

A GEOCHEMICAL AND GEOLOGICAL REPORT
ON

ROUNDTOP MOUNTAIN PROJECT

BY: PAUL A. HAWKINS

FEBRUARY 26, 1982

SUNCOR REPORT - 9049

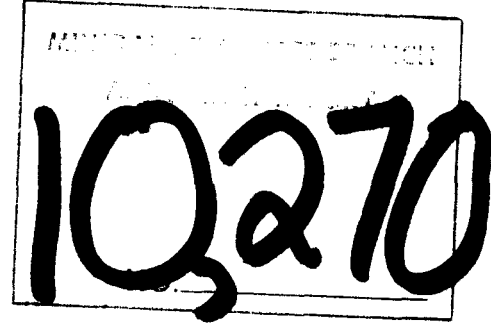
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SUNCOR inc.
Resources Group



A GEOCHEMICAL AND GEOLOGICAL REPORT
ON
ROUNDTOP MOUNTAIN PROJECT

CARIBOO LAKE AREA
MAY - SEPTEMBER 1981



This report covers the following minerals claims held by Suncor Inc.
as the Roundtop Group.

311	Fourth of July	575	International No. 7
312	International 3	575	International No. 1 Fraction
313	International 4	576	Surprise No. 6
314	International 1	576	Surprise No. 7
315	International 6	576	Sedan No. 4 Fraction
316	Dawn No. 2 Fraction	577	Surprise No. 4
317	Dawn Fraction	577	Surprise No. 1
318	Federal Fraction	578	Surprise No. 3
318	Federal No. 1	578	Surprise No. 2
319	International 2	579	Sedan No. 3
514	Peerless No. 3	579	Sedan No. 5
514	Hub Fraction	1479	International No. 8
514	Hub No. 2 Fraction	1480	International No. 5
514	Peerless No. 4 Fraction	3660	RT 1
570	Sedan 2	3661	RT 2
571	Peerless No. 2	3662	RT 3
572	Sedan No. 1	3663	RT 4
573	Peerless No. 1		

On N.T.S. Sheet 93A/14
Centered on 52°53'30" 121°19'00"
In The Cariboo Mining Division

By Paul A. Hawkins P.Eng.
Calgary, Alberta
February 26, 1982

SUNCOR REPORT 9049

PREFACE

This report covers the field work conducted by Suncor on the Roundtop Group of claims in the Cariboo Lake Area of the Cariboo Mining Division. This report presents the field work on the property and data analysis of results from the 1981 field season. For statistical purposes, additional data was sometimes used to determine statistical parameters and background levels for some elements. This additional data does not form part of the work submission.

P. Hawkins

April 12, 1982

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1.0 INTRODUCTION

The Roundtop Mountain area is located in South Central B.C. about 85 km from Quesnel. The claim block making up Suncor Inc. Roundtop Mountain property is located some 22 km southeast of the historic mining town of Barkerville. Work on this claim block was however carried out of a base camp located at Keithley Creek some 15 km to the southeast of Roundtop Mountain. Access to the property can be gained either by going north from Keithley Creek or south from Barkerville by forestry access roads. Poor road conditions require the use of four wheel drive trucks. Supplies and limited helicopter support was obtained out of Williams Lake, British Columbia.

The Roundtop Mountain property is one of three properties operated by Suncor in the Cariboo Lake area. The other properties are shown on Cariboo Gold Project, Property Locations, Map 82-044. The other two projects are covered under separate work submissions. Work was carried out on all three properties by the same crew and exploration costs were therefore grouped and then broken down between properties on a prorated per manday basis allocation system. Details of these calculations are provided in the Appendix.

The claims making up the Roundtop Mountain property are shown on Map 81-057E. All claims making up the property, were regrouped together to form the Roundtop Group on February 4, 1982.

1.1 PHYSIOGRAPHY

The property is located just south of Roundtop Mountain. The road from Keithley Creek to Barkerville crosses the western edge of the property. Several streams have their head waters located within the claim group. Topography in the area is moderately rugged.

The climate is humid continental with cool, short summers. Snow does not leave most peaks until late June. The area receives between 75-150 centimetres of precipitation of which the greater amount occurs as snow. Snowfalls in the past have varied greatly. During the spring of 1981 snow cover in the upper meadows near Roundtop remained until mid July. Most of the area is covered with dense coniferous forest. Most areas also have dense undergrowth. Old pre 1950's mine workings are largely overgrown.

Several adjacent areas are currently being logged, and the development of new access roads is a direct result of this activity. The tree line is usually about the 2000 metre elevation. The upper meadows between Yanks Peak and Roundtop are above tree line and quite sensitive to terrain disturbance.

The most recent glaciation in the pleistocene the ice sheet covered the area to about the highest peak. Ice movement was in several diverse directions and represents a complex glacial history. This complexity has prevented the location of the bedrock source for a few of the more important gold placer deposits in some creeks of the area.

1.2 PROPERTY HISTORY

Suncor Inc. acquired the property from Zelon Enterprises Ltd. under an option agreement in early 1981. The original block was made up of 924.59 acres of reverted crown grants. Later in 1981 four new claims were acquired from Zelon under the option agreement. These new claims bring the total area to 5249.19 acres. On February 4, 1982, all claims making up the property were regrouped as a whole to make the Roundtop Group. During the 1981 field, Suncor personnel carried a geochemical and geological program on the property.

The Cariboo District has hosted numerous placer and lode gold mining operations. The placer operations have varied greatly in size and type of operation. The Cariboo area has produced the most gold of any placer area in B.C. Several some scale operations are currently under way by individuals or small companies in the area.

In the area several small high grade underground mines have operated in the past. The closest to the property is the Cariboo Hudson Mine which is just north west of the property on Pearce Gulch. During 1937 - 1939 a total of 11,737 tons were mined at a grade of 0.44 oz/ton gold. Additional exploration was carried out between 1946 and 1978, however no new production has taken place.

In the area exploration has proceeded intermittently, as the price of gold varied. Some underground exploration was undertaken on the northside of Penny Creek, however work has ceased. The area as a whole has received a lot of exploration and will likely in the future continue to be explored for lode gold.

1.3 GENERAL 1981 PROGRAM

Suncor's 1981 Roundtop Mineral Exploration Program consisted of extensive geochemical sampling combined with a limited amount of geological mapping and prospecting.

One of the first objectives was to establish good primary location control for sampling. Initially all roads on the property were surveyed using pace and compass methods. Soil samples were also taken at this time. Other soil sampling traverses were also undertaken. Three creeks were also sediment sampled.

A limited amount of geological mapping was done, combined with some prospecting. A number of rocks were collected and sent for geochemical analysis. All samples were sent to Terra Min Research Lab. Ltd., for geochemical analysis.

A total of 412 geochemical samples were collected on the property made up of 41 rock samples, 90 stream sediments and 281 soil samples.

2.0 GENERAL GEOLOGY

The Cariboo Gold Properties of Suncor occur within the Lighting Creek Anticlinorium in the Cariboo Mountains of south central British Columbia. The Lighting Creek Anticlinorium is made up of a belt of Proterozoic to Cambrian Kaza and Cariboo group rocks which are overlain by a sequence of unmetamorphosed volcanic and sedimentary rocks of the Slide Mountain group. The belt tends NE-SW and is 25 km wide and 150 km long.

Lithologically the Kaza group rocks are schistose clastic sediments to a gritty feldspathic micaceous quartzite which have been regional metamorphosed into the green schist facies (Brown A.S., 1963). To the northeast, the Kaza group rocks are overlain by the Cariboo group rocks which consists of metasediments, principally phyllites, micaceous quartzites, marble and some limestones. The formations are intensively folded and locally on occasion highly altered due to hydrothermal activity.

To the north, the Cariboo group is overlain by the Slide Mountain Group which consists of unmetamorphosed rocks of Carboniferous age. No rocks of this group occur within the property area.

Intrusive rocks within the area appear to be rare. A medium diabase dike is reported near the heads of Simlock and Lostway Creeks (Holland, S.S., 1954). Diorite outcrops are also reported along with fine grained rhyolite porphyry and lamprophyre dikes in the area.

TABLE OF FORMATIONS

CARIBOO LAKE AREA

ERA	GROUP	FORMATION	LITHOLOGY	THICKNESS	
Mesozoic	?	Little River Stock	Porphyritic granodiorite to quartz monzonite	--	
		Slide Mountain Group	Antler Formation	Pillow basalt, breccia, chert argillite, diabase and gabbro sills	3600+
			Greenberry Formation	Limestone	
			Guyet Formation	Grey to brown conglomerate, limestone, basic volcanic rocks	1125-1500
		PROSERDINE DIKES	FELSITE DIKES		
PALEOZOIC	Cariboo Group	Dome Creek Formation	Shale, siltstone argillite?		
		Mural Formation	Limestone dolomite		
		Snowshoe Formation	Grey to brown micaceous quartzite phyllite, impure limestone	1000+	
		Midas Formation	Grey to black quartzite siltstone argillaceous schist and slate black fine grained quartzite, gritty to pebble conglomerate, rare limestone	1000+	
		Yanks Peak Formation	Grey to white, dense, fine grained silicified quartzite, gritty to pebble conglomerate, rare limestone	0-1200	
		Yankee Belle Formation	Light grey to brown phyllite with interbedded quartzite chlorite schist, metasiltstone	1000-1500	
		Cunningham Formation	Fine grained grey to black limestone	1500-3000	
PROTEROZOIC	Kaza Group	Issac Formation	Grey phyllite and calcareous phyllite and limestone	1000-2000	
		?	Gritty feldspathic micaceous quartzites and green schists	+12,000	
		?	Augen gneiss, gneissic granodiorite diorite		

2.1 PROPERTY GEOLOGY

The greater portion of the Suncor Roundtop Property has been mapped at a scale of near 1" = 1200' (Holland, S.S., 1954). The regional strike of the rocks in the area is about 330°. The area has a complex structural history and small areas are very intricately folded to the degree that several overturned folds are evident. The northern half of the property forms part of an anticline while further to the south the rocks form a syncline. Significant cross faulting has apparently taken place at trends of between 010° and 050°.

In the Peters Gulch and Pearce Gulch area, the quartzite and conglomerates of the Snowshoe formation form the Snowshoe syncline. Further to the northeast the black silty quartzites, argillaceous schists, and limestones of the Midas Formation outcrop. Near Roundtop Mountain, beds of quartzite belonging to the Yanks Peak Formation occur with minor amounts of the Yankee Belle Formation. The north of Roundtop Mountain, the Cunningham limestone occurs.

2.2. ECONOMIC GEOLOGY

The Yanks Peak-Roundtop Mountain area has cyclically attracted attention as a gold camp, with renewed interest every time the price of gold increased. The area has a recorded production of 5204 fine ounces of gold from lode producers, most of this was from the Cariboo Hudson Mine (Holland, S.S., 1954). In comparison between 1874 and 1950, 69,237 ounces of crude gold was recovered from the district's placer operations (Holland, S.S., 1954). Recent work has likely increased these totals.

It is therefore apparent that the placer productions has been much greater importance than the lode. The only major producer has been the Cariboo Hudson Mine and therefore there is a good likelihood of there being other gold deposits in the area which remain undetected.

Early lode work in the area was as a result of the discovery of placer gold near the mouth of Keithley Creek in 1860. This work centred around the Yanks Peak area. In 1922 the original claims which would make up the Cariboo Hudson Mine were located. The mine produced for a short while in the 1930's. Exploration has continued but no recent production has taken place.

Some small scale underground exploration was under taken recently in the Penny Creek area on an adjacent property, however, all work has apparently ceased. Small scale placer operations continue to survive from time to time but are usually small scale and some of them could be classed as family type operations. Further north towards Barkerville several larger operations have been active recently. Most creeks are still covered with placer leases.

2.3 GEOLOGICAL MAPPING PROSPECTING

A total of three mandays was spent mapping and prospecting, however no credit is requested for this work. Several trenches and waste piles were resampled. Several samples show good lead zinc mineralization and should assay well. More detailed work is required to remap showings and the property as a whole. Several samples were also taken for the sectioning and petrographic examination will be undertaken shortly.

3.0 GEOCHEMISTRY

As part of a regional assessment of the Roundtop property, a program of limited high density geochemical sampling was undertaken. Several mineral showings are known to occur on the property and their influence on the secondary geochemical environment was considered important to define for assessing the whole property.

Soil, stream sediment and some rock samples were taken over the greater part of the Roundtop Group. Most sampling of soils was conducted using existing bush roads and trails as control plus several other pace and compass run lines with samples every 25 to 50 metres apart.

Samples taken along with roads were actually taken just off the road in undisturbed area. The "B" soil horizon was taken at a shallow depth of 4-10 cm.

Stream sediment samples were taken on three creeks within the property at a density of every 25-50 metres along the stream course.

During the limited prospecting when outcrop was found it was sampled, the limited number of rock sampled reflects the small number of days spent prospecting.

3.1 SAMPLE AND DATA HANDLING

Soil and stream sediment samples were collected in 4" X 10" kraft waterproof paper sample bags and air dried before shipment. Rocks were collected in 8" X 12" plastic bags.

All samples from the Cariboo Gold projects were sent to Terra Min Research Labs Ltd., 14, 2235 - 30th Avenue N.E., Calgary, Alberta, for geochemical analysis. In the case of soil, samples were analysed for Cu, Pb, Zn, Ni, Cd, Mo, W As, Au, Ag, Fe%. Stream sediments were analysed for Cu, Pb, Zn, Ni, Cd, Mo, W As, Fe%, Au, Ag. Rocks were analysed for Cu, Pb, Au, Ag and in some cases Zn, Ni, Cd, Mo, Fe%, SiO₂, Al₂O₃, TiO₂, MnO₂, CaO, K₂O, Na₂O, Fe₂O₃.

3.1 SAMPLE AND DATA HANDLING (continued)

Field data was recorded on Suncor's field "Geochemical Sample Record" forms. Terra Min. Research Labs. reported their results on Suncor's "Geochemical Laboratory Report" forms. Both forms were then keypunched and the project data was processed using Suncor's inhouse computer software on a Univac Model 1100 computer. The summary statistics and data listing for each sample type is provided. A complete sample listing occurs in the Appendix.

All geochemical analysis was not completed until early March 1982; this resulted in a major delay in complete data evaluation.

3.2 ANALYTICAL METHODS

Soil and stream sediment samples were dried and then sieved to -80 mesh (-200 micron) and the oversize retained for possible further study. In the case of rock samples, the entire sample was crushed to approximately -1/8" size, and representative split was taken and pulverised to -200 mesh (-90 micron).

ANALYTICAL METHODS FOR BASE METALS

Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, Ag, Zn.

A portion of the prepared sample is digested in perchloric/nitric acid mixture.

Samples are analyzed by atomic absorption spectroscopy.

ANALYTICAL METHOD FOR ARSENIC

A portion of the prepared sample is digested in 6 N hydrochloric acid at 95° C. Arsenic is determined colorimetrically by generation of the hydride (arsine) and complexing with silver diethyldithiocarbamate.

ANALYTICAL METHOD FOR FLUORIDE

A portion of the prepared sample is fused with a flux, cooled and dissolved. The resulting solution is buffered, and fluoride is determined potentiometrically by means of a fluoride ion electrode.

SOIL pH METHOD

A 2:1 vol/vol slurry of water and soil is made. After 1/2 hour the pH is measured.

ANALYTICAL METHOD FOR GOLD AND SILVER

Approximately 1 assay tone of prepared sample is fused with a litharge/flux charge to obtain a lead button. The lead button is cupelled to obtain a prill. The prill is dissolved in nitric/hydrochloric acids (acqua regia), and the resulting solution is analyzed by atomic absorption spectroscopy.

