

FOX GEOLOGICAL CONSULTANTS LTD.

LOG No. 0321
ACTION
FILE NO.

**GEOCHEMICAL AND GEOLOGICAL REPORT ON
THE SHIK AND REDGOLD CLAIMS
CARIBOO MINING DIVISION**

BRITISH COLUMBIA

NTS 93A6

52°28'N 120°28'W

by

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and**

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Work paid for by Phelps Dodge Corporation of Canada Ltd.

February 15th, 1990

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,803

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SUMMARY

Geochemical and geological surveys were conducted from October 25th to November 3rd, 1989. Sixteen kilometres of grid lines were established along which 222 soils and 29 rock samples were collected and analyzed for Au and 30 additional elements. Geological mapping was completed at 1:5000 scale over an area of one square kilometre.

INTRODUCTION

This report summarizes mineral exploration done on the Redgold property between October 25 and November 3, 1989.

LOCATION AND ACCESS

The Redgold property is located in central British Columbia approximately 60 kilometres northeast of Williams Lake (pop. 10,280) and 13 kilometres north of the small community of Horsefly (Figure 1). Williams Lake is a major centre in central B.C. with highway, railway and air transportation. Access to the property is via all weather gravel roads north from Horsefly and then by a network of logging road spurs into clearcuts, which cover eighty percent of the claims. Horsefly is situated in the interior plateau country of central B.C. typically having gentle topography, hot dry summers and moderate winters. Exploration work can continue year round. The claims are situated immediately south of Quesnel Lake and west of Horsefly River. There is adequate area on the Redgold property for mine-mill development and tailings disposal facilities.

CLAIM INFORMATION

The Redgold "A" group (Figure 2) is situated in the Cariboo Mining Division on NTS mapsheet 93A/6W. It consists of the Shik 1, Shik 2 and Redgold 10 mineral claims totalling 54 units. The remaining claims listed below in Redgold "A" group lie within Redgold 10 and have been omitted from Figure 2 for clarity.

<u>Group</u>	<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
Redgold A	Shik 1	4331	16	31/05/90
	Shik 2	4332	12	01/06/90
	Redgold 10	10240	20	24/10/90
	RG 2	9326	1	16/08/91
	RG 3	9327	1	16/08/91
	Dar 1	9971	1	16/08/90
	Dar 2	9972	1	16/08/90
	Dar 3	9973	1	16/08/90
	Dar 4	9974	1	16/08/90
	Dar 5	9975	1	16/08/90
	Dar 6	9976	1	16/08/90
	Fred 4	9981	1	16/08/90
	Fred 5	9982	1	16/08/90
	Fred 6	9983	1	16/08/90
	Fred 7	9984	1	16/08/90

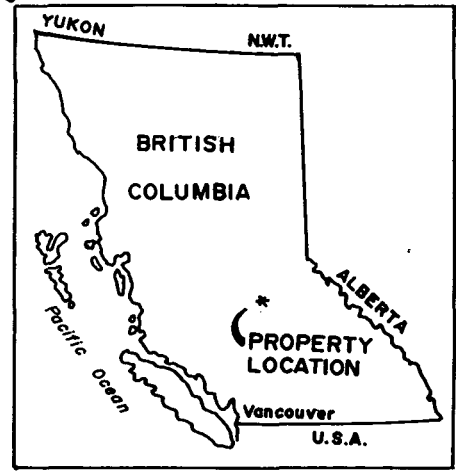
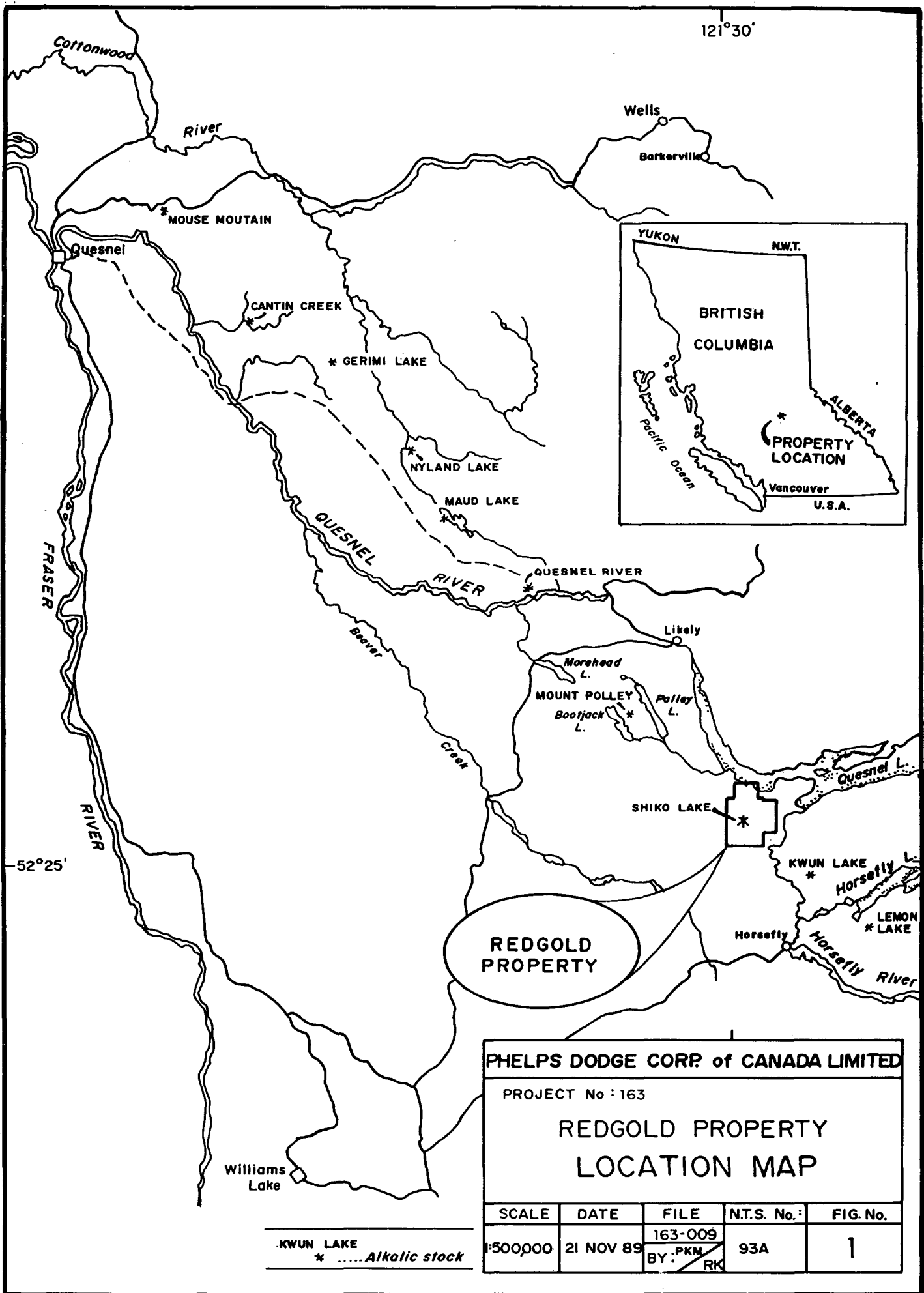
<u>Group</u>	<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
	Fred 8	9985	1	16/08/90
	Fred 9	9986	1	16/08/90
	LD 1	9987	1	16/08/90
	LD 2	9988	1	16/08/90
	LD 3	9989	1	16/08/90
	LD 4	9990	1	16/08/90
Redgold B	Shik 3	10313	16	01/12/90
	Shik 4	10314	12	01/12/90
	Shik 5	10315	15	01/12/90
	Shik 6	10316	20	01/12/90
	Shik 7	10317	18	01/12/90

Ownership of the Redgold property was transferred to Phelps Dodge Corporation of Canada Ltd. in accordance with an option agreement between Phelps Dodge and J. W. Morton and R. M. Durfeld.

