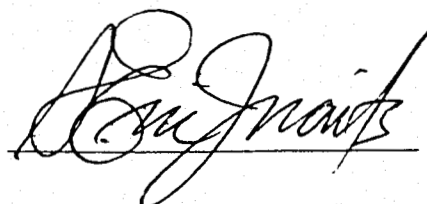
FILE 4-471
DATE: JULY 4/84
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 6 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AU PPB
R61	15	19	40	1.0	5
R62	7250	54	121	5.4	850
R63	37	10	48	0.8	5
R64	219	16	52	1.2	5
R65	197	16	51	0.8	5
R66	NO SAMPLE				

Red gold

Certified by



MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

AMOCO CANADA
PETROLEUM COMPANY LTD.

JUN 11 1984

MINING DIVISION

ANALYTICAL REPORT

Project Date of report June 8/84.

File No. 4-336 Date samples received June 4/84.

Samples submitted by: Paul Brown

Company: Amoco Canada

Report on: 3 rock (assay prep) Geochem samples

Assay samples

Copies sent to:

1. Paul Brown, Amoco Canada, Mississauga, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: Cu, Pb, Zn, Ag-nitric, perchloric digestion, A.A.,

..... Au-aqua regia, A.A.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: AMOCO CANADA PETROLEUM

FILE 4-336

ATTENTION: PAUL BROWN

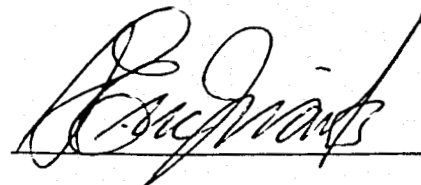
DATE: JUNE 7/84

TYPE ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 3 samples submitted.

SAMPLE NUMBER	CU PPM	ZN PPM	AG PPM	AU PPB
1 PB	380	340	5.9	880
2 PB	18	123	2.6	145
3 PB	1180	190	2.1	1000

Certified by



No: 1327

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 4-428R

LOCATION: WAYNE SPILSBURY

(604)980-5814 OR (604)988-4524

TYPE ROCK GEOCHEM

DATE: JULY 2, 1984

REPORT VALUES IN PPM)	AG	AS	CU	FE	SB	ZN	AU-PPB
0051	1.5	7	53	50300	0	111	10
0052	7.2	2520	1100	81900	0	31	195
0053	2.2	14	1030	36200	0	173	125
0054	2.8	24	204	83900	0	15	20
0055	1.8	3	132	53200	0	178	5

↑ P/A ↓
 } SHIK

053 - selected sample of highly altered gneiss
 064 - 0+25E - 1+25N - dark green, hornblende
 from with minor disc. pyrite & calc
 065 - 1+40E - 0+35N - random grab of several samples

No: 1327

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 4-428R/P5+6

LOCATION: WAYNE SPILSBURY

(604)980-5814 OR (604)988-4524

TYPE SOIL GEOCHEM

DATE: JULY 2, 1984

REPORT VALUES IN PPM)	AG	AS	CU	FE	SB	ZN	AU-PPB
L1E4+00N	.6	0	28	40500	0	87	1
L1E4+50N	.6	0	25	40600	0	69	1
L1E5+00N	.9	1	46	48000	0	70	1
L1E5+50N	.7	0	27	38500	0	55	1
L1E6+00N	.9	0	37	48400	0	55	1
L1E6+50N	1.0	1	78	40000	0	77	1
L1E7+00N	.9	0	27	48900	0	92	2
L3E0+00N	.7	0	27	39800	0	66	1
L3E0+50N	.8	4	17	37200	0	68	1
L3E1+00N	1.1	4	147	60800	3	133	1
L3E1+50N	1.0	0	17	44900	0	103	1
L3E2+00N	1.1	0	19	46200	0	123	1
L3E2+50N	.6	0	14	36100	0	57	2
L3E3+00N	.9	0	38	44900	0	94	5
L3E3+50N	.7	0	31	37300	0	55	1
L3E4+00N	.8	0	11	37600	0	146	1
L3E4+50N	1.0	4	58	44900	0	57	1
L3E5+00N	.9	0	27	43400	0	151	1
L3E5+50N	1.1	0	175	40500	2	82	1
L3E6+00N	.8	1	33	46800	0	72	1
L3E6+50N	1.1	0	20	45700	0	118	5
L3E7+00N	1.0	3	42	39300	0	87	10
L1E0+00N	.7	0	16	24500	0	107	1
L1E0+50N	.9	0	9	26100	0	88	2
L1E1+00N	.8	3	17	41100	0	95	1
L1E1+50N	1.2	0	17	39800	0	123	10
L1E2+00N	1.2	4	55	46400	0	101	25
L1E2+50N	1.1	2	25	44100	0	182	1
L1E3+00N	.9	2	21	37000	0	84	15