ANALYTIC METHOD FOR MAJOR ELEMENTS

(SiO_2 , Al_2O_3 , CaO , MgO , Na_2O , K_2O , Fe_2O_3 , MnO , TiO_2)

A portion of the prepared sample is mixed with a flux and fused. The resulting melt is poured into an acid matrix and completely dissolved. The solution is analyzed by AA for the above, as elements, and calculated as oxides of these elements.

3.3 STREAM SEDIMENT GEOCHEMISTRY

In order to evaluate possible secondary dispersion around known showings in the Roundtop area, 90 stream sediment samples were collected on the property as part of a larger program in the area. For statistical purposes, the larger data set of 197 samples was used. Results for the other samples are not discussed.

Samples were taken from Pearce, Penny and Simlock Creeks. It was appreciated that both placer and lode mining activity may have altered the natural environment. Pearce and Penny have likely been affected due to mining activity at the Cariboo Hudson and by placer operations while upper reaches of Harvey Creek should be less severely affected with only limited mining activity in the drainage of Simlock Creek area.

Samples were collected every 25-50 metres along the stream's course, fine sediment was the preferred sample material. Location control was maintained by pace and compass methods. Samples were placed in Kraft water proof paper bags, and later air dried at Keithley Creek before shipment to the lab.

COPPER

The background levels for copper vary between 20 to 70 ppm. Copper no significant copper anomalies are evident and the upper end of the background range is only reached by a few samples.

LEAD

Near the Cariboo Hudson Mine peaks of up to 100 ppm lead occurs above a normal background of 5 to 10 ppm lead. No significant other anomalies are evident.

ZINC

Zinc was the first element to show different background levels between streams. In Simlock Creek background ranges from 80 to 120 ppm Zinc, while in Penny and Pearce the range is between 100-250 ppm Zinc. This difference may be explained by underlying rock and existence of Zinc mineralization with their drainage.

Simlock Creek is underlain by the Snowshoe Formation while Penny and Pearce Creeks are underlain partly by the Midas Formation. The Midas varies from a black silty quartzite to an argillaceous schist to a limestone. On Penny and Pearce anomalies in the 300-340 ppm range occur, while in Simlock, the highest is 140 ppm.

NICKEL

Simlock Creek again shows lower background levels of between 25 to 40 ppm nickel versus 30-60 for Penny and Pearce. Some anomalies of 100 ppm are present.

CADMIUM

The background range for cadmium is between 0 to 7 ppm. Values are slightly higher in Penny Creek.

IRON

Total iron in stream sediments ranges from 3-6%, no good relationship to underlying bedrock is seen. Iron appears to be normally distributed while other elements are log-normally distributed.

GOLD

The background range for gold appears to be between 0 and 20 ppb. Several possible anomalies on Simlock Creek exist in the range of 20 to 36 ppb. These are isolated single or double sample anomalies. On Penny Creek two possible anomalies of 24 and 26 ppb. exist as single sample anomalies. On Pearce Creek two good wide probable anomalies exist with high results in a cluster.

One anomaly occurs near the Cariboo Hudson Mine site and reaches a maximum of 34 ppb Gold. This is likely due to the mine operations. Further upstream several samples reach levels up to 54 ppb. Gold near the Hub area. These may be anomalies which are not that far from source. Further follow-up is required.

The arithmetic mean for the population is 9.02 ppb., while the geometric mean is 6.31. The population is not clearly log-normally distributed and may be complexed by more than one population.

SILVER

Silver values do not apparently closely follow the gold values in the stream sediments. In some cases silver anomalies are displaced downstream from gold peaks. On Pearce Creek however there is relatively good correspondence to gold with values up to 440 ppb. silver. Background values range from 10 to about 160 ppb. Silver for the area creeks. The arithmetic mean is 114 while the geometric mean is 75.9 ppb. silver.

SILVER (continued)

Two anomalies are apparent on Pearce Creek. An anomaly of 400 ppb. occurs near the Cariboo Hudson Mine site and another occurs upstream near the Hub area. Both locations also have Gold anomalies. On Penny Creek three anomalies occur with values in each of them up to 1350, 650, and 400 ppb. Silver.

On Simlock Creek one value of 550 ppb. Silver occurs just at the survey limit with no gold association.

ARSENIC

Background ranges for Simlock Creek are between 5 and 15 ppm. while in Penny Creek they range between 5 and 50 ppb. with several anomalous samples up to 100 ppm. on Penny Creek. Arsenic appears to be log-normally distributed with a geometric mean of 14.9 ppm.

TUNGSTEN

Most values on Simlock Creek are or near zero. Background levels are slightly higher on Penny Creek with high values up to 10 ppm. All samples within the property appear to be within the background levels for the area.

pH

The pH for the stream sediment samples range from 5.39 to 7.86. This range could be related to bedrock type or surface environment.

ROUNDTOP MOUNTAIN, CARIBOO LAKE AREA B. C.

STREAM SEDIMENT GEOCHEMISTRY

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
TOTAL	CU AA	PPM	195	35.3	10.4	29.3	1.76	5.92	33.9 36.8	34.1	1.5322	.1163	32.8 35.4
TOTAL	PB AA	PPM	195	26.7	29.3	109.8	6.10	48.52	22.6 30.8	21.2	1.3262	.2602	19.5 23.1
TOTAL	ZN AA	PPM	195	148.	54.1	36.5	.58	.30	140. 156.	138.	2.1388	.1758	130. 146.
TOTAL	NI AA	PPM	195	51.1	18.2	35.7	1.07	1.16	48.5 53.7	48.2	1.6831	.1472	46.0 50.6
TOTAL	CD AA	PPM	106	.474	.342	72.2	1.31	1.56	.408 .539	.367	-.4349	.3210	.319 .424
TOTAL	MO AA	PPM	192	3.97	2.24	56.4	1.30	3.48	3.65 4.29	3.38	.5294	.2564	3.11 3.68
TOTAL	FE AA	PPM	195	4.53	.801	17.7	.47	.91	4.41 4.64	4.46	.6490	.0776	4.35 4.57
TOTAL	AU AA	PPB	132	9.02	8.66	96.0	2.36	6.92	7.52 10.5	6.31	.8000	.3658	5.46 7.29
TOTAL	AG AA	PPB	191	114.	136.	120.2	4.85	35.61	94.0 133.	75.9	1.8801	.3819	66.9 86.0
TOTAL	AS AA	PPM	192	22.8	21.7	95.2	1.58	1.93	19.7 25.9	14.9	1.1745	.4143	13.0 17.1
TOTAL	M AA	PPM	124	6.02	11.4	188.9	4.27	20.07	4.00 8.04	3.04	.4828	.4320	2.55 3.63
TOTAL	PH AA	PPM	194	7.11	.589	8.3	-1.08	.52	7.02 7.19	7.08	.8500	.0380	6.99 7.17

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE							MAX VALUE	
					25TH	50TH	75TH	80TH	90TH	95TH	98TH		99TH
TOTAL	CU AA	PPM	195	14.000	29.000	33.000	40.000	42.000	49.000	52.000	70.000	76.000	93.000
TOTAL	PB AA	PPM	195	4.000	15.000	20.000	28.000	32.000	40.000	65.000	118.000	176.000	310.000
TOTAL	ZN AA	PPM	195	11.000	104.000	145.000	189.000	198.000	220.000	240.000	280.000	310.000	340.000
TOTAL	NI AA	PPM	195	24.000	38.000	48.000	60.000	64.000	80.000	86.000	98.000	114.000	120.000
TOTAL	CD AA	PPM	106	.100	.200	.400	.600	.700	1.000	1.200	1.400	1.800	1.800
TOTAL	MO AA	PPM	192	1.000	2.000	4.000	5.000	6.000	7.000	8.000	10.000	10.000	16.000
TOTAL	FE AA	PPM	195	2.030	4.040	4.500	5.000	5.100	5.600	5.940	6.700	6.800	7.300
TOTAL	AU AA	PPB	132	2.000	4.000	6.000	12.000	12.000	20.000	26.000	38.000	54.000	54.000
TOTAL	AG AA	PPB	191	10.000	50.000	70.000	130.000	160.000	260.000	350.000	470.000	650.000	1350.000
TOTAL	AS AA	PPM	192	1.000	9.000	15.000	31.000	39.000	58.000	75.000	85.000	100.000	103.000
TOTAL	M AA	PPM	124	1.000	2.000	2.000	5.000	6.000	10.000	32.000	68.000	78.000	78.000
TOTAL	PH AA	PPM	194	5.390	6.820	7.280	7.580	7.600	7.690	7.780	7.820	7.850	7.860

3.3 SOIL GEOCHEMISTRY

Soil samples were collected every 25 metres along roads and trails as a basis for obtaining quick property coverage. A total of 281 soil samples were collected. The "B" horizon was taken where available at a depth of 4-10 cm.

COPPER

The normal background range for copper varies from 5 ppm. to 75 ppm. for the Roundtop Mountain Area. A maximum value of 119 occurs on Surprise #3 (578) however, other samples fall within the normal background range. The population is log-normally distributed with a geometric mean of 22.3 ppm. Cu.

There are no exceptionally high values, especially at the Cariboo Hudson Mine site as might have been expected.

LEAD

The normal background range of lead for soils from the Roundtop Mountain Area is between 5 and 85 ppm. A maximum value of 1510 ppm. is reached in the Hub area where several other highs cluster around it. This may be related to the gold and silver anomalies which also occur in the same general area. Several other anomalies occur, however, they are single sample results and are located in Peerless #3 (571) and in RT #2 (3660) claims. Other highs also occur near the Cariboo Hudson Mine area.

ZINC

The normal background range for zinc in soils for the Roundtop Area is between 5 and 180 ppm. Zinc appears to be normally distributed and a second population may exist between 180-400 ppm. which looks to be log-normal. Two good anomalous areas exist on the property. On Peerless #3 (571), values reach 1390 ppm. with four other anomalous samples as backup nearby. In the Hub area, values reach up to 340 ppm. on several samples. Several other erratic highs occur near the Cariboo Hudson Mine site.

NICKEL

Background levels range from 5 to about 100 ppm. Nickel. The population appears to be log-normally distributed with a geometric mean of 25.68 ppm. Nickel. The maximum value in the area is 480 ppm. Two apparent anomalous samples occur on Peerless #2 (571) with values of 175 and 188 ppm. Single anomalies occur on claim RT #2 and RT #4 with several other single point anomalies elsewhere. No correlations with a rock type is apparent.

CADIUM

Cadium appears to be log-normally distributed with a geometric mean of 0.40 and a normal background range of 0 to 0.5 ppm. Several high values occur up to a maximum of 10.3 ppm. which occurs on Peerless #3 (571). Another high of 4.1 occurs in the S.W. corner of RT #2 (3660) with a second high of 3.8 just east of it. Several high values occur near the Bralco cabin in the Hub area.

MOLYBDENUM

The background range for Molybdenum ranges from 0 up to 5 ppm., and the population appears to be log-normally distributed with a geometric mean of 2.01 ppm. Four anomalies occur on the property, with the highest value of 26 occurring near the Hub fraction with several other anomalous samples adjacent to it. Further to the north another area is Surprise #4 (577) where one anomalous value of 12 ppm. occurs. On Peerless #2 (571) a 9 ppm. anomaly occurs with several backup 4 ppm. values. In the S.W. corner of RT #2 a 16 ppm. anomaly occurs with several backup samples.

IRON

The iron in soil samples ranges from a minimum of 0.34% Iron to a maximum of 18.60%. The normal background range would appear to be within 0.50% and 9.50% Iron. The arithmetic mean is 3.83% and the population appears to be a normal distribution. There does not appear to be any relationship between iron and the underlying bedrock.

GOLD

Gold appears to be log-normally distributed with a background range between 0 and 40 ppb. The maximum value seen in the area was 408 ppb. near the Cariboo Hudson Mine site. Two areas of anomalous values occur near the Hub area and in Sedan #1 (572) where one samples reaches 352 ppb. Several other possible anomalous samples exist in Peerless #3 (571) and RT #2 (3660).

SILVER

Silver in soil samples appears to be log-normally distributed with a normal background range of 50 to 800 ppb. Near the Hub area it reaches a maximum of 12250 ppb. with several values in the 1000's in the near area. High values also occur in Peerless #3 (571) and Sedan #1 (572) and RT #2 (3660) and near the Cariboo Hudson Mine site.

ARSENIC

The background range for arsenic ranges from about 1 ppm. to 40 ppm. One single sample anomaly of 118 ppm. occurs in the N.W. corner of RT #4 (3663). In the Hub area several high background samples occur. Several highs also occur in the Cariboo Hudson Mine area.

TUNGSTEN

The background range for Tungsten is between 0 and 12 ppm. The highest value on the property is 10 ppm., however, two highs of 36 and 39 are found near the Cariboo Hudson Mine. The population is log-normally distributed and there may be a second population above 12 ppm. which may be related to mineralization, however this is not a clear relationship.

pH

The pH of the soils of the Roundtop Area varies from 2.90 to 7.04. Most soils are however within the 2.90-4.84 range, with a second possible group ranging from 4.84 to 5.84. This variation is likely due to soil type.

ROUNDTOP MOUNTAIN, SOIL GEOCHEMISTRY

RUN A

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN
TOTAL	CU AA	PPM	492	28.6	23.9	83.5	3.78	26.36	26.5 30.7	22.3	1.3479	.3070	20.9 23.7
TOTAL	PR AA	PPM	492	39.7	80.1	201.9	13.33	231.33	32.6 46.8	25.3	1.4037	.3614	23.5 27.3
TOTAL	ZN AA	PPM	491	117.	143.	122.2	5.16	36.37	104. 130.	80.5	1.9059	.3663	74.7 86.8
TOTAL	NI AA	PPM	491	35.2	36.6	104.0	5.24	48.48	31.9 38.4	25.7	1.4096	.3378	24.0 27.5
TOTAL	CD AA	PPM	210	.799	1.31	164.3	4.34	24.70	.620 .977	.398	-.3998	.4789	.343 .463
TOTAL	MO AA	PPM	198	3.02	3.53	117.2	3.04	12.01	2.52 3.51	2.01	.3036	.3559	1.79 2.26
TOTAL	FE AA	PPM	491	3.83	1.96	51.2	1.63	8.17	3.66 4.01	3.34	.5242	.2416	3.18 3.51
TOTAL	AU AA	PPB	265	31.7	65.5	207.0	6.35	52.60	23.7 39.6	13.7	1.1382	.5313	11.9 15.9
TOTAL	AG AA	PPB	474	463.	711.	153.5	10.51	160.14	399. 527.	312.	2.4935	.3618	289. 336.
TOTAL	AS AA	PPM	489	28.7	92.3	321.0	9.49	100.49	20.5 36.9	12.8	1.1087	.4294	11.8 14.0
TOTAL	W AA	PPM	384	3.94	6.68	169.7	8.88	107.34	3.27 4.61	2.67	.4263	.3227	2.48 2.88
TOTAL	PH AA	PPM	465	4.13	.758	18.4	1.00	.99	4.06 4.20	4.06	.6090	.0758	4.00 4.13

SUBSET	VARIABLE	UNITS	N	MIN VALUE	PERCENTILE									MAX VALUE
					25TH	50TH	75TH	80TH	90TH	95TH	98TH	99TH		
TOTAL	CU AA	PPM	492	2.000	14.000	23.000	37.000	39.000	53.000	65.000	93.000	121.000	270.000	
TOTAL	PB AA	PPM	492	2.000	15.000	23.000	42.000	49.000	76.000	107.000	193.000	300.000	1510.000	
TOTAL	ZN AA	PPM	491	3.000	51.000	79.000	127.000	155.000	230.000	310.000	490.000	810.000	1390.000	
TOTAL	NI AA	PPM	491	2.000	16.000	25.000	41.000	50.000	72.000	88.000	132.000	179.000	480.000	
TOTAL	CD AA	PPM	210	.100	.200	.300	.900	1.000	2.000	3.000	5.100	10.100	10.300	
TOTAL	MO AA	PPM	198	1.000	1.000	2.000	3.000	4.000	7.000	11.000	14.000	20.000	26.000	
TOTAL	FE AA	PPM	491	.340	2.520	3.620	5.100	5.400	6.200	7.000	7.900	9.100	18.600	
TOTAL	AU AA	PPB	265	2.000	6.000	12.000	32.000	40.000	68.000	112.000	256.000	368.000	718.000	
TOTAL	AG AA	PPB	474	30.000	200.000	300.000	510.000	600.000	960.000	1410.000	1950.000	2680.000	12250.000	
TOTAL	AS AA	PPM	489	1.000	7.000	11.000	21.000	26.000	42.000	92.000	215.000	310.000	1125.000	
TOTAL	W AA	PPM	384	1.000	2.000	2.000	4.000	5.000	9.000	11.000	20.000	37.000	98.000	
TOTAL	PH AA	PPM	465	2.910	3.610	3.960	4.510	4.710	5.200	5.610	6.320	6.580	7.000	

3.4 ROCK GEOCHEMISTRY

A total of 41 rock samples were collected on the property. The high values are from known showings and old mine dumps. Silver appears too in some samples to follow lead, however, this relationship is not true in all cases. Data is evaluated only for Cu Pb, Au and Ag, although data for other elements are listed. This other data was not included in the work credit requested and is therefore not discussed.