HISTORY

The first exploration that is known to have occurred on the property was completed by Kerr Addison Mines and Dusty Mac Mines between 1969 and 1971. This work entailed 26 kilometres of induced polarization surveying, 500 metres of bulldozer trenching and some geochemical sampling. In 1972, the area was staked by Fox Geological Consultants Ltd. of Kamloops, for the Cariboo Syndicate (the Cariboo Syndicate was funded by Dome Mines Ltd. and Newconex Canadian Exploration Ltd. and managed by P. E. Fox). The 1972 claim group totalled 96 contiguous claims, the "SL" group, covering the Shiko Lake intrusive complex and peripheral country rock. During 1973 and 1974 sixteen kilometres of induced polarization and magnetometer surveying, soil and rock sampling, geological mapping, trenching, and 280 metres of percussion drilling were completed. No further work was conducted by the Cariboo Syndicate subsequent to 1974 and the claim group was allowed to reduce to 28 central claims. In 1980, Terramar Resource Corporation of Vancouver acquired the remaining 28 "SL" claims and completed three diamond drill holes totalling 320 metres in the syenite core of the complex. In 1982, J. W. Morton and R. M. Durfeld staked the Shik 1 and 2 claims (the Redgold Property) east of the "SL" claims. From 1982 to 1986, Morton and Durfeld completed geological mapping, geochemical soil and rock sampling, 6.5 kilometres of induced polarization surveying, VLF, and magnetometer surveying, and some trenching on the Shik claims. During this time the Redgold property was optioned by Sedona Resources Corporation and later dropped after \$17,000 in exploration expenditures. In 1984, Terramar Resource Corporation completed a 16.5 kilometre geochemical soil survey on the "SL" claims. In August, 1989, 27 of the remaining 28 "SL" claims expired and the area was restaked by Morton and Durfeld, thus consolidating the Redgold property with

121°30'



**REDGOLD
PROPERTY**

PHELPS DODGE CORP. of CANADA LIMITED

PROJECT No : 163

**REDGOLD PROPERTY
LOCATION MAP**

SCALE	DATE	FILE	N.T.S. No.:	FIG. No.
1:500,000	21 NOV 89	163-009 BY: PKM RK	93A	1

·KWUN LAKE
*Alkalic stock

52°25'

FRASER RIVER

QUESNEL RIVER

Beaver Creek

Creek

Likely

MOUNT POLLEY

Bootjack L.

Palley L.

SHIKO LAKE

KWUN LAKE

Horsefly L.

LEMON LAKE

Horsefly

Horsefly River

Cottonwood River

River

* MOUSE MOUNTAIN

CANTIN CREEK

* GERIMI LAKE

NYLAND LAKE

MAUD LAKE

QUESNEL RIVER

Wells

Barkerville

Quesnel

Williams Lake

* PROPERTY LOCATION

Vancouver

U.S.A.

121°30'

QUESNEL LAKE

MITCHELL BAY

REDGOLD 10
10240(10)

SHIK 1
4331(5)

SHIK 2
4332(6)

SHIKO LAKE

ANTOINE LAKE

ERIC LAKE

HORSEFLY RIVER

52°25'



PHELPS DODGE CORP of CANADA LIMITED

PROJECT NO: 163

**REDGOLD 'A' GROUP
CLAIM MAP**

SCALE	DATE	FILE	N.T.S. NO:	FIG. NO:
1:50,000	Jan 3/90	163-018	96A/5,6	2
		BY: RK		

the original Shiko Lake intrusive complex prospects. At this point the property was optioned to Phelps Dodge Corporation of Canada Ltd. On November 17, 1989, the last of the "SL" claims expired. This ground and additional ground covering favourable exploration targets peripheral to the Shiko stock, were staked by Phelps Dodge. Staking was completed on December 1, 1989.

1989 WORK PROGRAM

Mineral exploration was carried out on the Redgold property from October 25th to November 3rd, 1989. This work included 5.4 kilometres of control lines and eleven kilometres of grid lines, which were sampled and mapped (Figure 3) prior to freeze-up. The grid was established by chain and compass methods. Lines were spaced 100 metres apart and sampled and picketed every 50 metres with tie lines at 500-metre intervals. Two hundred and twenty-two soils and 29 rocks were collected and analyzed. Soil samples were collected from the "B" horizon where possible. Rock samples are grabs of either bedrock or float material. All samples were analyzed for gold and 30 additional elements at Acme Analytical Laboratories Ltd. in Vancouver, B.C. The principle elements of interest (As, Au, Ca, Cu, and Fe) along with field notes are provided in Appendix I. Expenditures detailed further herein totalled \$19,371.

REGIONAL GEOLOGY

In the vicinity of the Redgold property a narrow belt of mafic and felsic volcanic rocks, comagmatic dioritic stocks, and a variety of sedimentary rocks form the Quesnel Trough. The belt is crudely symmetrical about a central axis of felsic volcanic rocks flanked to the east and west in turn by mafic volcanics and flyschoid sediments.

The oldest rocks in the Quesnel Trough are basaltic sandstone and conglomerate, minor volcanic breccia, limestone and argillite. These rocks make up much of the eastern flank. Overlying these sediments and comprising much of the central volcanic belt are some 5,000 metres of mafic volcanic rocks of shoshonitic composition. These rocks are green and maroon autobreccias, pillow breccias, pillow lavas and massive flows all overlain by a thin succession, as much as 300 metres thick, of shelf-like limestone, calcareous argillite, siltstone and calcite-cemented basaltic tuff and breccia. This sedimentary member, poorly represented on the Redgold property, is covered by a thick sequence of felsic breccia up to 2,500 metres thick in which massive flows and compact monolithologic breccias predominate. These proximal facies rocks merge outward from eruptive centres to heterolithic epiclastic breccias and sediments.

A linear belt of alkalic stocks composed of diorite, monzonite and syenite lies within the volcanic strata and is believed to mark various eruptive centres of the felsic rocks. These stocks intrude their felsic extrusives and commonly alter the surrounding rocks. The stocks are the hosts for several alkalic suite porphyry style mineral deposits.

Exploration activity in the Quesnel Trough is at a high level. Ten kilometres to the north of the property, Imperial Metals and Corona Corp. are preparing the Mt. Polley deposit (formerly referred to as Cariboo Bell) for feasibility. Announced reserves on the property are 53,000,000 tons of 0.44% Cu and .017 oz/ton gold. Ten kilometres farther north is the QR deposit owned by QPX Minerals Inc., a company partly owned by Placer Dome Inc. Currently in the pre-feasibility stage the deposit hosts reserves of 814,000 tons of 0.13 oz/ton gold.

PROPERTY GEOLOGY

The Redgold property covers an alkalic intrusion, known as the Shiko stock, and a series of volcanic and sedimentary rocks (Figure 3). The base of the volcanic rocks is made up of augite basalt which consists of interlayered basaltic wackes and calcareous and noncalcareous submarine flows and flow breccias. These flows are green or maroon, with prominent, coarse to very coarse grained augite phenocrysts and are overlain by felsic rocks consisting of massive tuff breccias. Dark grey siltstone overlies the lower members of the felsic rocks. The youngest lithologic unit on the Redgold property is maroon basalt comprising analcite-bearing flows and flow breccias. Rocks strike northerly and dip westerly at 30 to 50 degrees.

The Shiko stock, lying in the central part of the property, is a circular intrusive complex consisting of augite diorite that grades inward to monzonite and syenite. Mafic and felsic dykes commonly cut the volcanic strata east and west of the stock, generally striking northwest and northeasterly.

Three areas of gold- and copper-bearing rock have been outlined to date: the "SL" prospect, an area of pyritic and propylitic- and potassic-altered diorite and felsic breccia near the eastern margin of the stock; the "EXO" prospect, located approximately 500 metres southeast of the Shiko stock; and the "REDGOLD" prospect, comprised of pyritic volcanics lying one kilometre farther east.