↑
 SHIK
 ↓
 SHIK
 SHIK PROPERTY

CDN RESOURCE LABORATORIES LTD.
 #8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL (604) 946-4448

ASSAY REPORT

TO: Falconbridge Ltd.
 6415 - 64 Street
 Delta, B.C.
 V4K 4E2

FILE NO.: 84-108

DATE: June 13, 1984

ATTENTION: Mr. T. Bruland cc. Mr. J. Gammon

PROJECT:

Sample Description	Au (g/tonne)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	
6201	L	0.5	L	L	L	Chip Sample
6202	L	0.5	L	L	.01	" "
6203	L	L	.03	L	.01	" "
6204	L	L	.01	L	L	" "
6205	L	1.5	.10	.01	L	" "
6206	L	0.5	L	L	L	" "
6207 <i>Not</i>	1.40 <i>1400 ppb</i>	1.0	.36 <i>3600 ppm</i>	L	.04	" "
6208	.10	1.0	.54	L	.03	Feat
6209	.40	3.0	.27	L	.04	"
6210	.40	39.5	.04	L	.08	"
6211 <i>Not</i>	.70 <i>700 ppb</i>	1.0	.22 <i>2200 ppm</i>	L	.02	Chip Sample
6212	.15	0.5	.04	L	L	Float
6213	.20	1.0	.08	L	L	"

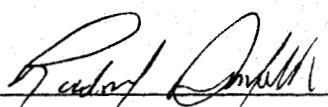
Rejects retained one month,
 pulps one year, unless
 specific arrangements made.

APPENDIX II

ITEMIZED COST STATEMENT

Geologist - 2 days @ \$200/day	\$ 400.00
Geological Assistant - 2 days @ \$100/day	200.00
Transportation - 2 days @ \$50/day	100.00
Room and Board - 2 days @ \$50/man day	200.00
Geochemical Analyses:	
70 rock samples @ \$12.50/sample	875.00
Report preparation and drafting	300.00

Total \$2075.00



R.M. Duffield B.Sc.
(Geologist)

Durfeld Geological Management Ltd.

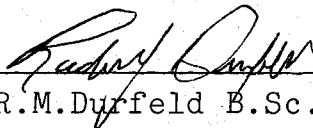
2029 SOUTH LAKESIDE DRIVE
WILLIAMS LAKE, B.C. V2G 2R1