COPPER

Copper in rock samples in the Roundtop Mountain Area varied from 3 ppm. to 1550 ppm. Several highs occurred in the Penny Creek Area. Most samples were however under 50 ppm.

LEAD

Lead in rock samples varies from 1 ppm. to 1.39% Pb. The arithmetic mean is 579 ppm. which the geometric mean is 35.6. Normal background ranges from 1 ppm. to about 75 ppm. Pb.

Several samples in Surprise #2 (578) run between 690 and 6100 ppm. In the Cariboo Hudson Mine Area, values reach up to 7300 ppm. On the Fourth of July claim (311), one sample obtained from a waste dump reaches 1630 ppm Pb.

GOLD

Gold ranges from 2 ppb. up to 25,200 ppb. in samples taken in the Roundtop Mountain Area. The dumps from the Cariboo Hudson Gold Mine on Fourth of July (311) yielded values of 11,840 ppb. Au. Values in the Cariboo Hudson Mine area itself ranged up to 1390 ppb. Good gold values also occurred in the Penny Creek area from samples taken along the creek. The limited outcrop limited the assessment of the gold content of the rocks of the area.

SILVER

Values up to 30,000 ppb. silver were recorded on the property. The normal background range was from 5 ppb up to 500 ppb. On the Fourth of July claim (311) silver reached up to 16,000 ppb. In the Surprise #2 claim silver up to 30,000 ppb. occurred with high lead values. Good silver values of 1340 ppb. also occurred in the Cariboo Hudson Mine area.

FOUNDTOP MOUNTAIN, CAROBOO LAKE AREA, P.C.

ROCK GEOCHEMISTRY

SUMMARY STATISTICS

SUBSET	VARIABLE	UNITS	N	ARITH MEAN	STD DEV	CV %	SKEW	EXCESS KURT	95% LIMITS ON MEAN	GEOM MEAN	LOG 10 MEAN	STD DEV	95% LIMITS ON MEAN		
TOTAL	CU AA	PPM	95	72.0	205.	284.2	5.21	30.17	30.3	114.	21.7	1.3364	.5599	16.7	28.2
TOTAL	PB AA	PPM	86	580.	.188*004	324.6	5.18	30.08	176.	983.	35.6	1.5519	.9798	22.0	57.8
TOTAL	ZN AA	PPM	43	403.	863.	214.3	3.48	13.12	137.	668.	121.	2.0835	.6145	78.4	187.
TOTAL	NI AA	PPM	42	57.6	54.1	93.8	1.41	.76	40.8	74.5	39.6	1.5977	.3760	30.2	51.9
TOTAL	MO AA	PPM	37	11.8	47.3	402.4	5.72	31.15	-4.01	27.5	3.13	.4952	.4635	2.19	4.46
TOTAL	FE AA	PPM	43	4.36	2.68	61.5	1.18	1.55	3.53	5.18	3.57	.5522	.2976	2.89	4.40
TOTAL	AU AA	PPB	63	797.	.360*004	451.5	5.66	33.39	-109.	.170*004	16.5	1.2180	.9652	9.44	28.9
TOTAL	AG AA	PPB	92	.457*004	.155*005	339.4	4.53	21.29	.136*004	.778*004	172.	2.2366	1.0269	106.	281.

SUBSET	VARIABLE	UNITS	N	MIN VALUE	----- PERCENTILE -----							MAX VALUE	
					25TH	50TH	75TH	80TH	90TH	95TH	98TH		99TH
TOTAL	CU AA	PPM	95	3.000	8.000	21.000	40.000	47.000	117.000	430.000	800.000	1550.000	1550.000
TOTAL	PB AA	PPM	86	1.000	7.000	20.000	88.000	320.000	1600.000	4900.000	7300.000	13900.000	13900.000
TOTAL	ZN AA	PPM	43	8.000	60.000	96.000	170.000	340.000	1600.000	2400.000	4700.000	4700.000	4700.000
TOTAL	NI AA	PPM	42	7.000	23.000	35.000	72.000	121.000	158.000	181.000	210.000	210.000	210.000
TOTAL	MO AA	PPM	37	1.000	2.000	2.000	4.000	4.000	13.000	30.000	290.000	290.000	290.000
TOTAL	FE AA	PPM	43	.520	2.440	4.180	5.300	5.600	7.800	11.900	12.000	12.000	12.000
TOTAL	AU AA	PPB	63	2.000	4.000	10.000	34.000	48.000	974.000	7860.000	25200.000	25200.000	25200.000
TOTAL	AG AA	PPB	92	10.000	30.000	90.000	860.000	1340.000	7800.000	30000.000	79000.000	99999.000	99999.000

4.0 CONCLUSION

The stream sediment sampling has confirmed the presence of anomalous levels of trace elements in the three stream courses sampled. These anomalies were not extensive in length which is disappointing from an exploration point of view since higher density sampling would be required to detect such narrow anomalies.

Stream sediment sampling yielded gold anomalies which in the case of the Hub area would have helped locate the area as an area requiring follow-up if it was not a previous known area of mineralization.

Soil samples show several areas of multi-element anomalous levels. These areas require detailed mapping to assess if previous workings or mine dumps have affected or caused the anomalies. The major trace element association which is apparent is the array of Au-Ag-As-Pb and to a lesser extent Cd-Mo-Zn. The Hub area, Peerless #2 (571), Surprise #4 (577), Surprise #3 (578) and RT #2 (3661) require follow-up to define the anomalies present.

Rock geochemistry has confirmed the presence of gold and silver mineralization however, further work is required to define the extent and type of occurrences beyond what is presently known.

Further, more detailed explorations is definitely required in areas of anomalous geochemical values.

4.1 RECOMMENDED 1982 PROGRAM

The 1982 program should consist of follow-up geochemistry, with extensive rock sampling and detailed structural mapping. A limited program of geophysical surveys should be undertaken to assess how much structural information could be gained from such surveys as VLF-EM and magnetometer.

REFERENCES

1. Brown, A.S. 1957
Geology Of The Antler Creek Area
Cariboo District B.C.
B.C. Dept. of Mines
Bulletin #38
2. Brown, A.S. 1963
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B.C. Dept. of Mines
Bulletin #47
3. Campbell, R.B., Mountjoy, E.W., Young F.G.
1973 Geology Of McBride - Area
British Columbia GSC Paper
72-35
4. Holland, S.S. 1954
Yanks Peak - Roundtop Mountain Area British Columbia
B. C. Dept. of Mines
Bulletin #34.
5. Tipper, H. W., Campbell, R.B.
Taylor, G.C. and Stott, D.F.
Parsnip River Sheet 93
1:1000 000 Geological Atlas
GSC Map 1424A

APPENDIXES

- 1) Author's Qualifications and Other Personnel
- 2) Prorated Salary Calculation
- 3) Roundtop Manday Break Down
- 4) Cariboo Lake Interproject Break Down
- 5) Roundtop Mountain Property Expenditures
- 6) Roundtop Mountain Unit Cost Calculation
- 7) Roundtop Group - Notice to Group
- 8) Statement of Exploration and Development Roundtop Group
- 9) Claim Listing
- 10) Report Maps
- 11) Geochemical Data

Author's Qualifications

Paul Alan Hawkins P. Eng. B.Sc. (Eng)
2105, 920 - 9th Avenue S.W.
CALGARY, Alberta
T2P 2T9

Registered Professional Engineer, Province of Alberta

B.Sc (Eng) Queen's University 1977
Geological Engineering (Mineral Resources)

Work History

May 1981 - Present	Suncor Inc.	Project Geologist
May 1978 - March 1981	Pan Ocean Oil Ltd.	Project Geologist
Feb. 1978 - April 1978	Gulf Minerals	Drill Geologist
May 1977 - Jan. 1978	Asamera Oil	Junior Geologist
July 1976 - Dec. 1976	Urangessellschaft	Senior Assistant
May 1976 - July 1976	Hollinger Mines	Drill Geologist
May 1975 - Sept. 1975	HBOG Mining	Field Assistant
May 1974 - Sept. 1974	Duval Corp.	Field Assistant

OTHER PERSONNEL

Linda K. Bertrand
Third Year Geology Student
University of Ottawa

Kim Russell
First Year Geological Technician
Sir Sandford Fleming College

Lloyd Kuzmyn
Third Year Geology Student
University of Calgary

Steve Brierly
Second Year Geology Student
University of Waterloo

David Safton
First Year Geology Student
University of Calgary

PRORATED SALARY CALCULATION

ROUNDTOP MOUNTAIN

		<u>Daily Rate</u>		<u>Mandays</u>	
Steve Brierly	Field Assistant	53.09	X	34	1805.06
Paul Hawkins	Project Geologist	158.71	X	0	0
Lloyd Kuzmyn	Field Geologist	71.89	X	34	2444.26
David Safton	Field Assistant	61.96	X	<u>34</u>	<u>2106.64</u>
				102	6355.96

Prorated per Monday = \$62.31

ROUND TOP MOUNTAIN

MAN DAY BREAK DOWN

051 Round Top	SB	PH	LK	DS	TOTAL
Mob-Demob	2		2	2	6
Camp Support					
Office Compilation	10		10	10	30
Field Time					
Geochem	21		21	21	63
Geology	1		1	1	3
TOTAL	34	0	34	34	102

CARIBOO LAKE PROPERTIES
INTERPROJECT MANDAY BREAKDOWN

Project Code	Name	Field Support	Field Time			Total Project	% Field Day per Project
			Geological	Geochem	Total Field		
050	Yank's Peak	25	26	33	59	84	37.1%
051	Round Top	36	3	63	66	102	41.5%
053	Cariboo Mtn.	16	15	19	34	50	21.4%
		—	—	—	—	—	—
		77	44	115	159	236	100.0%

ROUND TOP MOUNTAIN
PROPERTY EXPENDITURES

Field Support Cost (FSC)

All Cariboo Project	\$ 45,892.79	
% breakdown this project	<u>41.5%</u>	

19,045.50

19,045.50

Salaries for Support days

36 days x 62.31

2,243.16

2,243.16

Salaries for Field days

66 x 62.31

4,112.46

4,221.46

TOTAL PROPERTY FIELD EXPENSES

\$ 25,401.12

Office Overhead + 10%

2,540.11

\$ 27,941.23

Report Preparation

Salaries 30 days @ 158.71 = \$4,761.30

Drafting and Reproduction = \$2,000.00

\$6,761.30

6,761.30

TOTAL

\$ 34,702.53

ROUND TOP MOUNTAIN

UNIT COST CALCULATION

Cost breakdown for Geochemistry Program:

Total Program for Property		\$ 34,702.53
95.5% for Geochemistry		33,140.91
Total number of samples	831	
Unit Sampling Cost	\$39.88	

Cost Breakdown for Geological Program:

Total Program for Property		\$ 34,702.53
4.5% for Geological		1,561.61
Total number of Mandays	3	
Prorated per manday cost	520.53	

DEPARTMENT OF MINES AND PETROLEUM RESOURCES



MINERAL ACT

FORM I

NOTICE TO GROUP

Sub Recorder
RECEIVED

1982

M.R. # 198504 ES 5⁰⁰
VICTORIA, B.C.

Mining Division CARIBOO

Location Roundtop Mountain

Name of group ROUNDTOP GROUP

Map No. 93A 14W

We, the undersigned owners* of the following adjoining mineral claims, desire to group them according to the provisions of the *Mineral Act*:-

NAME OF CLAIM	No. of Units	Record No. or Lot No.	Month of Record	SIGNATURE OF OWNER*	Free Miner's Certificate No.
Fourth of July	1	311	02	Suncor Inc [Signature]	244770
International 3	1	312	02	"	"
International 4	1	313	02	"	"
International 1	1	314	02	"	"
International 6	1	315	02	"	"
Dawn #2 Fraction	1	316	02	"	"
Dawn Fraction	1	317	02	"	"
Federal Fraction	1	318	02	"	"
Federal #1					
International 2	1	319	02	"	"
Peerless #3	1	514	10	"	"
Hub Fraction					
Hub #2 Fraction					
Peerless #4 Fraction					
Sedan 2	1	570	02	"	"
Peerless #2	1	571	02	"	"
Sedan #1	1	572	02	"	"
Peerless #1	1	573	02	"	"
International 7	1	575	02	"	"
International 1 Fraction					
Surprise 6	1	576	02	"	"
Surprise 7					
Sedan 4 Fraction					
Surprise 4	1	577	02	"	"
Surprise 1					
Surprise 3	1	578	02	"	"
Surprise 2					
Sedan 3	1	579	02	"	"
Sedan 5					
International 8	1	1479	03	"	"
International 5	1	1480	03	"	"
RT #1	15	3660	06	"	"
RT #2	20	3661	06	"	"
RT #3	20	3662	06	"	"
RT #4	15	3663	06	"	"
TOTAL	91	units			

* May be signed by agent on behalf of owner.

C. DRILLING

(Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL

(Details in report submitted as per section 8, 6, or 7 of regulations.)
(The itemized cost statement must be part of the report.)
(State type of work in space below.)

		COST
.....	Geochemical Program (Field costs).....	\$ 16,310.92
.....	Geochemical Analysis (Lab costs).....	6,338.30
TOTAL OF C AND D		\$ 22,649.22

Who was the operator (provided the financing)?

Name **Suncor Inc.**
Address **500 - 4th Avenue S.W.**
Calgary, Alberta T2P 2V5

Portable Assessment Credits (PAC) Withdrawal Request

Amount to be withdrawn from owner(s) account(s):

		AMOUNT
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	Name of Owner	
	1. Suncor Inc.	6,750.78 \$ 6,794.76
	2.	
	3.	
TOTAL WITHDRAWAL		\$ 6,750.78
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL		\$ 29,400.00

I wish to apply \$ **29,400** of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

311 (02) 2 years 317 (02) 2 years 573 (02) 2 years 1479 (03) 3 years
 312 (02) 2 years 318 (02) 2 years 575 (02) 3 years 1480 (03) 3 years
 313 (02) 2 years 319 (02) 2 years 576 (02) 2 years 3660 (06) 3 years
 314 (02) 2 years 570 (02) 2 years 577 (02) 2 years 3661 (06) 3 years
 315 (02) 3 years 571 (02) 2 years 578 (02) 2 years 3662 (06) 3 years
 316 (02) 2 years 572 (02) 2 years 579 (02) 2 years 3663 (06) 3 years

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

		Name	AMOUNT
In owner(s) name.	1.		
	2.		
	3.		
In operator(s) name (party providing the financing).	1.		
	2.		
	3.		