GEOCHEMISTRY

Figure 4 shows locations and copper and gold contents of rock samples collected during this program. The most notable samples are listed below (Appendix I).

<u>Prospect</u>	<u>Sample #</u>	<u>Au (g/t)</u>	<u>Cu (%)</u>
Redgold	24134	1.2	0.23
	24138	1.6	0.91
	24139	1.4	1.08
Exo	24145	0.6	0.04
	24147	0.5	0.13
	24339	0.5	<0.01

Figures 5, 6, and 7 give arsenic, copper, and gold contents of soils in the grid area. Copper distribution successfully outlines known mineralized areas where as arsenic and gold concentrations are low and erratic over known mineralized zones. No new targets are indicated by soil geochemistry results.

DISBURSEMENTSSalaries:

E. Birkett sampler	88.0 hrs. @ \$22	\$ 1,936.00	
R. Cameron geologist	70.5 hrs. @ \$40	2,820.00	
P.E. Fox geologist	25.0 hrs. @ \$60	1,500.00	
R. Konst geologist	124.0 hrs. @ \$30	3,720.00	
C. Moffat sampler	72.0 hrs. @ \$22	<u>1,584.00</u>	11,560.00

Accommodation and Board:

30 man-days @ \$45/day			1,350.00
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Vehicle Rental:

10 days @ \$45/day			450.00
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Geochemical Analysis:

222 soil samples @ \$11.60/sample			2,576.00
29 rock samples @ \$13.75/sample			399.00

Maps and Airphotos:

800.00

Field Supplies:

285.00

Travel:

526.00

Report and Drafting:1,425.00**Total Disbursements:****\$ 19,371.00**

All work was funded by Phelps Dodge Corporation of Canada Ltd.

Prepared by:

FOX GEOLOGICAL CONSULTANTS LTD.



R. A. Konst, B.Sc.



P. E. Fox, Ph.D., P.Eng.


February 15, 1990

CERTIFICATES

I, Peter Edward Fox, certify to the following:

1. I am a consulting geologist residing at 890 Farmleigh Road, West Vancouver, BC.
2. I am a Professional Engineer registered in the Association of Professional Engineers in British Columbia.
3. My academic qualifications are:

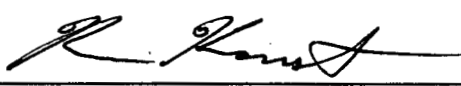
B.Sc. and M.Sc., Queens University, Kingston, Ontario
Ph.D., Carleton University, Ottawa, Ontario
4. I have been engaged in geological work since graduation in 1966.



Peter E. Fox, Ph.D., P. Eng.
Vancouver, British Columbia
February 15, 1990

I, Ronald Andre Konst, certify to the following:

1. I am a consulting geologist residing at 951 Ringwood Avenue, Vancouver, BC.
2. I graduated from the University of British Columbia with a B.Sc. degree in Geology.
3. I have been engaged in geological work since graduation in 1984.



Ronald A. Konst, B.Sc.
Vancouver, British Columbia
February 15, 1990

A P P E N D I X I
Geochemical Analyses

METHOD OF ANALYSIS

Soil and rock samples were pulverized and screened to -80 mesh then analyzed for Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, and W using inductively coupled plasma technique (ICP), along with atomic absorption for gold.

REDGOLD PROJECT
GEOCHEMISTRY

SAMPLE NUMBER	Cu ppm	As ppm	Ca %	Fe %	Au ppb	Property	Sampler	Sample Type	Material Sampled	Soil Horizon	Colour	Topography	Northing	Easting
24339	21	6	1.96	8.97	450	REDGOLD	RAK	GRAB	FLOAT		BROWN	HILLSIDE	9980	9150
24338	491	37	5.05	6.67	128	REDGOLD	RAK	GRAB	BEDROCK		BROWN	HILLSIDE	10015	9180
24340	183	4	1.00	4.57	75	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10035	9150
24342	26	19	3.16	4.36	183	REDGOLD	RAK	GRAB	BEDROCK		GREEN	FLAT	10060	9050
24341	13	2	1.04	2.77	47	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10060	9160
24140	2125	7	5.89	2.66	33	REDGOLD	RAK	GRAB	BEDROCK		GREEN	FLAT	10100	10250
24141	76	6	2.26	3.78	22	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10170	9070
24142	15	2	1.24	4.04	5	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10170	9070
24143	144	9	1.86	2.71	26	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10170	9070
24144	12	5	2.71	4.59	87	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10170	9070
24145	416	24	0.97	6.75	610	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10170	9070
24139	10849	17	2.76	2.53	1370	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10170	10320
24128	38	7	1.20	4.50	58	REDGOLD	RAK	GRAB	BEDROCK		GREY	FLAT	10185	9950
24135	157	7	6.37	1.16	4	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10200	10220
24136	2400	18	4.02	1.74	490	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10200	10310
24137	6808	29	2.82	1.94	930	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10200	10310
24138	9107	36	2.53	2.63	1600	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10200	10310
24146	188	12	1.20	2.61	17	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10320	9280
24130	1525	19	3.41	1.51	740	REDGOLD	RAK	GRAB	BEDROCK		GREEN	FLAT	10380	10050
24131	7001	22	4.48	2.52	1340	REDGOLD	RAK	GRAB	BEDROCK		GREEN	FLAT	10380	10050
24132	895	12	2.79	1.57	91	REDGOLD	RAK	GRAB	BEDROCK		GREEN	FLAT	10380	10050
24133	435	16	1.50	1.47	320	REDGOLD	RAK	GRAB	BEDROCK		GREEN	FLAT	10380	10050
24134	2348	21	5.19	1.44	1230	REDGOLD	RAK	GRAB	BEDROCK		GREEN	FLAT	10380	10050
24147	1304	14	8.36	6.34	460	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10480	9320
24148	196	7	6.68	5.26	66	REDGOLD	RAK	GRAB	BEDROCK		GREEN	HILLSIDE	10480	9320
24337	75	2	1.15	3.73	107	REDGOLD	RAK	GRAB	BEDROCK		BROWN	FLAT	10500	9500
24129	7	11	1.48	4.62	27	REDGOLD	RAK	GRAB	FLOAT		GREEN	HILLSIDE	10790	8700
24343	2012	2	1.72	5.84	230	REDGOLD	RAK	GRAB	BEDROCK		GREY	FLAT	11100	9000
24344	5425	2	1.79	1.43	168	REDGOLD	RAK	GRAB	FLOAT		GREY	FLAT	11160	9000
22794	45	16	0.31	4.03	11	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9000
22793	23	10	0.30	2.39	14	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10000	9050
22792	81	16	0.37	4.03	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10000	9100
24300	63	8	1.74	3.05	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10000	9150
24299	46	3	0.34	2.82	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9200
24298	16	3	0.30	2.78	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9250
24297	22	5	1.75	2.17	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9300
24296	55	6	0.66	4.27	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9350
24295	89	8	0.34	4.75	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9400
24294	36	3	0.72	3.31	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9450
24293	42	6	0.33	3.17	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9500
24292	73	5	0.61	4.20	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9550
24291	44	8	0.48	4.00	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9600
24290	40	2	0.44	3.60	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9650
24289	35	7	1.83	2.92	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9700
24288	19	2	0.27	2.55	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9750
24287	21	2	0.26	2.66	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9800
24286	32	5	0.25	3.93	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9850
24285	37	3	1.11	2.59	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9900
24284	260	6	2.22	4.51	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10000	9950