Telephone (604) 392-4691

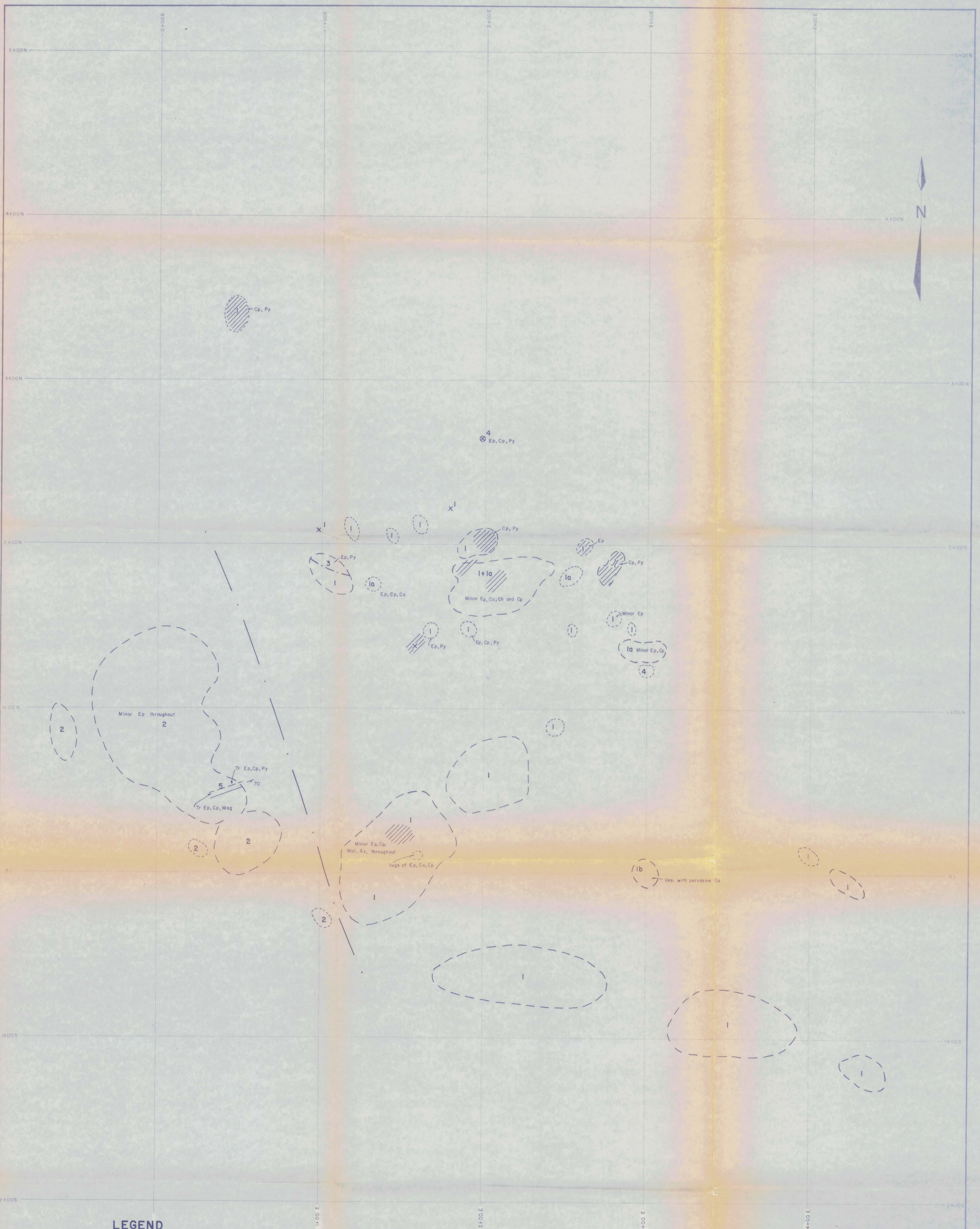
STATEMENT OF QUALIFICATIONS

I, Rudolf M. Durfeld of 2029 South Lakeside Drive,
Williams Lake, British Columbia, hereby certify that:

- 1) I am a graduate of the University of British Columbia Bachelor of Science (Geology Major) in 1972 and have practiced my profession as geologist since that time.
- 2) I am a Fellow of the Geological Association of Canada.
- 3) I am the author of this report which is based on work conducted on the SHIK 1 and 2 mineral claims during the period May 1st, to July 31, 1984.



R.M. Durfeld B.Sc.
(Geologist)



LEGEND

LOWER JURASSIC

DYKES

- 5) Monzonite
- 4) Syenite
- 3) Hornblende Porphyry

VOLCANIC ROCKS

- 2) Trachyandesite - massive flows, chaotic breccia and debris flow. - minor epidote alteration throughout.
- 1) Basalt - massive homogenous flows to debris flows.
 - 1a) Sections with irregular pink monzonite fragments.
 - 1b) Calcareous Basalt - calcitic healed vesicles and matrix, also sections with limestone fragments.

ALTERATION

Propylite: Areas with intense epidote, chlorite, and carbonate alteration.

SYMBOLS

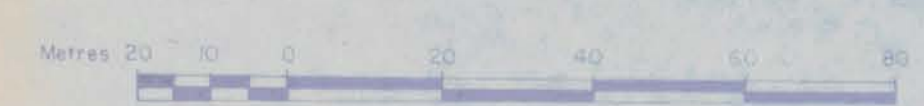
- x Outcrop
- ⊗ Float
- Geological Contact - defined, approximate, assumed
- + / / Bedding - horizontal, inclined, vertical
- ~ ~ ~ Fault - defined, approximate, assumed
- ~ ~ ~ Fault - inclined, vertical
- Trench

ABBREVIATIONS

- az azurite
- ca calcite
- cp chalcopryite
- ch chlorite
- ep epidote
- frag fragment
- ls limestone
- mag magnetite
- mal malachite
- py pyrite
- tr trace
- vesi vesicular