Paul Hawkins
(Signature of Applicant)
Paul Hawkins
Project Geologist

ROUNDTOP MOUNTAIN PROJECT

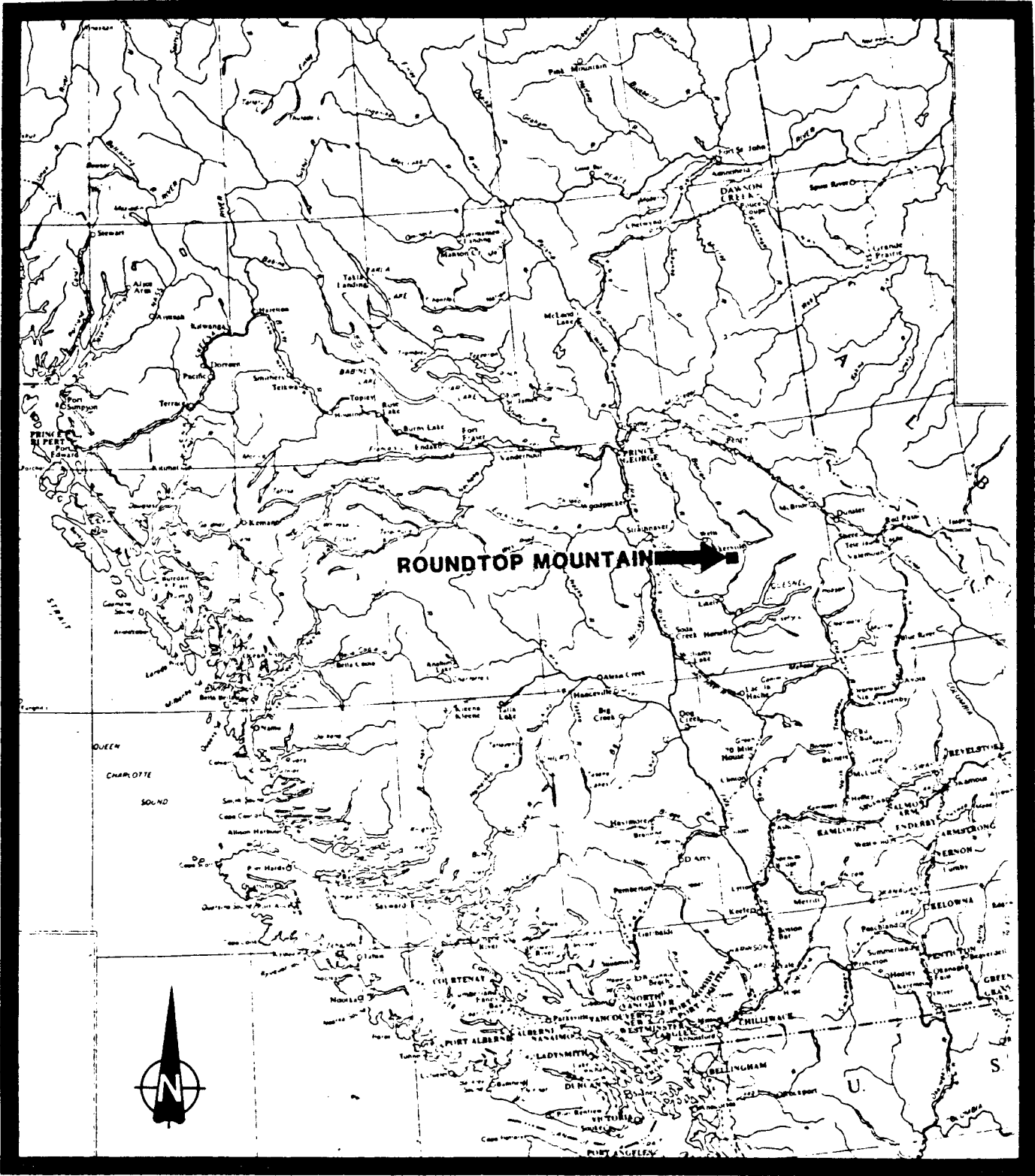
CLAIM LISTING

CARIBOO LAKE AREA, B.C.

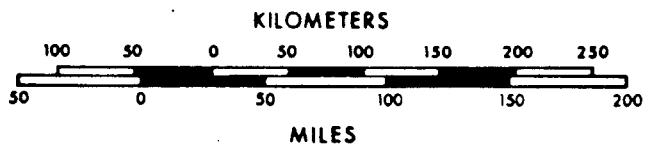
Cariboo Mining District


RECORD #	CLAIM NAME	LOT #	UNITS	ANNIVERSARY DATE	IN GOOD STANDING UNTIL	HECTARES
311	Fourth of July	9818	1	Feb. 8/77	1982 (1984)	20.90
312	Inter-national 3	3491	1	Feb. 8/77	1982 (1984)	20.90
313	Inter-national 4	3492	1	Feb. 8/77	1982 (1984)	20.54
314	Inter-national 1	3489	1	Feb. 8/77	1982 (1984)	18.02
315	Inter-national 6	3486	1	Feb. 8/77	1982 (1984)	20.90
316	Dawn #2 Fraction	3494	1	Feb. 8/77	1982 (1984)	11.13
317	Dawn Fraction	3493	1	Feb. 8/77	1982 (1984)	12.34
318	Federal Fraction	3509	1	Feb. 8/77	1982 (1984)	8.92
318	Federal #1	3507	—	—	—	—
319	Inter-national 2	3490	1	Feb. 16/77	1982 (1984)	8.32
514	Peerless #3	3499	1	Oct. 31/77	1984 (1991)	10.08
514	Hub Fraction	3500	—	—	—	—
514	Hub #2 Fraction	3498	—	—	—	—
514	Peerless #4 Fraction	3508	—	—	—	—
570	Sedan 2	3501	1	Feb. 6/78	1982 (1984)	20.90
571	Peerless #2	3502	1	Feb. 6/78	1982 (1984)	20.90
572	Sedan #1	3503	1	Feb. 6/78	1982 (1984)	20.90
573	Peerless #1	3504	1	Feb. 6/78	1982 (1984)	13.99
575	Inter-national 7	3487	1	Feb. 8/78	1982 (1985)	21.82
575	Inter-national 1 Fraction	3495	—	—	—	—

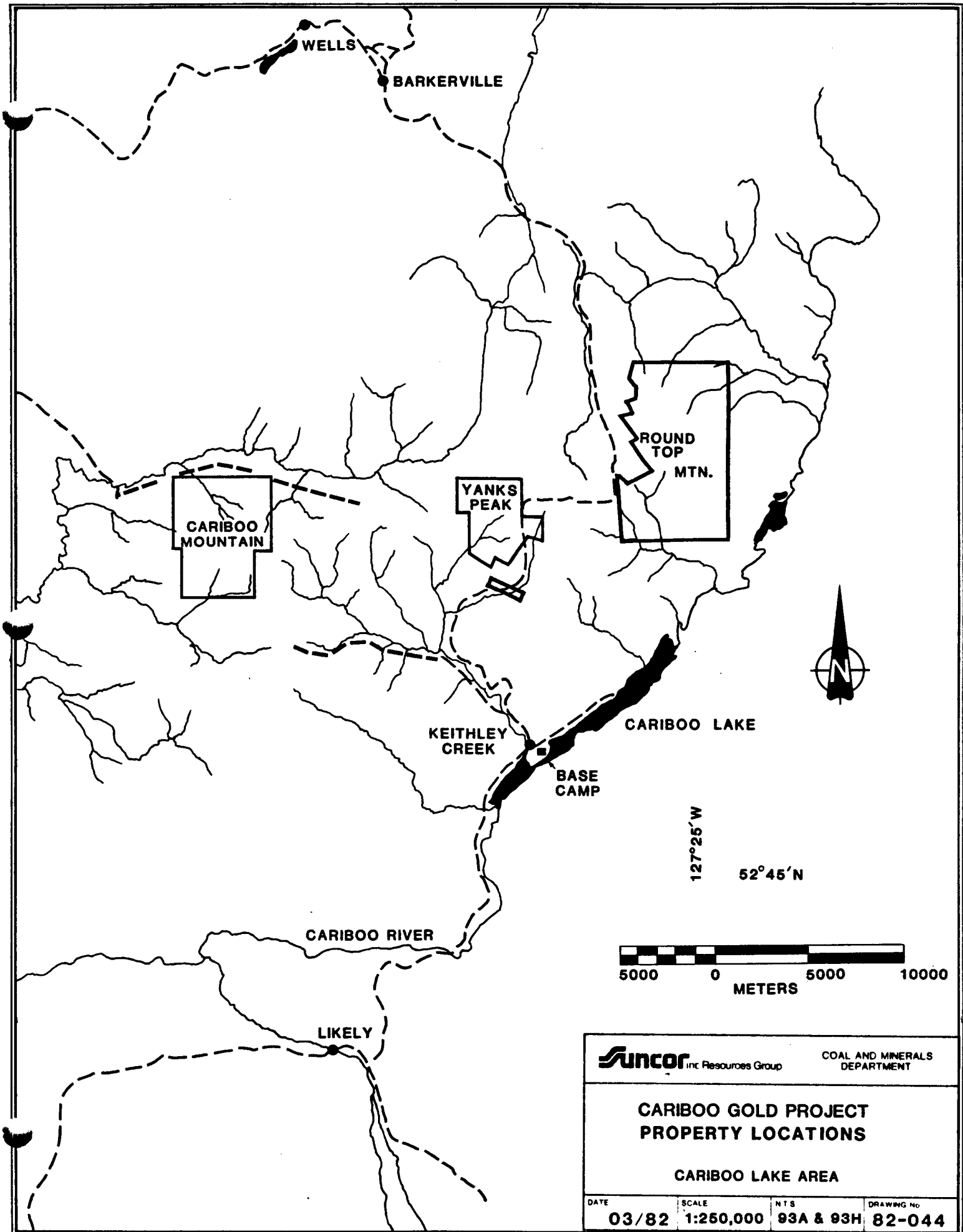
RECORD #	CLAIM NAME	LOT #	UNITS	ANNIVERSARY DATE	IN GOOD STANDING UNTIL	HECTARES
576	Surprise 6	10940	1	Feb. 8/78	1982 (1984)	23.66
	Surprise 7	3512	—	—	—	—
	Sedan 4	3505	—	—	—	—
	Fraction					
577	Surprise 4	3511	1	Feb. 8/78	1982 (1984)	24.37
	Surprise 1	3513	—	—	—	—
578	Surprise 3	3514	1	Feb. 8/78	1982 (1984)	24.24
578	Surprise 2	3510	—	—	—	—
579	Sedan 3	3497	1	Feb. 8/78	1982 (1984)	9.52
579	Sedan 5	3506	—	—	—	—
1479	Inter-national 8	3488	1	March 10/80	1982 (1985)	20.90
1480	Inter-national 5	3485	1	March 10/80	1982 (1985)	20.90
3660	RT #1	—	15	June 19/81	1982 (1985)	375.00
3661	RT #2	—	20	June 19/81	1982 (1985)	500.00
3662	RT #3	—	20	June 19/81	1982 (1985)	500.00
3663	RT #4	—	15	June 19/81	1982 (1985)	375.00
7062	Placer Lease	—	2	Nov. 2/81	1982	41.80
7063	Placer Lease	—	2	Nov. 2/81	1982	41.80
					TOTAL	2,207.75



130° 128° 126° 124° 122° 120°



		COAL AND MINERALS DEPARTMENT	
ROUNDTOP MOUNTAIN PROSPECT INDEX MAP			
DATE	SCALE	N.T.S.	DRAWING NO.
SEP. 1981	1:5,000,000	92	81-067 F





TO BARKERVILLE

CRAZE CREEK

CUNNINGHAM CREEK

PENNY CREEK

PETER GULCH

RT-1
3660

RT-2
3661

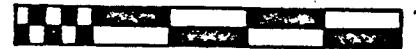
-52° 53'

TO KEITHLEY CREEK

RT-4
3663

RT-3
3662

SIMLOCK CREEK



500 0 500 1000 1500 2000

HARVEY'S CREEK

-121° 20'

Suncor Inc. Resource Group

COAL AND MINERALS DEPARTMENT

ROUND TOP MOUNTAIN CLAIM MAP
CARIBOO LAKE AREA

DATE 09/81

SCALE 1:50,000

R.T.S. 93A14

DRAWING No. 81-057 E

ROUNDTOP MOUNTAIN
GEOCHEMICAL DATA

<u>ELEMENT</u>	<u>UNITS</u>
Cu	ppm
Pb	ppm
Zn	ppm
Ni	ppm
Cd	ppm
Mo	ppm
Fe	%
Au	ppb
Ag	ppb
As	ppm
W	ppm
pH	none

DATE	14:33:21	RID	14	02 APR 82	MINERL												
PRJYR	SAMPLE, ROCK, PS, CU	.PB	.ZN	.NI	.CD	.MO	.FE	.AU	.AG	.PS	.W	.PH					
NUMBER, TYPE	.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA					
CS181	APD179	31	15	47	15	0.0	0	2.36	6	10	3	1	7.80				
OS181	BND001	47	1710						0	1470							
CS181	BND002	23	1600						14	7700							
OS181	BND003	9	690						0	860							
OS181	BND004	220	6100						82	30000							
CS181	BND005	34	1640						12	11400							
CS181	BND006	5	75						4	150							
CS181	BND007	16	1530						20	650							
CS181	BND05A	220	13900						14	7200							
CS181	BS0001	5	47						2	100							
CS181	BS0002	12	14						4	40							
CS181	BS0003	14	16						0	50							
CS181	BS0004	13	3						6	90							
OS181	BS002A	24	7	90	29	0.0	1	4.17	4	60							
OS181	CHA001	5	7300	200	7	2.1	4	1.19	1570	7800							
OS181	CHA002	7	43	8	146	1.0	2	11.9	11840	16000							
OS181	CHA003	11	119	36	31			2.44	32	100							
OS181	CHT001	26	1330	890	25	10.8	2	4.90	1390	1340							
CS181	CHT002	10	54	60	24	0.0	3	4.17	7860	1200							
CS181	CHT003	43	1630	1600	48	13.7	2	5.30	974	1900							
CS181	DAV001	56	14	110	121	0.0	2	7.80	22	50	51	1	5.19				
OS181	DAV002	11	5						48	10							
OS181	LRO001	430	86	4700	27	43.6	3	4.19	122	79000							
CS181	LRO002	660	1630	150	174	0.7	5	4.7	82	4800							
CS181	LRO003	61	0	48	153	0.0	4	5.2	16	1150							
OS181	MP0001	4	8						18	110							
OS181	MP0002	3	0						0	30							
OS181	MP0003	4	0						2	10							
OS181	MP0004	5	2						0	20							
OS181	MP0005	8	7						0	110							
OS181	MP0006	22	9						0	20							
OS181	MP0007	30	69						4	400							
OS181	MP0008	18	12						4	120							
OS181	MP0009	8	2						0	20							
OS181	MP0010	15	4						2	40							
OS181	MP0011	25	6						2	100							
OS181	MP0012	6	8						2	210							
OS181	MP0013	6	8						4	20							
OS181	MP0014	3	2						0	20							
OS181	MP0015	5	0						0	0							
OS181	MP0016	31	38						2	150							
OS181	MP0017	8	0						0	30							
OS181	NO0001	47	14	139	60	0.0	1	5.80	8	90	7	0	5.99				
OS181	NO0002	12	22						8	10							
OS181	NO0001	3	840	100	12	0.5	290	2.90	14	1450							
OS181	NO0002	26	88	120	34	0.0	0	5.50	0	20							
OS181	NO0003	13	10	74	19	0.0	0	3.13	0	20							
OS181	NO0004	24	12	160	84	0.0	0	5.70	4	50	5	0	6.09				
OS181	NO0005	8	30	113	24	0.0	10	1.49	2	80							
OS181	NO0006	33	21	170	46	0.0	9	4.80	14	60	6	2	7.10				
OS181	PCA000	42	0	61	58	0.0	3	4.20	0	20							
OS181	PC0000	4	0	20	0	0.0	3	0.52	0	40							
OS181	PCC000	48	6	77	72	0.0	2	5.00	0	10							
OS181	PCD000	34	23	85	82	0.0	2	6.50	0	30	20	0	7.67				
OS181	PCE000	17	2	15	14	0.0	13	0.97	0	30							