REDGOLD PROJECT
GEOCHEMISTRY

SAMPLE NUMBER	Cu ppm	As ppm	Ca %	Fe %	Au ppb	Property	Sampler	Sample Type	Material Sampled	Soil Horizon	Colour	Topography	Northing	Easting
24283	42	5	0.43	3.77	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	GULLEY	10000	10000
24262	767	15	0.93	4.72	850	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9000
24263	16	9	0.22	1.76	4	REDGOLD	CM	SOIL	COLLUVIUM	B	GREY	FLAT	10100	9050
24264	19	5	0.33	2.07	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9100
24265	25	7	0.39	2.46	4	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9150
24266	12	7	0.40	1.86	1	REDGOLD	CM	SOIL	COLLUVIUM	B	GREY	FLAT	10100	9200
24267	46	8	0.33	3.22	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9250
24268	202	17	1.38	4.99	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9300
24269	20	3	0.36	2.34	6	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9350
24270	32	2	0.27	2.84	4	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9400
24271	42	5	0.35	3.02	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9450
24272	13	5	0.18	2.29	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9500
24273	48	8	0.37	3.13	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9550
24274	22	3	0.19	2.93	5	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9600
24275	21	2	0.28	2.81	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9650
24276	18	3	0.20	2.82	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9700
24277	28	2	0.25	3.10	5	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9750
24278	24	6	0.37	2.87	4	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9800
24279	23	2	0.42	2.71	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9850
24280	57	4	0.89	3.24	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9900
24281	52	3	0.40	4.03	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	9950
24282	17	5	0.17	3.38	90	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10100	10000
24261	13	6	0.21	2.18	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9050
24260	45	9	0.42	2.85	5	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9100
24259	9	2	0.39	1.73	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9150
24258	35	13	0.33	2.78	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9200
24257	27	9	0.21	3.05	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9250
24256	38	11	0.45	2.97	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9300
24255	43	5	0.65	2.49	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9350
24254	22	9	0.36	2.77	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9400
24253	23	10	0.64	2.26	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9450
24252	26	2	2.98	0.42	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9500
24251	37	4	3.81	0.67	1	REDGOLD	CM	SOIL	ORGANIC	B	BROWN	FLAT	10200	9550
24250	83	19	0.61	3.65	5	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9600
24249	156	16	1.12	5.29	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9650
24248	36	4	0.30	2.73	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9700
24247	22	4	0.40	2.13	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9750
24246	17	5	0.38	2.18	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9800
24245	7	2	2.39	0.17	1	REDGOLD	CM	SOIL	ORGANIC	B	BROWN	FLAT	10200	9850
24244	14	6	4.05	0.55	4	REDGOLD	CM	SOIL	ORGANIC	B	BROWN	FLAT	10200	9900
24243	22	11	0.14	4.31	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	9950
24201	14	2	0.74	2.79	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10000
24202	12	4	0.35	2.61	18	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10050
24203	36	2	0.30	3.74	9	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10100
24204	28	6	0.22	3.63	5	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10150
24205	11	2	0.22	2.43	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10200
24206	27	3	0.18	3.50	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10250
24207	17	4	0.23	4.01	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10300
24208	13	2	0.17	3.15	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10350

REDGOLD PROJECT
GEOCHEMISTRY

SAMPLE NUMBER	Cu ppm	As ppm	Ca %	Fe %	Au ppb	Property	Sampler	Sample Type	Material Sampled	Soil Horizon	Colour	Topography	Northing	Easting
24209	21	6	0.23	2.80	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10400
24210	12	3	0.38	3.26	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10450
24211	15	7	0.32	3.78	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10500
24212	51	7	0.78	4.49	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10550
24213	17	3	0.18	3.22	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10600
24214	31	3	0.30	3.72	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10650
24215	20	6	0.36	3.33	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10700
24216	10	2	0.40	2.66	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10750
24217	21	2	0.41	3.26	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10800
24218	87	7	4.75	1.93	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10850
24219	56	2	0.60	4.00	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10900
24220	19	2	0.60	3.64	4	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	10950
24221	18	3	0.25	3.70	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10200	11000
24315	41	3	0.40	3.01	4	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9000
24314	40	5	0.28	3.47	5	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9050
24313	75	8	0.92	3.45	6	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	9100
24312	59	3	0.48	3.45	4	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9150
24311	68	4	0.49	3.72	7	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9200
24310	225	5	0.93	2.99	10	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9250
24309	33	3	0.28	3.12	4	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9300
24308	71	3	0.42	3.26	6	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9350
24307	56	3	0.30	2.78	11	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9400
24306	24	2	0.32	2.49	1	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9450
24305	19	2	0.18	2.44	4	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9500
24304	19	4	0.22	2.80	2	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9550
24303	21	4	0.23	3.34	3	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9600
24302	26	4	0.35	3.89	2	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9650
24301	34	2	0.66	3.63	5	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9700
24150	20	10	0.35	3.12	3	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10300	9750
24149	11	2	3.38	0.79	15	REDGOLD	RAK	SOIL	COLLUVIUM	A	BLACK	BOG	10300	9950
24242	34	7	0.31	3.87	5	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10000
24241	28	2	0.23	3.39	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10050
24240	21	4	0.21	3.35	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10100
24239	70	2	0.28	4.63	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10150
24238	15	3	0.22	3.75	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10200
24237	115	5	0.49	3.42	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10250
24236	63	8	0.58	4.33	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10300
24235	43	11	0.71	4.04	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10350
24234	27	5	0.59	3.48	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10400
24233	37	9	0.27	3.79	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10450
24232	40	9	0.40	4.29	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10500
24231	66	8	0.47	5.04	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10550
24230	21	3	1.72	2.28	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10600
24229	66	2	4.30	1.10	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10650
24228	38	19	0.40	5.27	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10700
24227	19	10	0.28	3.74	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10750
24226	56	4	3.10	2.51	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10800
24225	18	4	0.26	3.58	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10850
24224	20	5	0.41	3.31	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10900

REDGOLD PROJECT
GEOCHEMISTRY

SAMPLE NUMBER	Cu ppm	As ppm	Ca %	Fe %	Au ppb	Property	Sampler	Sample Type	Material Sampled	Soil Horizon	Colour	Topography	Northing	Eastings
24223	41	2	0.42	3.55	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	10950
24222	22	6	0.39	3.31	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10300	11000
22770	46	6	0.24	3.69	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9000
22769	21	4	0.42	3.30	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9050
22768	24	5	0.36	2.60	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9100
22767	108	3	0.43	4.37	10	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9150
22766	43	5	0.38	3.99	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9200
22765	44	7	0.23	3.92	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9250
22764	31	5	0.33	2.66	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9300
22763	17	2	0.21	2.75	4	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9350
22762	15	2	0.19	3.02	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9400
22761	26	4	0.23	3.01	3	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9450
22760	73	2	0.19	3.89	6	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9500
22759	108	3	1.10	2.78	4	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9550
22758	76	6	0.72	4.21	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLTOP	10400	9600
22757	77	24	0.86	4.56	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9650
22756	87	9	0.47	3.95	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9700
22755	21	7	0.29	3.62	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9750
22754	31	4	3.02	0.99	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	9800
22753	24	2	3.82	0.49	6	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	9850
22752	7	4	1.68	0.08	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	BOG	10400	9900
22751	20	2	2.96	0.88	2	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	9950
24351	43	2	0.71	3.28	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10050
24352	39	4	1.20	2.52	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10100
24353	256	15	0.44	4.27	3	REDGOLD	CM	SOIL	COLLUVIUM	B	ORANGE	FLAT	10400	10150
24354	58	6	0.73	3.61	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10200
24355	20	2	0.46	3.43	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10250
24356	92	6	3.51	1.84	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BLACK	FLAT	10400	10300
24357	25	2	3.19	0.12	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BLACK	FLAT	10400	10350
24358	47	7	0.47	4.33	4	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10400
24359	13	5	0.23	3.30	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10450
24360	122	20	1.67	3.16	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10500
24361	41	5	0.24	3.99	4	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10550
24362	48	4	0.42	4.24	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10600
24363	17	8	0.19	2.89	7	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10650
24364	10	4	0.27	2.58	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10700
24365	12	2	0.10	2.18	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10750
24366	38	12	0.28	4.11	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10400	10800
24367	14	2	0.24	3.08	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10850
24368	18	2	0.40	2.90	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10900
24369	8	2	0.25	2.22	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	10950
24370	15	3	0.19	2.93	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10400	11000
24316	94	2	1.30	3.67	23	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9000
24317	26	6	0.34	2.38	2	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9050
24318	94	7	0.26	3.86	8	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9100
24319	22	4	0.29	2.04	1	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLTOP	10500	9150
24320	32	2	0.32	2.95	31	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLTOP	10500	9200
24321	33	6	0.28	3.59	4	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLTOP	10500	9250
24322	23	4	0.29	3.52	3	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9300