GEOLOGICAL BRANCH
ASSESSMENT REPORT

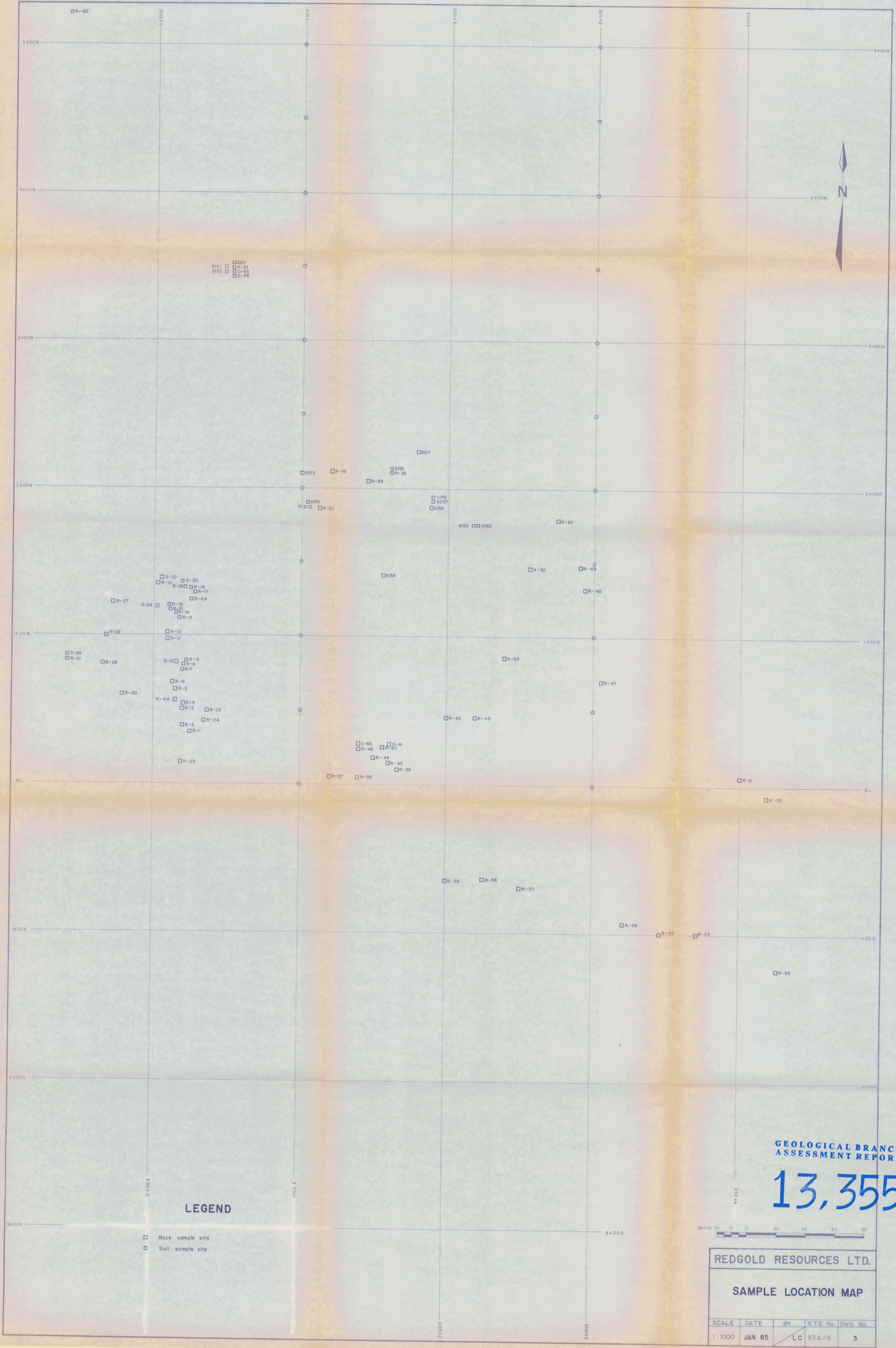
13,355



REDGOLD RESOURCES LTD.

GEOLOGICAL MAP

SCALE	DATE	BY	N.T.S. No.	DWG. No.
1:1000	JAN 85	LC	93A/6	2



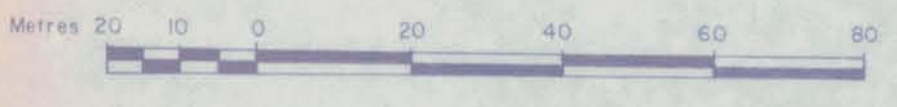
6151 □ 6211
 6152 □ 6153
 6153 □ 6154
 6154 □ 6155
 6155 □ 6156
 6156 □ 6157
 6157 □ 6158