*PRJYR .SAMPLE.ROCK.PS.CU .PB .7N .NI .CO .MO .FE .AU .AG .AS .M .PH
 * .NUMREF.TYPE. .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA
 ----- PAGE 2

05101	PCFC00	21	11	78	14	0.0	1	3.46	2	70				
05101	PCGG00	22	4	110	34	0.0	1	4.70	0	0				
05101	PCN000	34	1410	2400	16	14.6	2	1.80	182	7200				
05101	PCJG00	21	12	92	22	0.0	0	4.90	0	50				
05101	PCK000	34	168	134	27	0.3	15	2.58	6	120				
05101	PCLC00	750	120	820	55	8.1	4	2.20	14	36000				
05101	PCM000	1550	830	1980	20	18.8	3	1.40	60	62000				
05101	PCAN00	21	10	30	23	0.0	2	3.80	0	520				
05101	PCQ000	10	6	26	11	0.0	3	1.61	20	160				
05101	PCP000	5	4	25	13	0.0	3	1.23	0	30				
05101	PCQ000	31	6	51	36	0.0	2	3.80	22	50				
05101	PCR000	11	83	27	150	0.0	4	1.46	25200	4500				
05101	PC0001	37	25	186	81	0.1	3	5.10	8	100	22	4	6.65	
05101	PC0002	46	36	280	82	0.6	4	6.60	6	100	16	2	7.05	
05101	PC0003	41	24	220	66	0.2	4	5.10	6	80	13	1	7.26	
05101	PC0004	30	13	165	52	0.0	3	4.12	4	50	7	1	7.45	
05101	PC0005	36	14	208	62	0.4	4	4.19	6	30	6	2	7.59	
05101	PC0006	42	26	250	86	0.6	3	5.60	6	70	16	2	7.50	
05101	PC0007	38	15	209	74	0.2	3	5.60	0	100	8	2	7.67	
05101	PC0008	44	30	260	91	0.4	4	5.50	4	80	16	1	7.50	
05101	PC0009	33	17	162	55	0.0	3	4.11	2	70	11	0	7.79	
05101	PC0010	30	12	170	50	0.4	4	3.22	2	50	6	1	7.80	
05101	PC0011	35	22	156	62	0.3	2	4.80	0	40	9	0	7.82	
05101	PC0012	36	15	215	68	0.5	2	5.00	0	40	9	1	7.70	
05101	PC0013	24	8	119	40	0.0	2	3.33	0	50	4	0	7.85	
05101	PC0014	43	21	240	76	0.3	2	5.40	0	90	15	1	7.69	
05101	PC0015	44	21	240	96	0.4	3	5.20	2	180	13	1	7.60	
05101	PC0016	52	43	250	120	0.7	16	6.30	2	150	15	1	7.40	
05101	PC0017	35	18	198	64	0.3	5	3.92	0	70	12	2	7.70	
05101	PC0018	33	17	155	52	0.3	4	3.61	0	50	10	0	7.74	
05101	PC0019	32	23	192	81	0.0	2	4.80	4	60	19	1	7.83	
05101	PC0020	31	20	190	70	0.2	3	4.02	2	80	15	0	7.79	
05101	PC0021	41	22	206	85	0.0	2	5.00	0	70	15	0	7.62	
05101	PC0022	35	25	200	76	0.1	2	5.00	0	40	10	0	7.59	
05101	PC0023	42	25	205	95	0.0	3	5.60	0	80	15	3	7.62	
05101	PC0024	48	14	185	66	0.0	2	5.10	2	60	18	0	7.68	
05101	PC0025	50	17	310	86	0.0	1	5.90	0	60	14	2	7.67	
05101	PC0026	30	21	173	52	0.0	3	4.04	0	60	13	2	7.78	
05101	PC0027	34	17	210	67	0.0	3	4.70	0	50	10	2	7.76	
05101	PC0028	34	17	168	60	0.0	2	4.06	0	60	12	0	7.79	
05101	PC0029	31	7	107	82	0.0	1	5.20	2	50	2	0	7.80	
05101	PC0030	48	21	152	114	0.0	2	6.80	2	70	3	0	7.65	
05101	PC0031	29	14	90	64	0.0	2	4.05	0	40	2	0	7.86	
05101	PC0032	32	12	124	73	0.0	2	5.60	8	30	4	0	7.70	
05101	PC0033	42	23	135	80	0.0	3	5.70	2	70	8	0	7.38	
05101	PC0034	24	16	96	43	0.0	4	4.08	0	20	3	2	7.63	
05101	PC0035	64	4	107	106	0.0	1	7.30	0	70	6	0	7.50	
05101	PC0036	36	9	110	65	0.0	0	6.20	2	50	2	0	7.55	
05101	PC0037	29	17	129	55	0.0	5	5.10	0	50	2	2	7.60	
05101	PC0038													
05101	PC0039	40	9	136	87	0.0	3	6.20	0	40	4	0	7.65	
05101	PC0040	51	20	153	98	0.0	4	6.70	0	70	5	0	7.46	
05101	PC0041	43	19	152	87	0.0	3	6.80	0	50	6	0	7.44	
05101	PC0042	32	38	167	54	0.0	6	4.60	0	120	5	1	7.07	
05101	PC0043	36	34	151	60	0.2	6	4.80	0	130	8	0	6.99	
05101	PC0044	25	25	142	53	0.0	7	4.90	0	50	3	0	7.08	
05101	PC0045	30	28	123	54	0.0	8	4.70	4	100	4	0	7.06	
05101	PC0046	27	19	134	48	0.0	7	4.60	2	50	5	0	7.20	
05101	PC0047	41	20	150	51	0.0	7	5.30	6	110	4	2	6.33	

DATE 14:33:21 MID 14 02 APR 82 MINERL

PRJYR .SAMPLE.NOCH.PS.CU

NUMBER.TYPE .AA

		.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA	.AA
05181	PG0011	34	20	200	64	1.2	5	4.40	6	20	9	0	6.99
05181	PG0012	41	23	158	51	0.5	7	3.56	4	10	7	0	6.95
05181	PG0013	29	16	134	40	0.6	7	3.82	0	20	11	0	7.07
05181	PG0014	42	27	98	41	0.3	3	4.10	8	10	5	0	7.22
05181	PG0015	45	26	159	65	1.0	3	5.9	2	120	11	0	5.64
05181	PG0016	33	16	98	45	0.2	3	4.18	0	10	3	0	6.70
05181	PG0017	26	11	100	39	0.0	5	3.80	0	50	5	2	6.86
05181	PG0018	32	11	96	31	0.1	2	3.42	2	20	4	0	6.89
05181	PG0019	33	18	103	43	0.2	2	3.77	0	0	7	0	6.93
05181	PG0020	37	23	125	41	0.3	4	3.90	0	60	11	0	6.85
05181	PG0021	31	27	129	42	0.3	4	4.06	8	130	6	0	6.86
05181	PG0022	30	20	115	46	0.1	3	4.50	8	130	9	0	6.86
05181	PG0023	29	12	148	47	0.0	2	4.60	0	50	10	0	6.83
05181	PG0024	22	15	102	50	0.0	2	5.30	0	60	23	0	6.94
05181	PG0025	27	22	99	46	0.0	3	3.71	8	60	18	0	6.87
05181	PG0026	34	26	106	40	0.0	2	4.12	2	70	17	2	6.81
05181	PG0027	35	27	126	42	0.0	2	5.70	0	70	15	6	6.92
05181	PG0028	31	63	122	41	0.3	2	4.80	26	80	26	3	6.40
05181	PG0029	46	98	250	45	1.8	2	5.40	20	200	21	2	6.70
05181	PG0030	34	118	174	40	0.6	2	4.50	34	400	35	5	6.40
05181	PG0031	26	22	78	33	0.0	2	4.40	0	40	11	0	6.80
05181	PG0032	52	36	100	32	0.0	0	4.90	2	60	10	2	7.10
05181	PT0001	37	40	145	46	0.5	6	5.00	24	650	78	1	5.48
05181	PT0002	31	21	144	48	0.3	4	5.00	20	90	82	2	5.39
05181	PT0003	23	14	104	40	0.0	4	3.90	10	100	65	2	5.49
05181	PT0004	21	20	153	55	0.2	4	4.70	2	40	20	4	5.51
05181	PT0005	39	37	240	50	1.2	5	4.80	4	140	30	4	5.47
05181	PT0006	32	24	156	44	0.5	7	4.06	0	70	20	2	5.61
05181	PT0007	29	65	198	38	0.8	10	4.40	0	90	11	1	5.60
05181	PT0008	31	20	90	37	0.0	5	3.43	18	70	75	0	5.78
05181	PT0009	26	30	197	43	0.6	5	4.60	0	90	17	0	5.74
05181	PT0010	24	21	162	41	0.6	5	3.71	0	40	16	2	5.93
05181	PT0011	31	24	210	56	1.1	7	4.80	2	110	18	0	5.87
05181	PT0012	76	5	149	60	0.5	8	6.00	8	350	30	3	5.95
05181	PT0013	22	15	136	36	0.4	6	3.42	0	50	9	1	6.07
05181	PT0014	24	18	189	43	0.9	6	4.04	6	70	20	1	6.15
05181	PT0015	26	20	200	45	0.8	7	4.18	2	50	16	1	6.27
05181	PT0016	30	18	200	44	0.9	6	4.60	2	70	17	2	6.25
05181	PT0017	31	9	151	60	0.7	7	3.75	0	50	16	0	6.35
05181	PT0018	29	46	110	45	0.4	10	4.70	4	170	27	4	6.52
05181	PT0019	38	36	170	48	0.6	8	5.00	6	170	53	3	6.25
05181	PT0020	29	18	103	41	0.2	9	3.31	8	90	33	1	6.35
05181	PT0021	27	25	125	43	0.2	5	3.65	12	170	50	2	6.49
05181	PT0022	31	25	130	51	0.2	7	3.92	8	120	58	4	6.48
05181	PT0023	34	24	158	50	0.3	9	3.85	6	100	40	7	6.59
05181	PT0024	31	18	103	44	0.3	8	3.75	4	130	46	2	6.50
05181	PT0025	49	34	156	42	0.7	7	5.00	26	280	100	4	6.47
05181	PT0026	41	15	104	46	0.1	6	4.04	2	30	39	2	6.43
05181	PT0027	34	17	106	37	0.0	6	3.93			0		
05181	PT0028	57	24	117	38	0.0	5	4.07	6	60	49	1	6.42
05181	PT0029	53	23	113	42	0.0	5	4.00	12	100	87	2	6.86
05181	PT0030	51	16	11	43	0.0	3	4.70	18	180	103	2	7.09
05181	PT0031	39	17	83	33	0.0	2	4.05	8	80	73	2	6.80
05181	PO0001	15	9						24	30			
05181	RO0001	800	530						34	29000			
05181	RST001	67	9	340	181	0.6	2	7.80	0	80	9	0	4.68
05181	RST002	4	8						2	60			
05181	RST003	74	28						0	50			
05181	RST004	76	32	400	126	0.0	1	10.80	0	50	4	0	5.09

DATE 14:33:21 RID 14 D2 APR 82 MINERL
 PRJYR SAMPLE, ROCK, PS, CU DB ZN NI CD MO FE AU AG AS W PH
 NUMBER, TYPE, AA AA AA AA AA AA AA AA AA AA AA

DATE	RID	DB	ZN	NI	CD	MO	FE	AU	AG	AS	W	PH
05181 112771	18	13	72	19	0.0	1	3.10	0	470	7	1	4.41
05181 112772	14	34	70	21	0.0	1	2.69	0	220	5	2	4.44
05181 112773												
05181 112774	17	39	39	16	0.3	1	1.83	16	400	7	0	4.19
05181 112775	8	13	46	9	0.0	0	2.06	2	200	6	0	3.72
05181 112776	8	16	31	5	0.0	0	1.65	0	190	4	2	3.63
05181 112777	8	21	32	10	0.0	0	1.82	0	220	5	2	3.58
05181 112778	12	12	39	19	0.0	1	2.30	0	100	4	1	3.52
05181 112779	17	17	70	26	0.0	0	3.29	0	120	9	2	3.78
05181 112780	11	19	61	21	0.0	1	2.52	0	100	5	0	3.71
05181 112781	21	44	107	29	0.3	1	2.58	0	720	10	0	5.05
05181 112782	7	12	22	11	0.0	0	0.95	0	170	6	0	3.43
05181 112783	13	37	50	20	0.0	1	2.33	0	50	6	1	3.56
05181 112784	9	19	24	13	0.0	1	1.70	2	110	8	0	3.61
05181 112785	21	16	57	28	0.0	0	2.80	2	110	6	1	3.76
05181 112786	26	17	121	64	0.1	0	4.14	0	470	2	1	3.85
05181 112787	31	35	189	59	0.4	0	5.10	0	280	9	0	5.09
05181 112788	14	41	79	25	0.0	0	3.20	0	600	6	0	3.85
05181 112789	24	46	161	50	0.0	0	6.30	0	270	4	0	3.83
05181 112790	47	17	173	94	0.0	0	6.50	0	240	8	0	5.05
05181 112791	42	14	137	80	0.0	0	5.80	0	160	6	0	3.99
05181 112792	21	31	146	61	0.3	0	3.75	0	260	9	0	3.60
05181 112793	13	30	87	14	0.0	0	2.78	0	350	12	2	3.59
05181 112794	20	20	81	22	0.0	1	3.64	0	320	8	1	3.51
05181 112795	6	5	21	4	0.0	0	0.87	0	310	7	1	3.22
05181 112796	15	6	102	20	0.1	1	3.19	0	640	13	2	3.37
05181 112797	13	140	219	29	0.3	3	2.78	0	640	14	2	3.64
05181 112798	9	20	136	11	0.0	0	1.69	0	320	11	1	3.23
05181 112799	38	19	79	32	0.0	0	5.20	2	100	9	2	4.00
05181 112800	37	219	164	25	0.0	0	8.50	48	80	28	37	3.81
05181 112801	23	16	61	19	0.0	1	3.97	0	130	15	3	3.57
05181 112802												
05181 112803	30	29	101	29	0.0	1	4.50	0	150	22	2	4.37
05181 112804	116	22	81	66	0.0	1	6.30	0	180	33	2	4.25
05181 112805	58	39	103	40	0.1	0	5.20	6	430	13	2	4.99
05181 112806	41	36	116	38	0.2	1	5.40	24	580	20	3	4.99
05181 112807	33	21	74	31	0.0	0	4.30	8	140	20	4	4.10
05181 112808	46	32	83	43	0.0	0	4.50	32	210	34	3	4.77
05181 112809	40	34	102	36	0.0	0	4.30	18	50	21	2	4.37
05181 112810	34	16	79	33	0.0	0	4.02	12	130	13	1	4.45
05181 112811	34	36	119	34	0.0	1	5.40	0	100	10	2	4.10
05181 112812	29	101	82	29	0.0	0	4.05	0	300	10	2	4.39
05181 112813	32	61	103	33	0.1	1	5.60	6	190	12	2	4.20
05181 112814	24	84	64	24	0.0	0	3.75	0	200	18	2	3.99
05181 112815	32	54	66	23	0.0	0	3.63	0	290	7	2	3.68
05181 112816	22	34	59	19	0.0	0	3.13	0	200	8	2	3.20
05181 112817	27	140	76	23	0.0	0	3.59	6	240	10	2	4.13
05181 112818	25	63	71	26	0.0	0	3.63	0	140	8	2	4.09
05181 112819	23	24	62	21	0.0	0	3.69	0	240	19	2	3.63
05181 112820	35	49	80	31	0.0	0	4.50	2	510	8	2	4.27
05181 112821	30	69	64	27	0.0	0	4.04	0	370	7	4	4.25
05181 112822	26	31	57	24	0.0	0	3.03	0	410	8	2	4.68
05181 112823	22	16	60	23	0.1	0	3.62	0	230	10	2	4.12
05181 112824	17	26	72	21	0.0	0	3.53	10	280	9	4	4.62
05181 112825	31	27	64	28	0.0	1	4.80	0	160	19	2	4.30
05181 112826	22	26	83	13	0.0	5	1.89	32	360	14	4	3.39
05181 112827	11	31	34	9	0.0	0	1.69	10	210	6	3	3.59
05181 112828	28	113	113	21	0.0	12	3.18	4	1630	12	5	3.77
05181 112829	12	40	39	11	0.0	14	2.41	2	610	16	5	3.58