REDGOLD PROJECT
GEOCHEMISTRY

SAMPLE NUMBER	Cu ppm	As ppm	Ca %	Fe %	Au ppb	Property	Sampler	Sample Type	Material Sampled	Soil Horizon	Colour	Topography	Northing	Easting
24323	30	3	0.36	3.27	5	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLTOP	10500	9350
24324	17	2	0.18	2.78	6	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLTOP	10500	9400
24325	21	3	0.18	3.83	2	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	9450
24326	35	2	0.15	3.98	10	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	9500
24327	15	2	0.23	2.97	5	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9550
24328	20	3	0.70	3.10	1	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9600
24329	33	4	0.33	3.68	5	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9650
24330	27	4	0.34	3.45	3	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9700
24331	21	4	0.27	2.83	5	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9750
24332	18	3	0.24	2.76	3	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	9800
24333	30	2	0.49	3.74	3	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	9850
24334	20	3	0.29	2.94	3	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	9900
24335	22	2	0.33	3.46	1	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	9950
24336	303	7	0.38	3.31	3	REDGOLD	RAK	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10000
24390	218	13	0.49	3.83	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10050
24389	30	4	0.22	3.87	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10100
24388	91	8	0.92	4.04	4	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10150
24387	92	12	1.18	4.78	4	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10200
24386	9	2	2.36	0.11	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10250
24385	75	12	3.92	1.35	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10300
24384	25	185	0.41	3.64	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10350
24383	27	2	0.24	3.77	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10400
24382	17	2	0.35	3.58	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10450
24381	16	6	0.40	3.48	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10500
24380	30	14	0.30	3.70	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10550
24379	18	6	0.19	3.54	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10600
24378	17	4	0.78	2.51	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10650
24377	26	4	0.41	3.63	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10700
24376	7	2	0.31	1.99	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10750
24375	30	2	0.44	3.88	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10800
24374	74	5	0.50	5.61	3	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10850
24373	15	6	0.49	2.70	1	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10500	10900
24372	21	7	0.54	2.86	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	10950
24371	21	2	0.32	2.94	2	REDGOLD	CM	SOIL	COLLUVIUM	B	BROWN	FLAT	10500	11000
22771	21	2	0.34	2.60	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9000
22772	24	2	0.33	3.04	47	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9050
22773	24	6	0.42	3.07	7	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9100
22774	795	7	2.26	3.55	3	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9150
22775	118	5	0.74	3.66	10	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9200
22776	129	8	1.32	2.64	160	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9250
22777	43	5	1.24	2.71	150	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9300
22778	59	2	0.32	3.37	46	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLTOP	10600	9350
22779	23	2	0.33	3.19	13	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9400
22780	48	5	0.28	3.81	9	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLTOP	10600	9450
22781	31	5	0.28	3.89	5	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9500
22782	36	2	0.80	3.25	11	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9550
22783	24	2	1.86	1.82	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9600
22784	26	2	0.31	3.08	6	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9650
22785	17	2	0.37	2.33	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9700

REDGOLD PROJECT
GEOCHEMISTRY

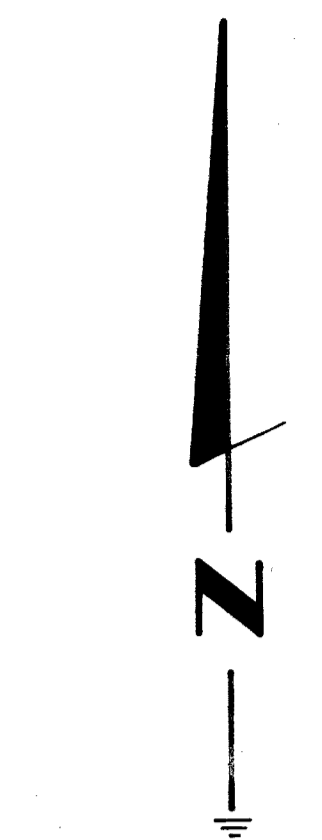
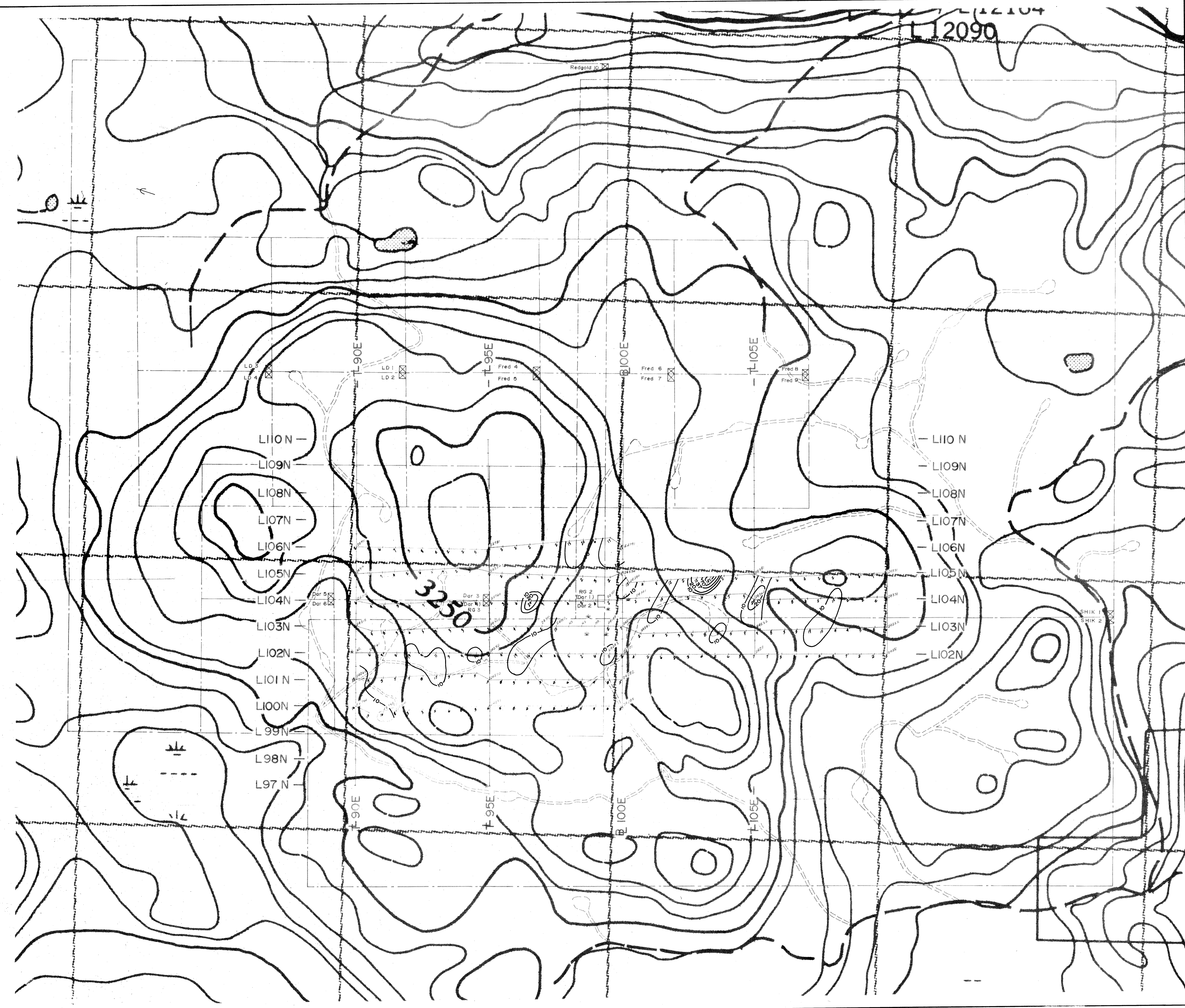
SAMPLE NUMBER	Cu ppm	As ppm	Ca %	Fe %	Au ppb	Property	Sampler	Sample Type	Material Sampled	Soil Horizon	Colour	Topography	Northing	Easting
22786	22	2	0.52	2.86	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9750
22787	31	13	0.40	3.27	2	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9800
22788	57	20	1.03	3.71	2	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	FLAT	10600	9850
22789	49	6	2.41	1.67	1	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9900
22790	44	17	1.23	3.70	4	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	9950
22791	81	17	1.54	3.68	147	REDGOLD	EB	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	10600	10000