LEGEND

- Rock sample site
- Soil sample site

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

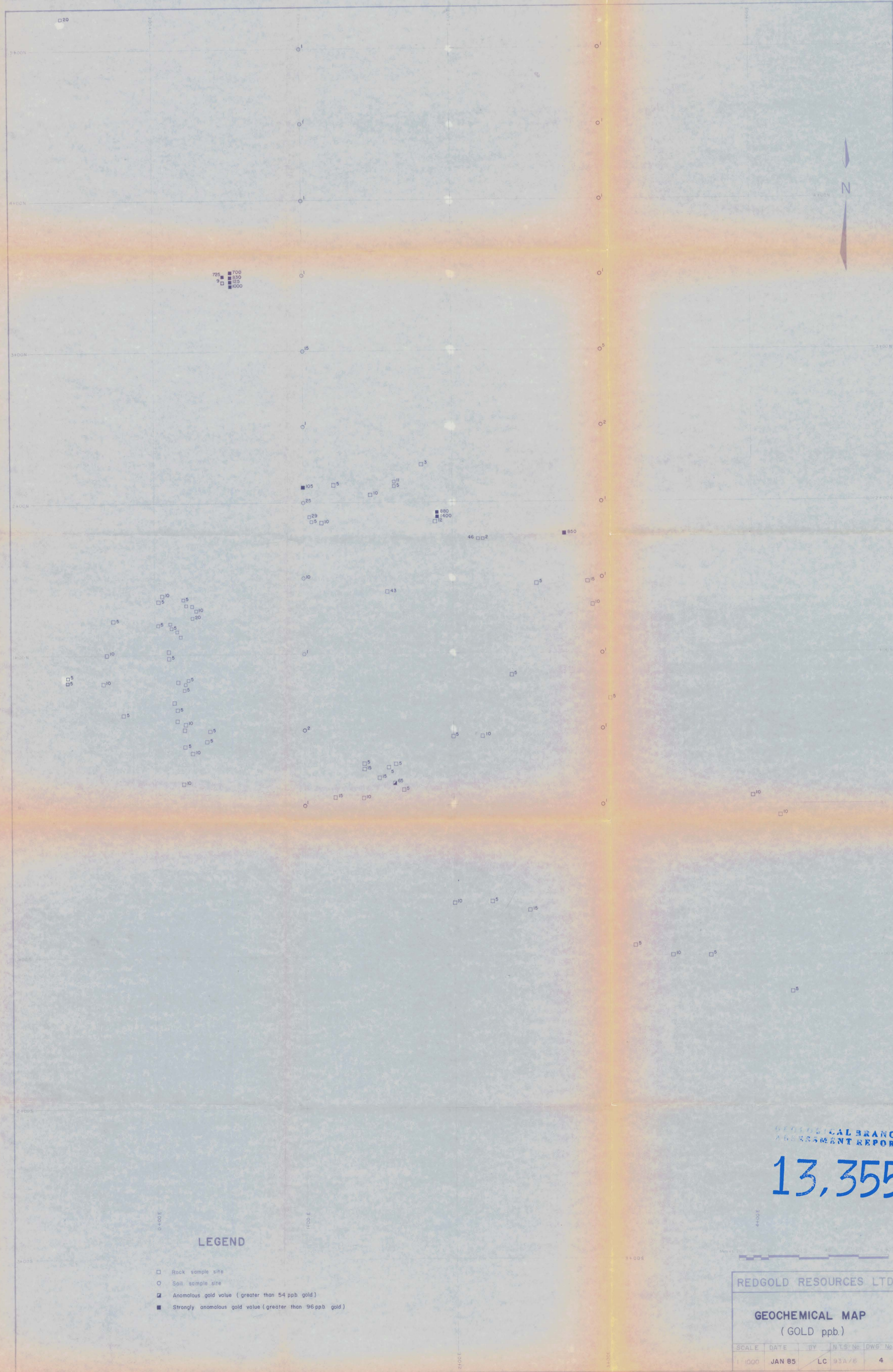
13,355



REDGOLD RESOURCES LTD.