14:33:21 RIO 14 02 APR 82 MINERL
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.DATE	.PRJYR	.SAMPLE.ROCK.PS.CU	.DB	.7N	.N1	.CD	.PO	.FE	.AU	.AG	.AS	.M	.PH
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05101	112839	10	20	32	6	0.0	0	2.20	2	640	6	5	3.84
05101	112840	4	24	36	5	0.0	0	0.90	0	210	4	4	3.76
05101	112841	17	86	173	22	0.2	6	3.11	0	200	10	4	3.54
05101	112842	6	9	120	4	0.0	0	0.83	0	160	5	4	3.58
05101	112843	29	19	97	23	0.0	1	4.50	0	330	12	2	3.71
05101	112844	12	23	53	46	0.0	2	3.08	0	1000	10	2	3.65
05101	112845	50	54	190	29	0.3	12	3.40	0	1800	32	3	3.60
05101	112846	5	4	13	4	0.0	0	0.80	0	540	6	2	3.48
05101	112847	15	71	270	13	0.0	1	3.27	0	590	12	3	3.72
05101	112848	21	35	104	18	0.3	1	5.90	0	530	10	2	3.62
05101	112849	10	26	79	10	0.0	1	1.91	20	350	4	0	3.99
05101	112850	12	27	74	20	0.0	2	3.65	4	200	3	2	3.50
05101	112851	17	29	90	20	0.0	1	3.96	0	200	8	5	3.51
05101	112852	19	20	126	67	0.1	0	2.54	2	90	4	0	4.99
05101	112853	25	24	113	46	0.0	0	4.00	0	270	3	2	4.19
05101	112854	20	14	79	31	0.0	1	3.96	4	460	7	2	3.50
05101	112855	24	21	90	23	0.0	1	5.30	0	220	7	2	3.58
05101	112856	62	23	139	34	0.5	2	4.50	0	1100	5	2	3.98
05101	112857	35	31	119	38	0.0	2	6.00	0	220	10	2	3.69
05101	112858	14	13	53	14	0.0	1	3.98	0	340	5	2	3.41
05101	112859	13	14	52	11	0.0	1	3.05	2	130	4	2	3.50
05101	112860	19	21	64	17	0.0	1	4.18	0	140	9	3	3.60
05101	112861	48	31	29	43	0.0	1	5.60	0	110	7	0	4.18
05101	112862	8	19	26	6	0.0	0	1.58	0	880	4	2	3.50
05101	112863	23	26	62	16	0.0	2	4.80	2	750	6	3	3.61
05101	112864	10	16	36	7	0.0	0	4.01	0	320	8	2	3.60
05101	112865	12	13	39	10	0.0	2	2.54	19	37	51	20	0.0
05101	112866	12	11	50	13	0.0	1	2.70	0	140	5	2	3.68
05101	112867	13	16	63	40	0.0	0	4.70	4	320	15	0	3.64
05101	112868	11	14	60	74	0.0	0	4.60	0	200	4	2	3.77
05101	112869	6	5	26	7	0.0	1	1.55	0	210	3	4	3.63
05101	112870	22	51	169	30	0.8	7	4.00	0	1600	15	2	4.52
05101	112871	24	46	213	31	2.5	9	3.83	0	910	12	2	5.40
05101	112872												
05101	112873	9	18	100	14	0.5	1	1.32			7	0	
05101	112874	27	40	86	31	5.3	10	9.30			26	0	
05101	112875	29	48	73	22	3.3	5	5.30			20	0	4.24
05101	112876	13	130	94	14	1.4	26	18.60			22	0	4.83
05101	112877	9	33	99	27	0.4	3	2.10	0	270	10	2	4.82
05101	112878	4	18	39	14	0.1	1	1.27	0	220	12	3	4.58
05101	112879	26	91	101	32	1.7	3	2.16			14	2	5.12
05101	112880	11	52	84	24	0.2	1	2.63	30	1000	6	3	4.74
05101	112881	20	50	92	21	0.0	0	5.80	32	600	15	1	4.40
05101	112882	28	49	90	27	0.4	1	4.00	28	320	8	1	4.10
05101	112883	26	26	73	26	0.0	0	4.06	28	340	9	2	4.09
05101	112884	21	22	54	20	0.0	0	3.70	0	220	9	2	3.95
05101	112885	19	37	51	20	0.0	0	3.60	0	120	11	2	3.80
05101	112886	23	21	69	21	0.0	0	3.85	0	350	11	5	4.02
05101	112887	16	34	39	14	0.0	0	2.59	0	250	11	2	3.53
05101	112888	18	6	37	14	0.0	0	3.24	0	200	9	0	3.60
05101	112889	15	7	31	11	0.0	0	2.09	0	120	7	2	3.41
05101	112890	14	5	29	9	0.0	0	2.15	0	280	10	1	3.62
05101	112891	19	62	32	15	0.0	0	2.95	0	400	11	2	3.85
05101	112892	31	16	63	22	0.0	0	5.70	0	220	9	2	3.80
05101	112893	17	18	39	17	0.0	0	3.22	20	200	9	8	3.68
05101	112894	23	3	40	16	0.0	0	2.87	4	170	7	2	3.81
05101	112895	28	21	56	22	0.0	0	4.15	20	220	13	3	3.64
05101	112896	28	6	66	23	0.0	0	4.70	0	120	12	5	4.22

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OPR JFR .SAMPLE. ROCK. PS. CU .PB .7N .MI .CD .MO .FE .AU .AG .AS .U .PH

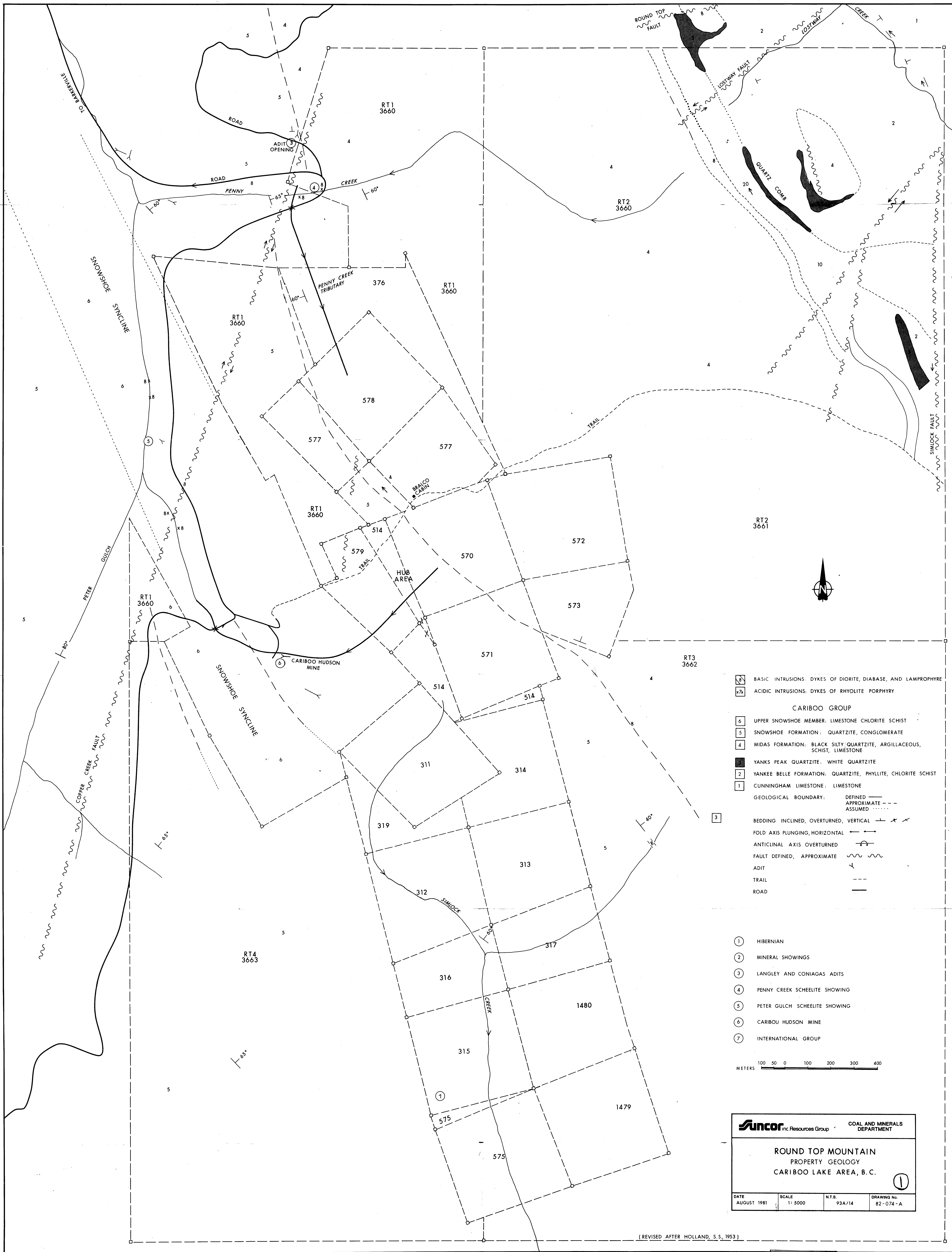
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CS181	113538		7	12	25	8	0.0	0	0.97	0	110	3	0	3.59	
CS181	113539		14	16	38	24	0.0	0	1.95	0	380	4	1	3.51	
CS181	113540		9	13	25	11	0.0	0	1.36	2	280	5	1		
CS181	113541		23	29	153	35	0.3	0	3.22	0	140	6	4		
CS181	113542		22	18	118	27	0.4	1	3.27	8	320	5	2		
CS181	113543		14	15	76	19	0.2	1	2.90	8	360	6	8	4.48	
CS181	113544		12	16	61	16	0.1	0	2.76	8	240	3	5	4.19	
CS181	113545		21	25	78	24	0.3	1	3.36	12	460	3	4	4.21	
CS181	113546		11	22	61	18	0.1	1	2.67	4	1180	3	4	3.79	
CS181	113547		6	24	28	10	0.0	0	1.12						
CS181	113548		9	13	38	16	0.0	0	1.68	0	60	3	5		
CS181	113549		7	12	33	9	0.0	0	1.37	4	210	3	4	3.39	
CS181	113550		12	15	43	17	0.0	0	2.70	2	140	3	4	3.51	
CS181	113551		10	14	39	16	0.2	1	1.96	0	240	5	4	3.41	
CS181	113552		13	17	52	19	0.1	0	2.73	0	120	3	5		
CS181	113553		21	20	57	24	0.1	1	3.44	0	320	4	9		
CS181	113554		12	15	42	17	0.0	0	2.25						
CS181	113555		20	16	72	34	0.0	1	3.31	0	280	4	7		
CS181	113556		16	30	70	24	0.1	0	2.92	0	220	13	2	3.61	
CS181	113557		10	30	48	17	0.0	0	2.11	8	690	3	3	3.50	
CS181	113558		27	51	1380	188	10.3	0	2.80	4	960	9	10	5.21	
CS181	113559		26	52	1390	175	10.1	0	2.83	0	370	11	8		
CS191	113560		15	32	250	32	1.6	0	2.86	0	1320	10	3	4.09	
CS181	113561		17	54	440	41	1.5	2	3.32	0	320	14	8	4.19	
CS181	113562		21	710	420	25	1.7	3	2.30	6	280	6	3		
CS181	113563		11	30	68	16	0.2	1	2.15	96	100	17	4	4.81	
CS181	113564		21	40	96	25	0.2	4	2.69	0	420	18	2	5.39	
CS181	113565		21	26	89	26	1.3	3	1.34	0	400	11	0		
CS181	113566		20	46	141	50	2.1	4	3.11	8	400	3	2	5.41	
CS191	113567		36	43	168	61	2.0	9	3.82	0	300	12	2	5.56	
CS191	113568		39	10	58	50	0.0	0	4.60	0	80	5	1	3.79	
CS181	113906		11	15	40	15	0.0	0	1.90	0	200	8	1	3.55	
CS181	113907		34	21	132	41	0.4	2	3.90	0	640	26	1	3.24	
CS181	113908		46	24	197	30	3.8	4	2.56	0	450	17	2	4.25	
CS191	113909		29	16	140	23	1.0	2	3.55	0	200	14	0	4.34	
CS181	113910		19	17	120	17	1.0	7	3.46	0	280	10	0	4.23	
CS181	113911		21	14	118	22	0.3	1	3.04	12	540	12	0	4.95	
CS181	113912		13	13	65	15	0.0	1	2.87	0	220	13	0	3.32	
CS181	113913		17	10	56	16	0.0	1	2.95	0	150	14	0	3.20	
CS181	113914		32	25	116	34	0.4	3	4.20	0	300	14	0	3.14	
CS181	113915		28	9	84	35	0.0	0	5.60	4	380	22	0	3.20	
CS181	113916		19	10	51	12	0.0	0	3.39	14	370	10	0	3.07	
CS181	113917		15	12	60	19	0.0	0	2.25	0	130	8	0	3.96	
CS181	113918		10	7	35	20	0.0	0	1.33	0	480	9	0	3.92	
CS181	113919		20	6	75	39	0.0	0	2.97	0	510	15	0	3.97	
CS181	113920		24	20	123	23	0.0	3	2.12	88	480	9	1	3.96	
CS181	113921		6	13	31	5	0.0	0	1.34	6	600	8	0	3.95	
CS181	113922		11	7	38	10	0.0	0	1.66	0	320	9	0	3.99	
CS181	113923		8	7	30	8	0.0	0	0.90	0	520	6	0	3.84	
CS181	113924		21	16	53	16	0.0	1	2.08	16	820	10	0	3.97	
CS181	113925		21	11	67	31	0.2	1	2.89	0	700	18	0	3.96	
CS181	113926		10	13	47	6	0.0	0	1.66	12	720	12	0	3.86	
CS181	113927		9	18	42	10	0.0	0	1.88	10	270	9	0	3.91	
CS181	113928		14	106	65	12	0.0	0	2.53	0	520	14	0	3.06	
CS181	113929		10	12	42	10	0.0	0	1.91	2	240	7	0	3.11	
CS181	113930		9	8	36	16	0.0	0	1.70	12	1950	10	0	3.98	
CS181	113931		10	12	31	19	0.0	0	2.04	6	560	9	0	3.91	
CS181	113932		41	4	100	102	0.0	0	6.10	2	50	4	0	3.28	
CS181	113933		7	8	26	7	0.1	0	1.15	24	140	6	0	3.82	