A P P E N D I X II

References

REFERENCES

- Fox, P. E., August 1973, Geochemical and Geophysical Report on the "SL" Claims, Assessment Report # 4557.
- Fox, P.E. et al., Geology and Soil Geochemistry of the Quesnel River Gold Deposit, British Columbia, Geoexpo/86, Exploration in the North American Cordillera.
- Panteleyev, A., 1987, Quesnel Gold Belt-Alkalic Volcanic Terrane Between Horsefly and Quesnel Lakes, B.C.M.E.M.P.R., Geological Fieldwork, 1986, Paper 1987-1.



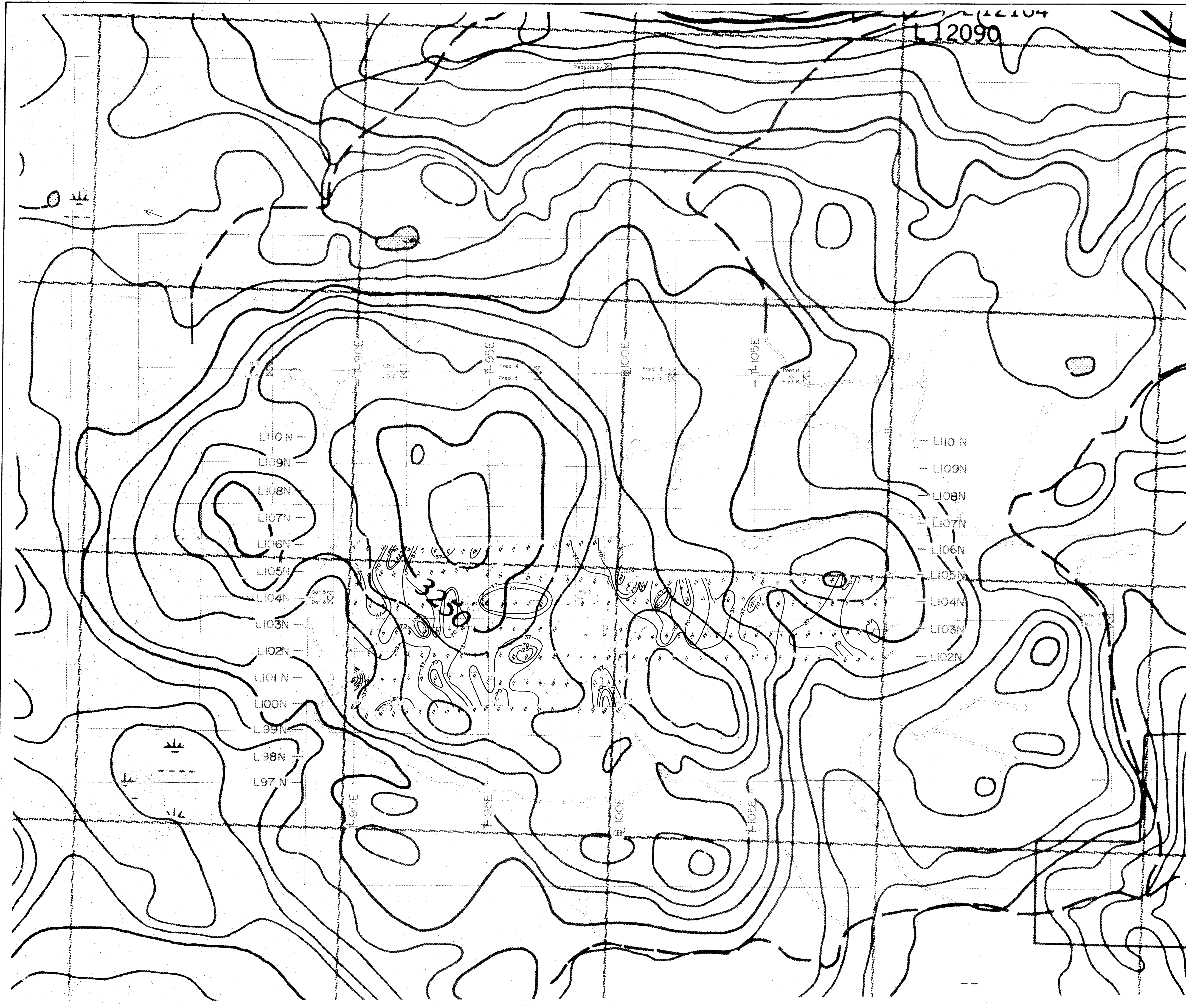
- LEGEND**
- 4 24301 Sample Number
 - Claim Line and Legal Corner Posts (Located, Approx.)
 - Road
 - Ice direction
 - CONTOURS

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

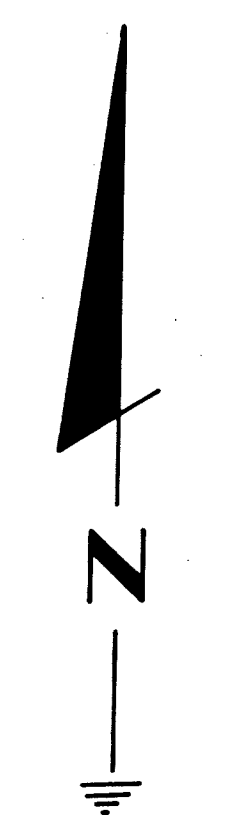
19,803

SCALE 1:5,000

PHELPS DODGE CORP of CANADA LIMITED				
PROJECT N° 142				
REDGOLD PROJECT				
SOIL GEOCHEMISTRY				
ARSENIC				
SCALE	DATE	FILE	NTS. N°	FIG. N°
1:5,000	21 NOV 89	142-C05 PKM	93A/6	5
		BY: RK/RK		