SAMPLE LOCATION MAP

SCALE	DATE	BY	N.T.S. No.	DWG. No.
1:1000	JAN 85	LC	93A/6	3



725 ■ 700
 9 ■ 630
 ■ 180
 ■ 1000



LEGEND

- Rock sample site
- Soil sample site
- Anomalous gold value (greater than 54 ppb gold)
- Strongly anomalous gold value (greater than 96 ppb gold)

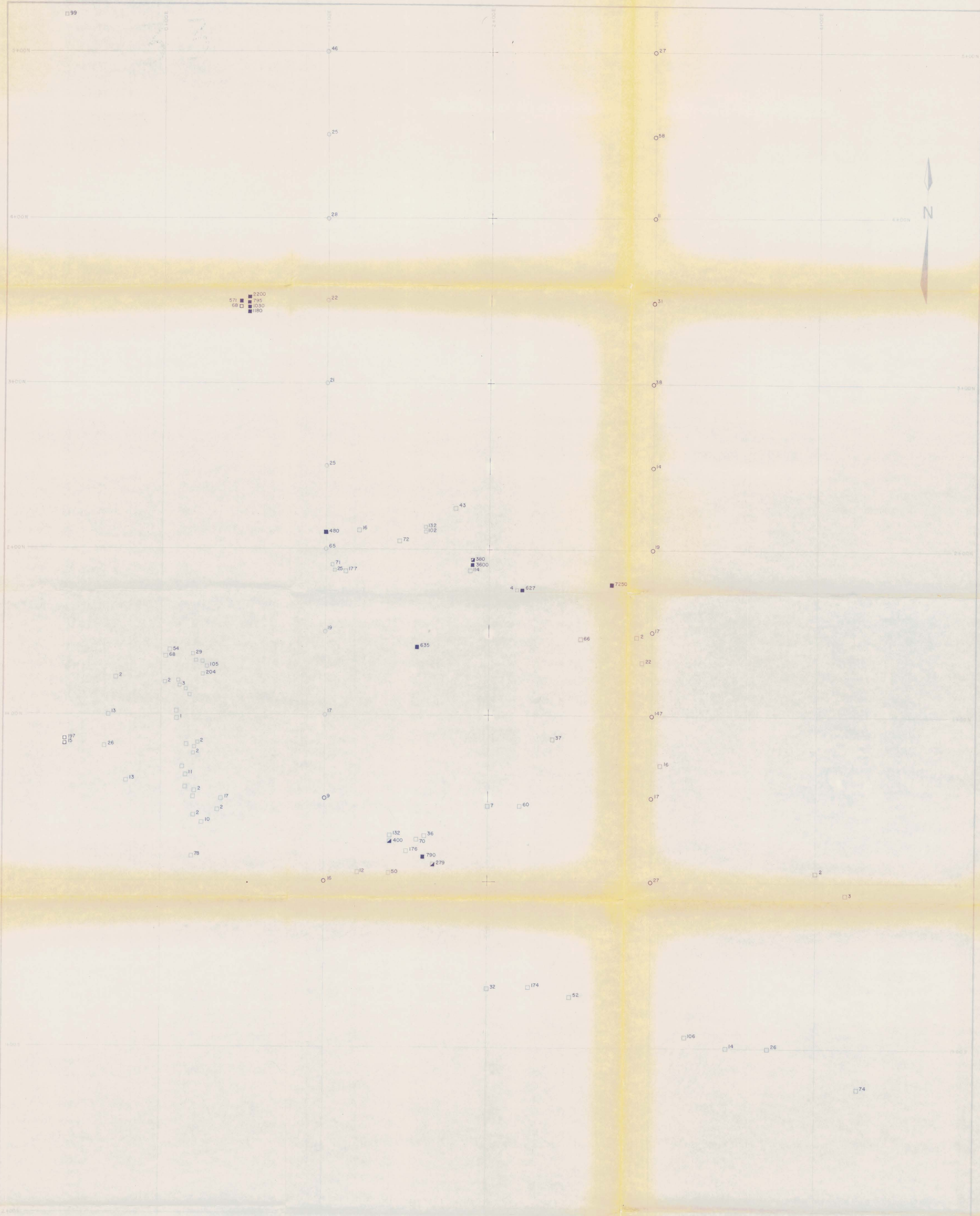
GEOLOGICAL BRANCH
 ASSESSMENT REPORT

13,355

REDGOLD RESOURCES LTD.

GEOCHEMICAL MAP
 (GOLD ppb.)

SCALE	DATE	BY	NTS No	DWG No
1:1000	JAN 85	LC	93A/6	4



2200
 795
 1030
 1180
 571
 65

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,355

LEGEND

- Rock sample site
- Soil sample site
- Anomalous copper value (greater than 260 ppm copper)
- Strongly anomalous copper value (greater than 408 ppm copper)



REDGOLD RESOURCES LTD.

**GEOCHEMICAL MAP
(COPPER ppm.)**

SCALE	DATE	BY	HTS No.	DWG No.
1:5000	JAN 85	LC	91A/5	5