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05181	113936	9	15	39	10	0.0	0	2.10	2	430	7	0	3.01		
05181	113937	7	11	25	8	0.0	0	1.43	2	250	6	0	2.92		
05191	113938	11	8	39	11	0.0	0	2.44	8	250	10	0	2.98		
05181	113939	6	13	21	5	0.0	0	1.11	0	250	6	0	2.91		
05181	113941	11	9	34	7	0.0	0	1.83	0	360	7	0	3.04		
05181	113942	8	11	30	6	0.1	0	1.42	0	170	9	0	3.81		
05181	113943														
05181	113944	128	140	650	460	2.9	8	13.8	190	3300	980	98	4.92		
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05181	113946	270	84	290	250	3.0	7	14.3	130	1890	1090	20	5.21		
05181	113947	48	107	213	52	0.4	3	6.20	84	1040	150	16	4.40		
05181	113948	82	136	250	79	1.5	3	7.50	32	2120	122	28	4.07		
05181	113949	24	28	66	25	1.0	0	1.46	0	0	18	1	5.42		
05181	113950	55	88	230	67	1.5	1	5.80	368	3920	86	10	4.63		
05181	113951	27	52	127	41	0.5	0	3.06	96	1080	34	8	5.92		
05181	113952	46	65	208	64	0.3	0	5.80	24	500	75	8	5.63		
05181	113953	47	65	206	73	0.2	0	5.70	54	270	84	5	3.72		
05181	113954	86	161	240	95	0.5	0	6.60	52	1040	92	7	4.72		
05181	113955	54	59	126	51	0.2	0	4.16	120	360	40	7	3.46		
05181	113956	17	22	76	27	0.0	0	2.55	132	1060	19	2	3.02		
05181	113957	57	86	182	64	0.0	0	6.00	60	480	160	22	3.89		
05181	113958	60	65	171	73	0.4	0	5.50	54	650	29	11	5.02		
05181	113959	49	45	180	70	0.1	0	5.20	14	220	35	3	4.25		
05181	113960	45	46	203	77	0.4	0	4.24	12	440	28	3	4.76		
05181	113961	41	47	206	70	0.5	0	4.18	10	330	26	2	3.87		
05181	113962	50	55	240	76	0.5	2	5.40	16	430	28	2	3.66		
05181	113963	54	63	300	86	0.5	2	5.40	24	350	34	2	4.16		
05181	113964	44	52	220	72	0.5	1	4.90	20	970	29	2	4.44		
05181	113965	36	49	184	66	0.4	0	4.50	34	550	30	2	5.35		
05181	113966	52	38	150	76	0.2	0	5.00	20	240	32	3	6.64		
05181	113967	40	36	155	58	0.4	0	4.70	32	280	20	2	5.68		
05181	113968	48	55	191	76	0.2	0	5.30	18	730	44	2	5.70		
05181	113969	53	53	200	70	0.2	1	5.40	40	160	27	5	4.36		
05181	113970	53	54	197	77	0.5	0	4.70	32	280	39	3	5.12		
05181	113971	45	47	186	56	0.6	2	4.80	30	630	40	3	4.50		
05181	113972	34	43	93	34	0.0	1	5.30	18	80	36	2	3.43		
05181	113973	53	51	200	68	0.3	0	5.20	16	100	40	2	3.83		
05181	113974	8	98	55	6	0.1	1	0.69	16	160	2	2	2.99		
05181	113975	17	17	98	16	0.0	0	2.65	20	250	12	0	3.09		
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05181	113977	15	27	189	18	0.1	1	1.70	6	330	7	1	3.73		
05181	113978	41	370	740	61	0.5	0	5.10	6	480	25	1	3.04		
05181	113979	31	78	860	62	2.0	0	5.70	0	700	25	0	4.38		
05181	113980	36	17	155	42	0.1	0	5.90	54	320	16	2	3.43		
05181	113981	34	21	153	47	0.1	0	5.10	0	320	13	1	4.77		
05181	113982	39	8	76	70	0.0	0	4.60	16	200	14	1	3.52		
05181	113983	40	19	202	75	0.6	0	4.13	0	1000	12	0	5.05		
05181	113984	27	34	310	85	0.5	0	5.90	8	360	21	1	3.92		
05181	113985	44	5	116	93	0.0	0	6.80	20	300	10	0	3.52		
05181	113986	21	24	83	42	0.1	0	3.36	10	600	12	2	3.61		
05181	113987	20	29	100	16	0.2	1	3.00	0	540	13	2	3.22		
05181	113988	27	10	99	86	0.2	0	3.60	4	380	7	2	3.47		
05181	113989	33	14	216	98	0.4	0	3.75	16	800	12	1	3.31		
05181	113990	38	23	320	130	0.7	2	7.30	16	600	21	0	3.22		
05181	113991	5	8	27	16	0.2	0	0.69	10	280	6	2	3.67		
05181	113992	15	10	51	31	0.0	0	2.23	10	970	8	2	3.80		
05181	113993	9	20	34	15	0.0	0	1.51	4	700	8	2	3.69		

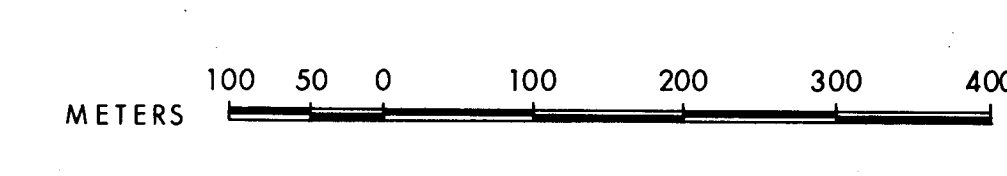
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 .NUMBER .TYPE .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA .AA

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05101	113995	24	23	93	54	0.0	0	4.40	0	1410	8	2	3.88			
05101	113996	6	22	40	14	0.2	0	1.42	0	1300	8	4	3.56			
05101	113997	14	35	64	19	0.4	0	1.83	10	750	10	2	3.54			
05101	113998	45	22	72	33	0.0	0	4.18	0	180	11	2	3.72			
05101	113999	16	16	56	22	0.0	0	1.92	0	1420	5	4	3.49			
05101	114400	12	16	44	12	0.0	0	1.77	0	400	10	3	3.57			
05101	114501	19	42	75	23	0.0	0	4.60	0	300	9	2	3.94			
05101	114502	17	25	72	19	0.0	0	5.20	6	210	10	2	3.05			
05101	114503	14	26	64	14	0.0	0	3.96	4	370	11	3	3.63			
05101	114504	13	16	47	12	0.0	0	2.08	0	160	25	2	3.66			
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05101	114506	27	24	90	32	0.0	0	5.10	0	520	12	2	3.75			
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05101	114551	14	16	30	5	0.0	1	2.52	42	160	12	2	3.03			
05101	114552	25	83	120	11	0.1	0	5.40	96	240	19	11	3.19			



- 8 BASIC INTRUSIONS, DYKES OF DIORITE, DIABASE, AND LAMPROPHYRE
 - 7 ACIDIC INTRUSIONS, DYKES OF RHYOLITE PORPHYRY
- CARIBOO GROUP**
- 6 UPPER SNOWSHOE MEMBER: LIMESTONE CHLORITE SCHIST
 - 5 SNOWSHOE FORMATION: QUARTZITE, CONGLOMERATE
 - 4 MIDAS FORMATION: BLACK SILTY QUARTZITE, ARGILLACEOUS, SCHIST, LIMESTONE
 - 3 YANKEE BELL QUARTZITE: WHITE QUARTZITE
 - 2 YANKEE BELLE FORMATION: QUARTZITE, PHYLITE, CHLORITE SCHIST
 - 1 CUNNINGHAM LIMESTONE: LIMESTONE
- GEOLOGICAL BOUNDARY: DEFINED ——— APPROXIMATE - - - ASSUMED ·····
- BEDDING INCLINED, OVERTURNED, VERTICAL ——— X X
 - FOLD AXIS PLUNGING, HORIZONTAL ———
 - ANTICLINAL AXIS OVERTURNED ———
 - FAULT DEFINED, APPROXIMATE ———
 - ADIT ———
 - TRAIL ———
 - ROAD ———

- 1 HIBERNIAN
- 2 MINERAL SHOWINGS
- 3 LANGLEY AND CONIAGAS ADITS
- 4 PENNY CREEK SCHEELITE SHOWING
- 5 PETER GULCH SCHEELITE SHOWING
- 6 CARIBOU HUDSON MINE
- 7 INTERNATIONAL GROUP



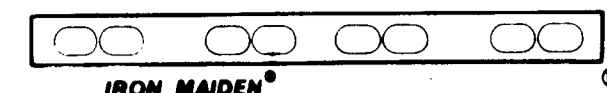
Suncor inc. Resources Group COAL AND MINERALS DEPARTMENT

ROUND TOP MOUNTAIN
PROPERTY GEOLOGY
CARIBOO LAKE AREA, B. C.

DATE: AUGUST 1981 SCALE: 1:5000 N.T.S. 93A/14 DRAWING No. 82-074-A

(REVISED AFTER HOLLAND, S.S., 1953)