L12104
L12090



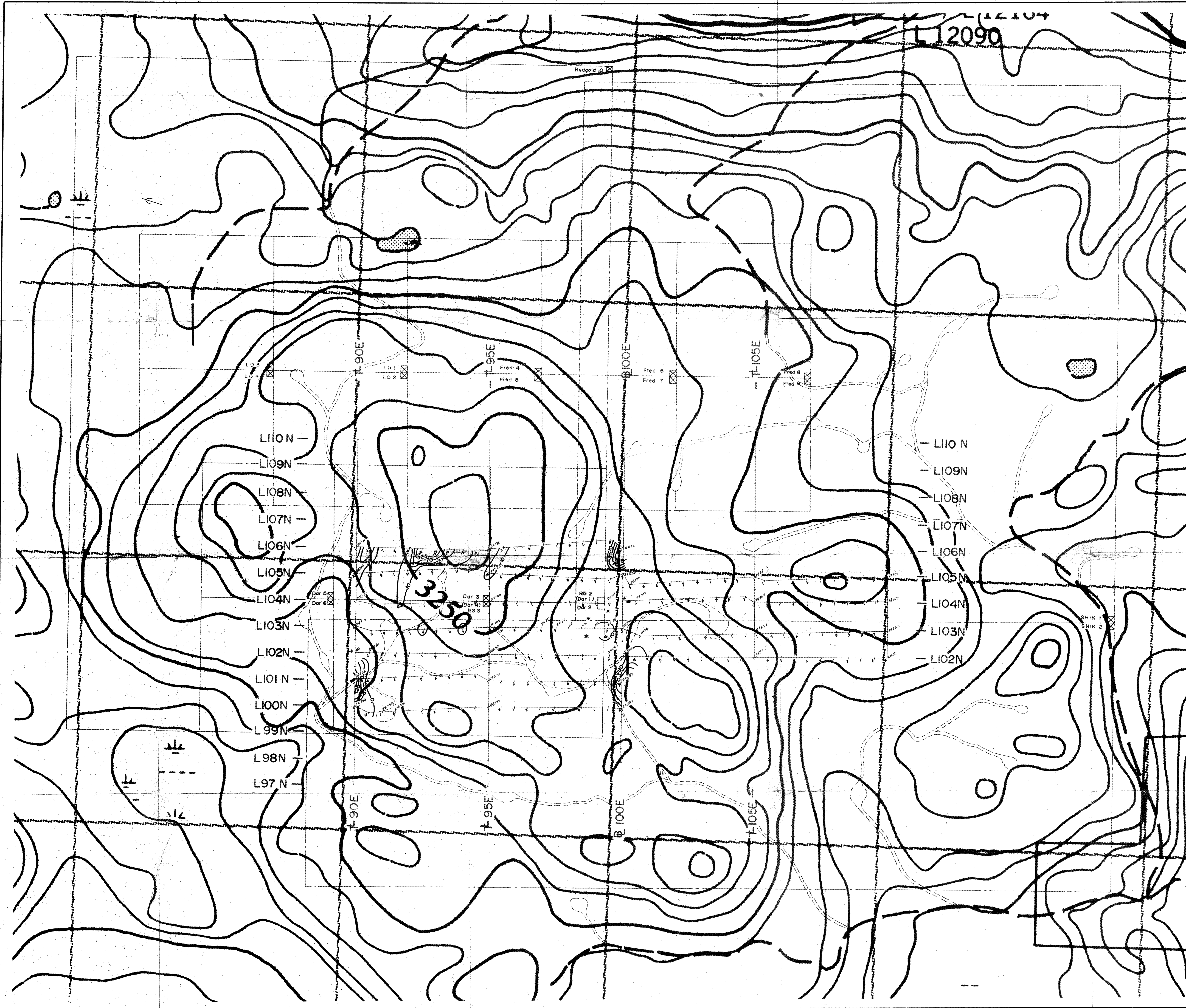
- LEGEND**
- %Cu
 - Sample Number
 - Claim Lines and Legal Corner Posts (Located, Approx.)
 - Road
 - Ice direction
 - CONTOURS**
 - 37
 - 70
 - 125
 - 225

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,803

100 0 100 200 300m
SCALE

PHELPS DODGE CORP of CANADA LIMITED				
PROJECT N° 142				
REDGOLD PROJECT				
SOIL GEOCHEMISTRY				
COPPER				
SCALE	DATE	FILE	NTS. N°	FIG. N°
1:5,000	21 NOV. 89	142-008 BY: RV/GR	93A/6	6



LEGEND

- Au (ppb)
 - 4 2431 Sample Number
 - 2
 - 1
- Claim lines and Legal Corner Posts (Located, approx.)
- Road
- Ice direction
- CONTOURS
 - 10
 - 50
 - 70
 - 125
 - 225

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,803

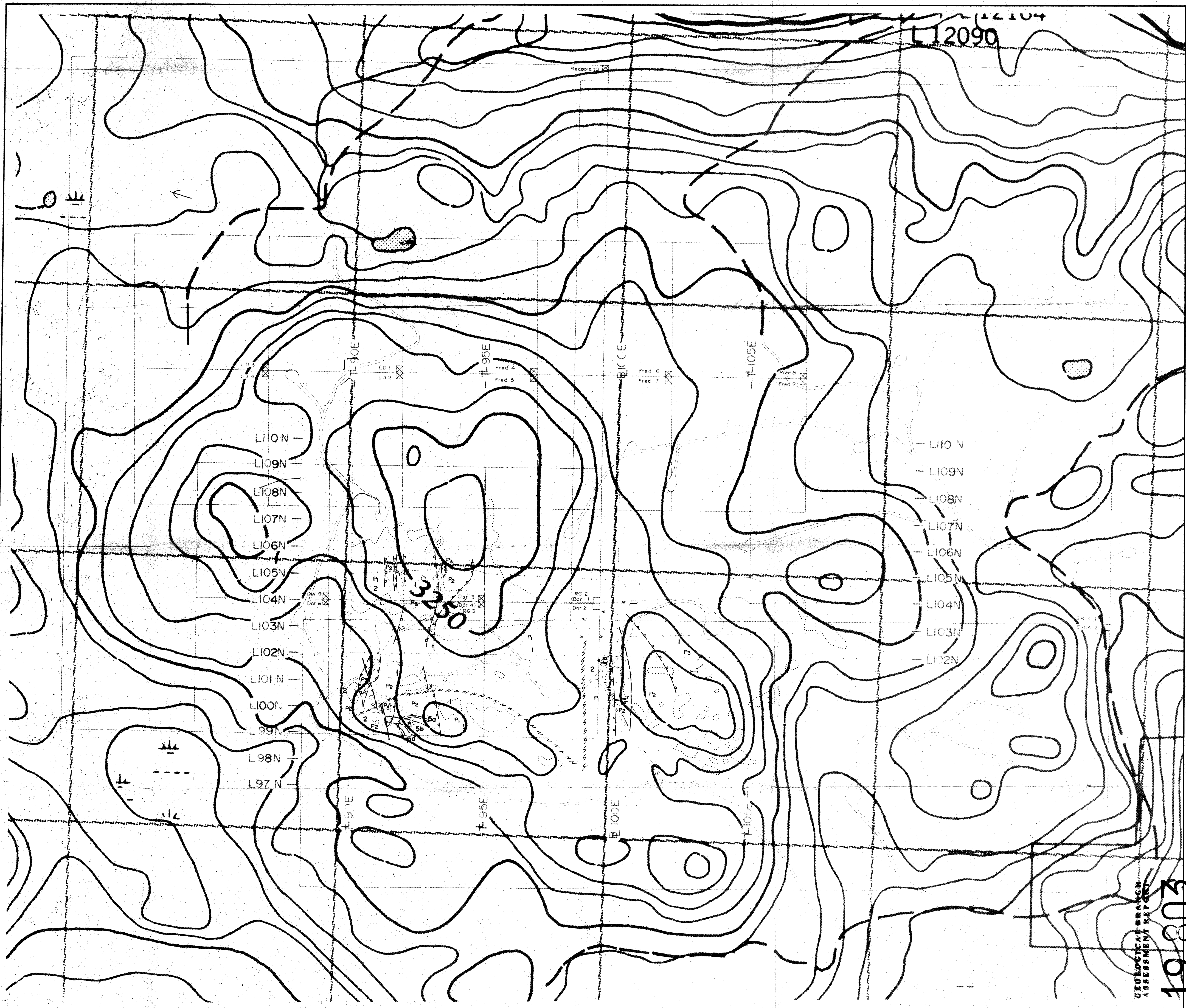
100 0 100 200 300m
SCALE

PHELPS DODGE CORP of CANADA LIMITED

PROJECT NO 142
REDGOLD PROJECT
SOIL GEOCHEMISTRY

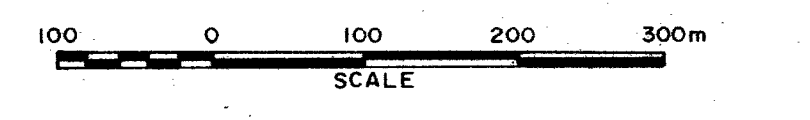
GOLD

SCALE	DATE	FILE	N.T.S. NO	FIG. NO.
1:5,000	21 NOV. 89	142-004	93A/6	7



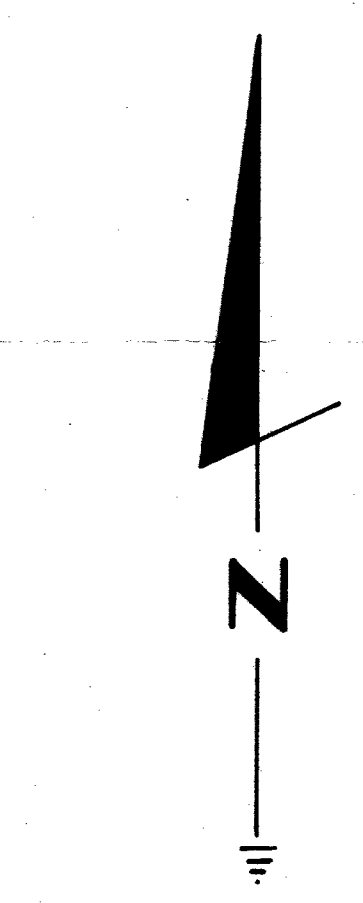
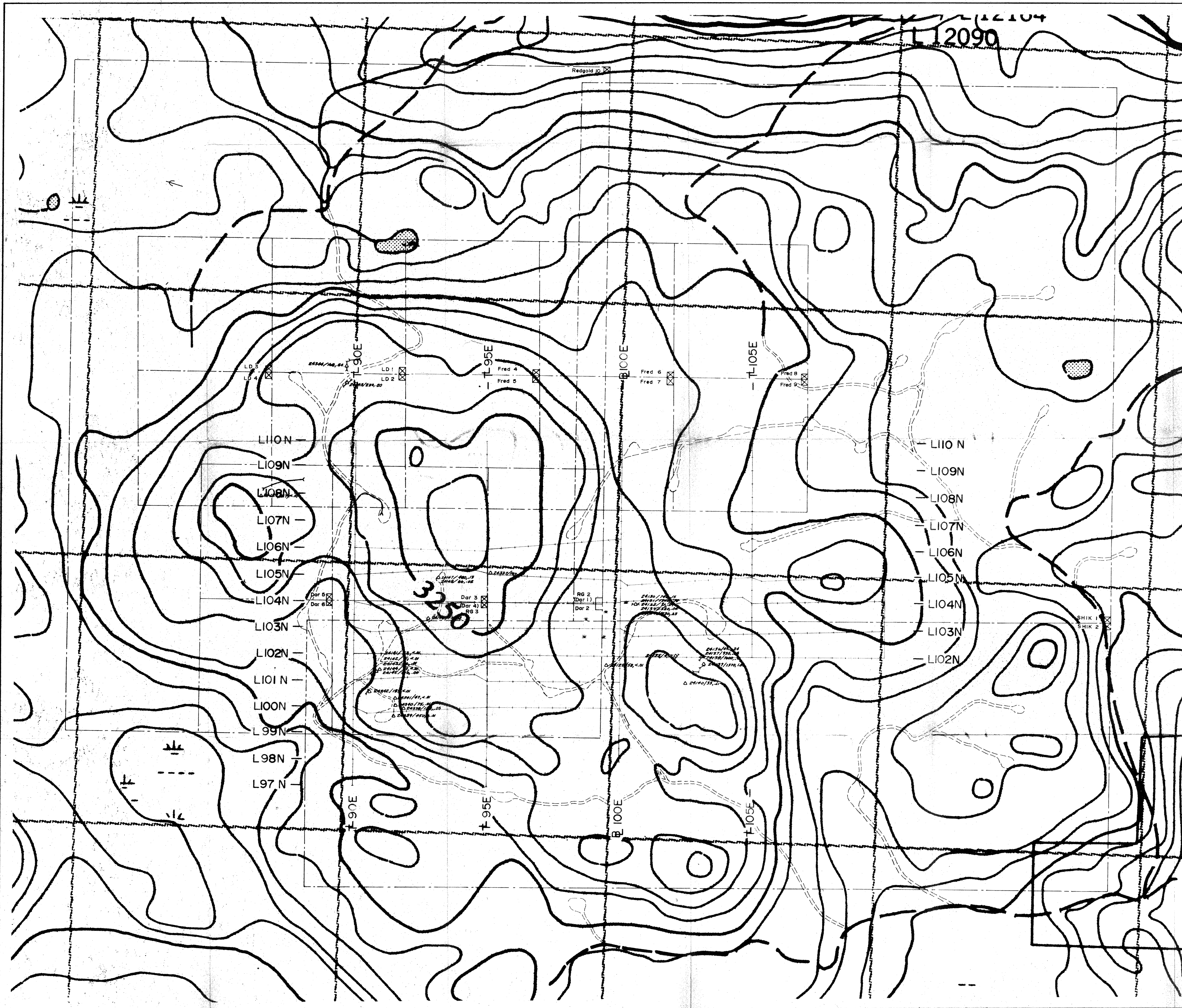
LEGEND

- ALTERATION**
- POTASSIC**
- K₁** PRIMARY
Pervasive, biotite rich
 - K₂** SECONDARY
Localized, biotite void
- PROPYLITIC**
- P₁** UNALTERED
Weak to moderate; 0-15% ep, ca, chl, py
 - P₂** PROPYLITIC-
Moderate to intense; 15-50% ep, ca, chl, py
 - P₃** PROPYLITE-
Intense; > 50% ep, ca, chl, py
- LITHOLOGY**
- JURASSIC:**
- 7** MAFIC DYKES -
Gabbro
 - 6** FELSIC DYKES -
al diorite, b) monzonite, c) syenite, d) hornblende porphyry
 - 5** SHIKO STOCK -
al gabbro, b) diorite, c) monzonite, d) syenite, e) hornblende porphyry
- TRIASSIC:**
- 4** MAROON BASALTS -
Maroon and/or diorite bearing flows and flow breccias
 - 3** SEDIMENTS -
Dark grey siltstone
 - 2** FELSIC BRECCIAS -
Massive, chaotic, felsic tuff breccias and proximal dioritic breccias
 - 1** AUGITE BASALTS -
a) basaltic wacks, b) calcareous flows and flow breccias, c) non-calcareous flows and flow breccias
- Geological Symbols:**
- Fault (defined, inclined, approx.)
 - Jointing (incl., vert.); Bedding (incl., vert.)
 - Claim line and legal Corner Post (Located, Approx.)
 - Road
 - Float
 - Greater than 20% outcrop, Trench, Outcrop, Ice direction, Grid station
 - Geological contact (defined, approx.)
 - Limit of alteration zone (defined, approx.) Teeth pointing towards increasing alteration
 - Thrust fault (defined, approx.)
 - Dyke (incl., vert., undet.)
 - Prospect



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PHELPS DODGE CORP of CANADA LIMITED				
PROJECT N ^o 163				
REDGOLD PROJECT				
GEOLOGY				
SCALE	DATE	FILE	N.T.S. N ^o	FIG. N ^o
1:5,000	15 DEC 89 JAN 90	163-008 BY: PKM RK	93A/6	3



- LEGEND**
- 024342/20.13 Rock sample Location (Au ppm, %Cu)
 - Trench
 - Grid Lines and Stations
 - Claim lines and Legal Corner posts (Located, Approx.)
 - Road
 - Ice direction

**GEOLOGICAL BRANCH
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100 0 100 200 300m
SCALE

PHELPS DODGE CORP OF CANADA LIMITED				
PROJECT NO: 163				
REDGOLD PROJECT ROCK GEOCHEMISTRY				
GOLD, COPPER				
SCALE	DATE	FILE	N.T.S. No.	FIG No.
1:5,000	21 NOV 88	163-003 RGR	93A/6	4