10,270

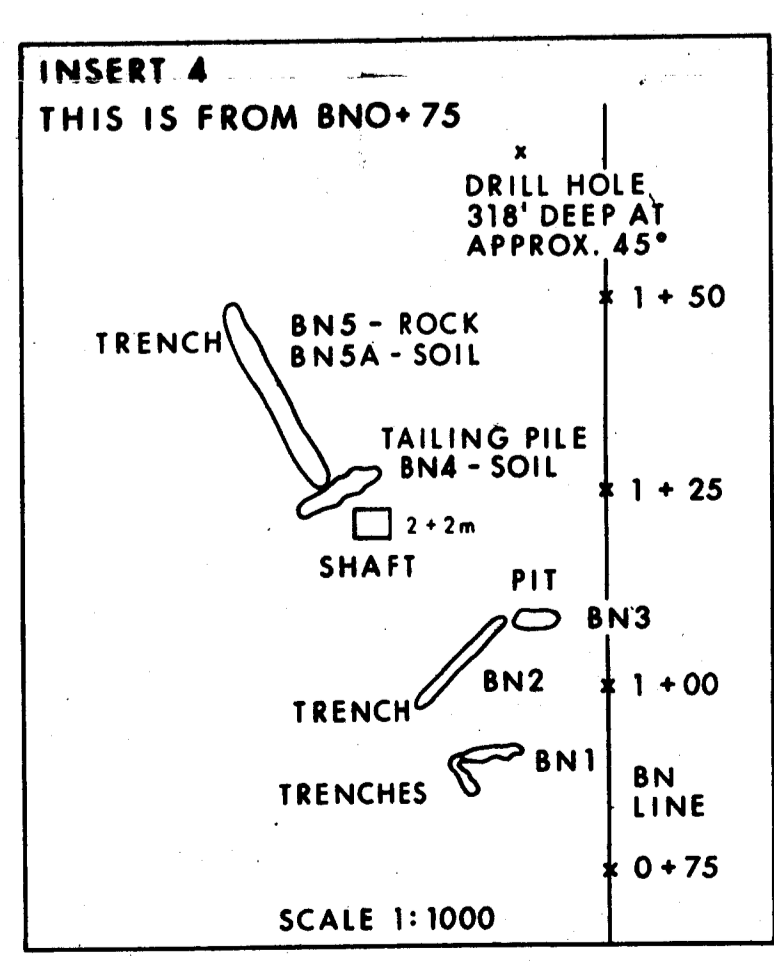
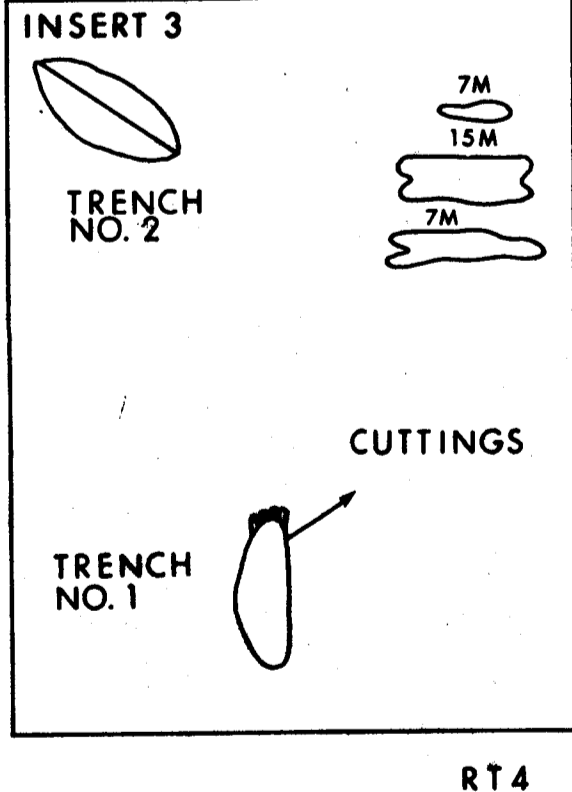
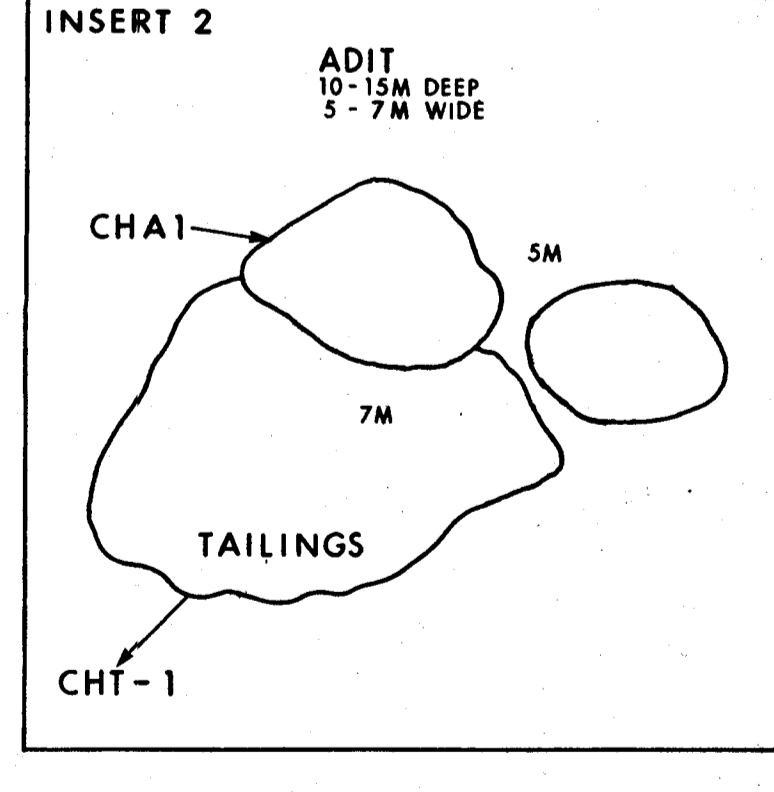
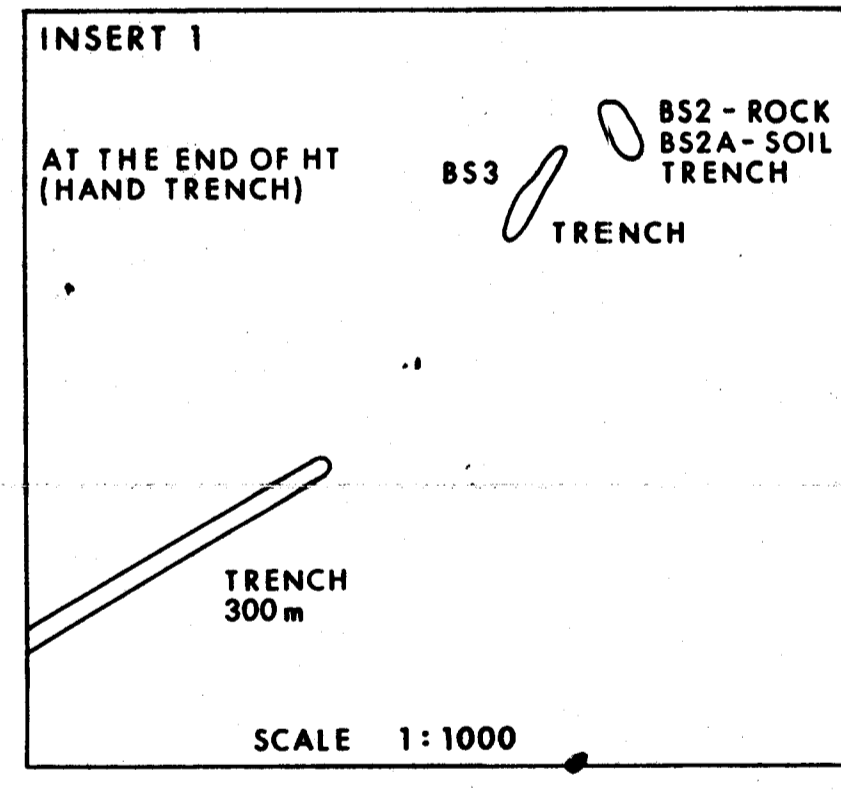
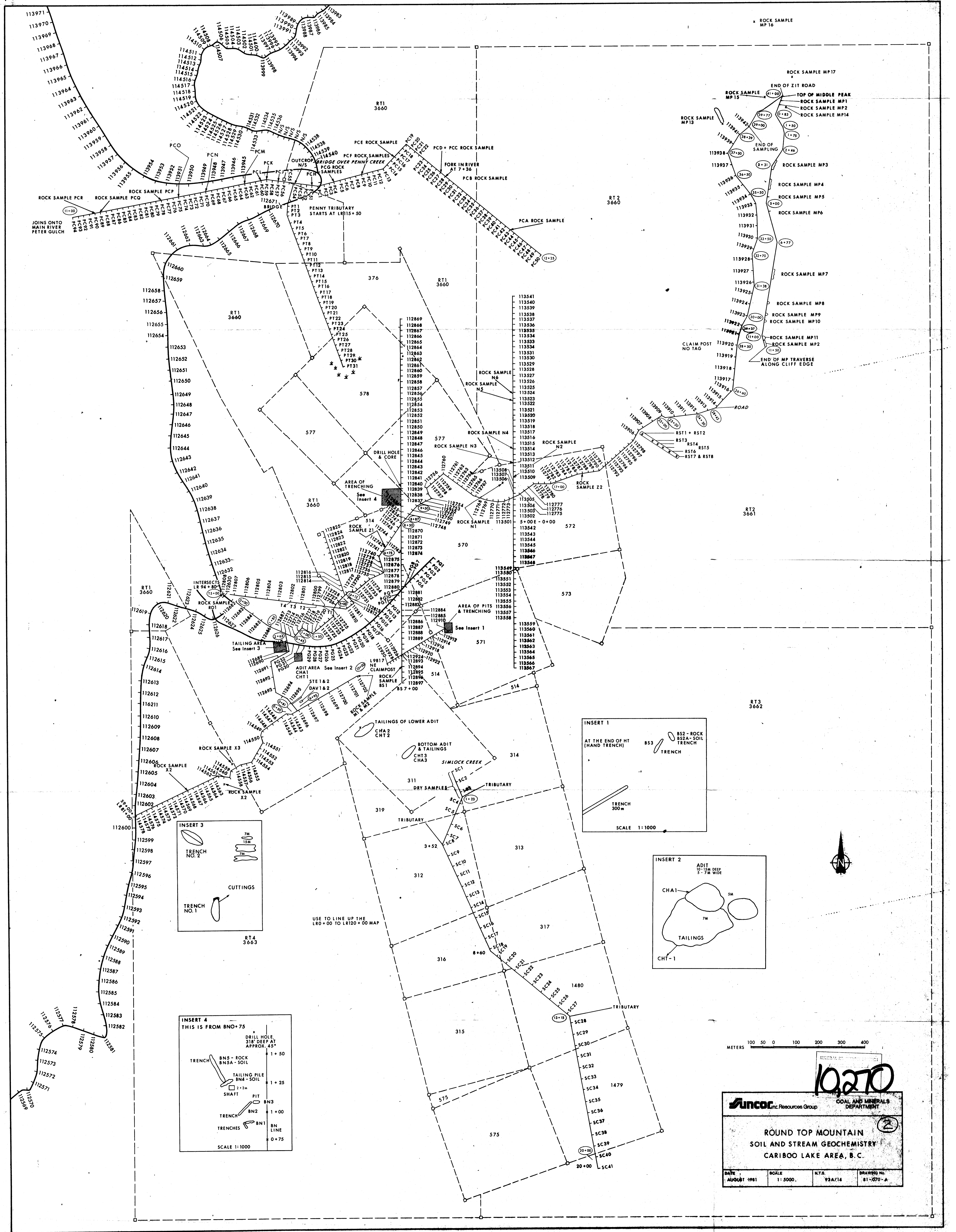


81-070-A

U.S.A. PATENT 4139 248-1979
CANADIAN PATENT PENDING
OTHER FOREIGN PATENTS PENDING



IRON MAIDEN SYSTEMS LTD. CALGARY, ALBERTA, CANADA



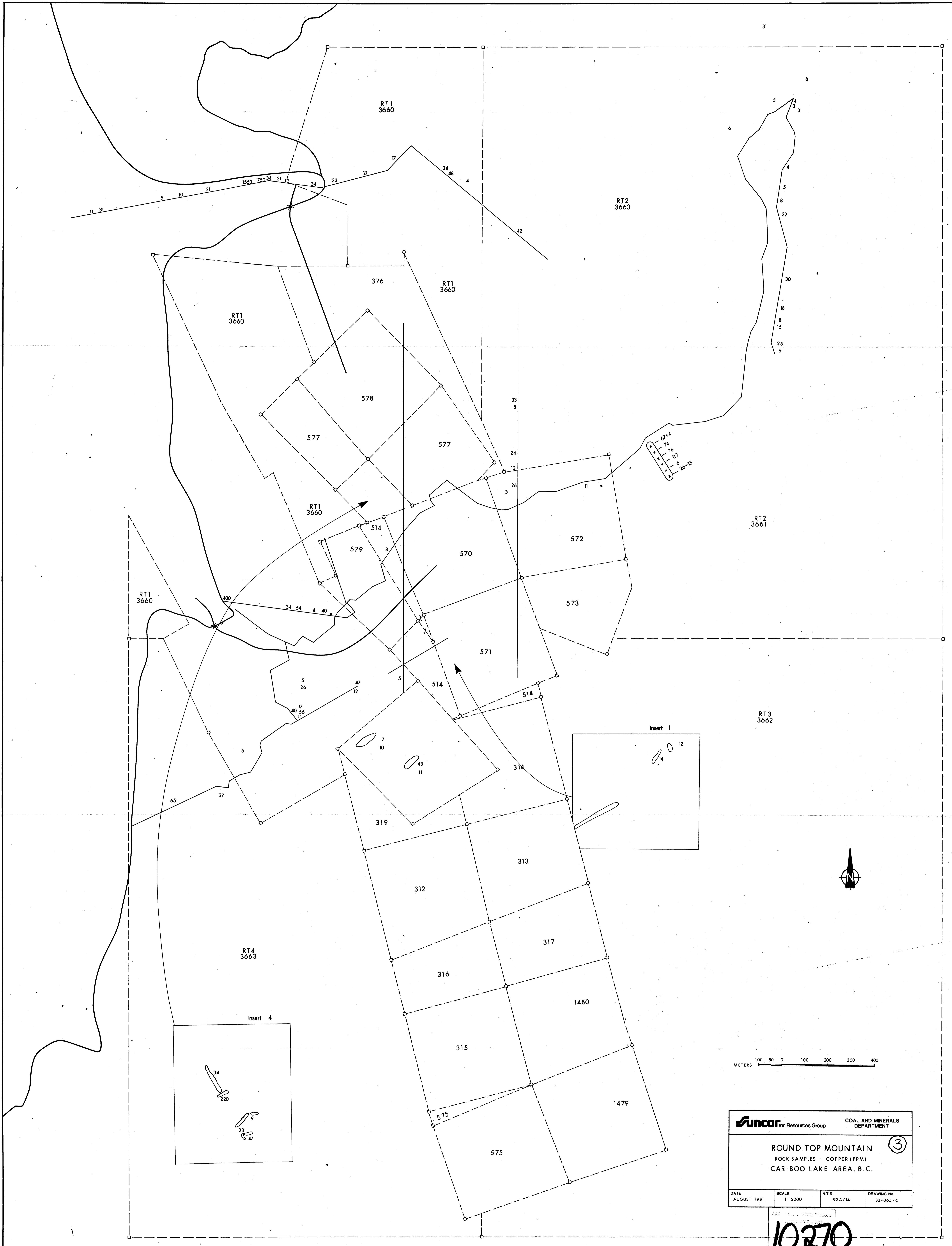
METERS 100 0 100 200 300 400


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Auncor Resources Group COAL AND MINERALS DEPARTMENT

**ROUND TOP MOUNTAIN
SOIL AND STREAM GEOCHEMISTRY
CARIBOO LAKE AREA, B.C.**

DATE	SCALE	N.T.S.	DRAWING NO.
AUGUST 1981	1:5000	93A/14	81-070-A

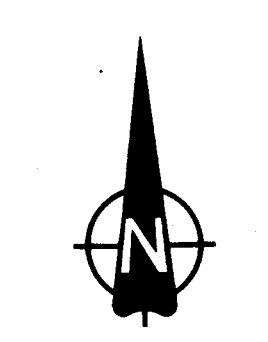
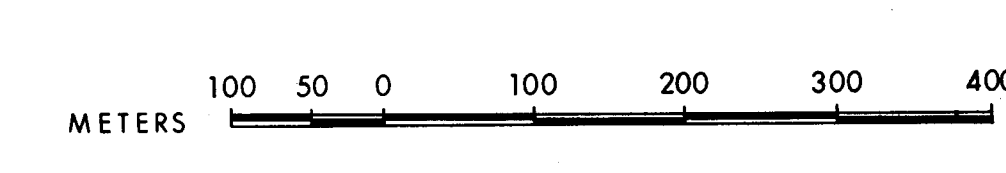
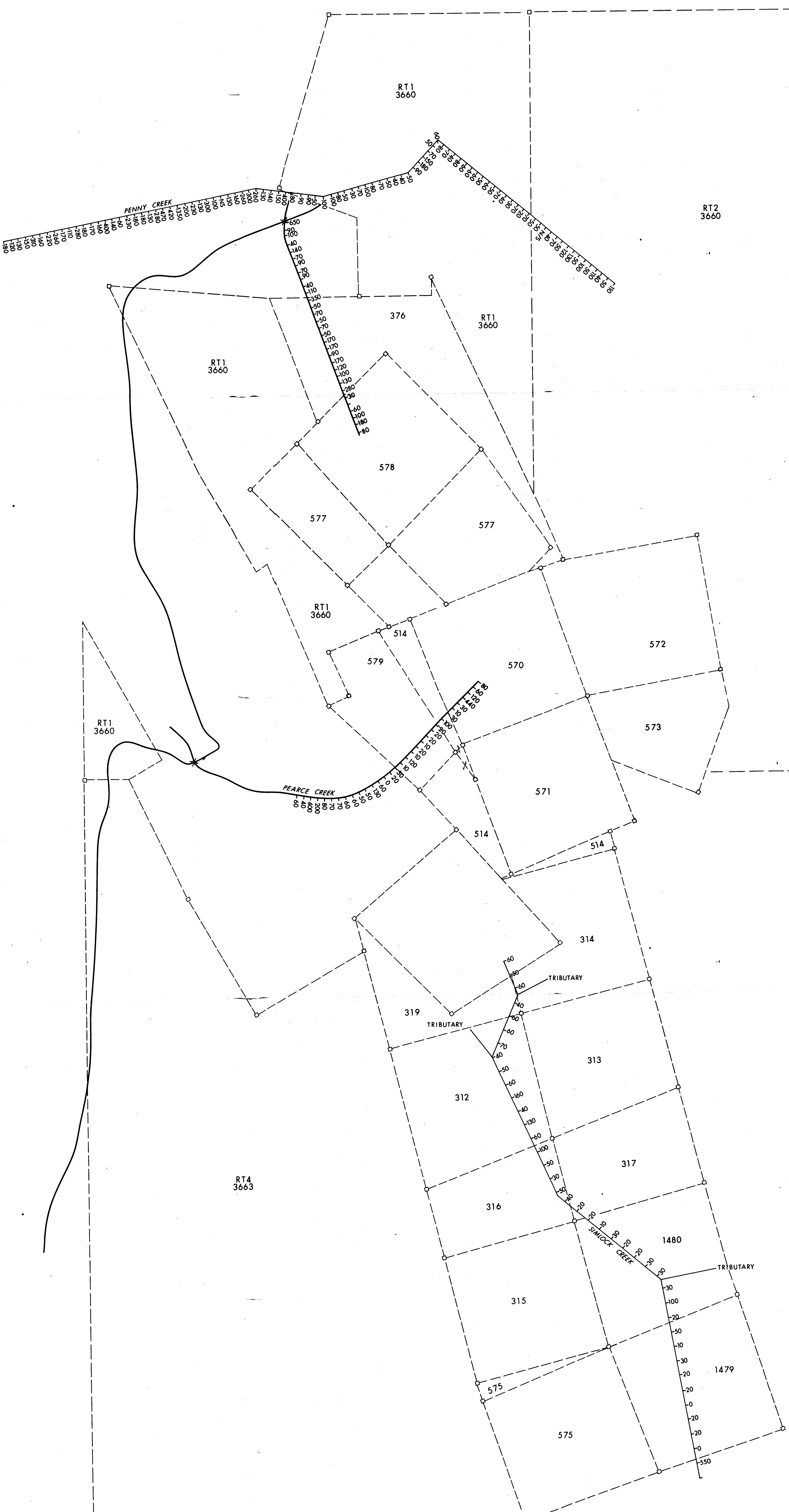


 Suncor Inc. Resources Group
 COAL AND MINERALS DEPARTMENT

ROUND TOP MOUNTAIN (3)
 ROCK SAMPLES - COPPER (PPM)
 CARIBOO LAKE AREA, B. C.

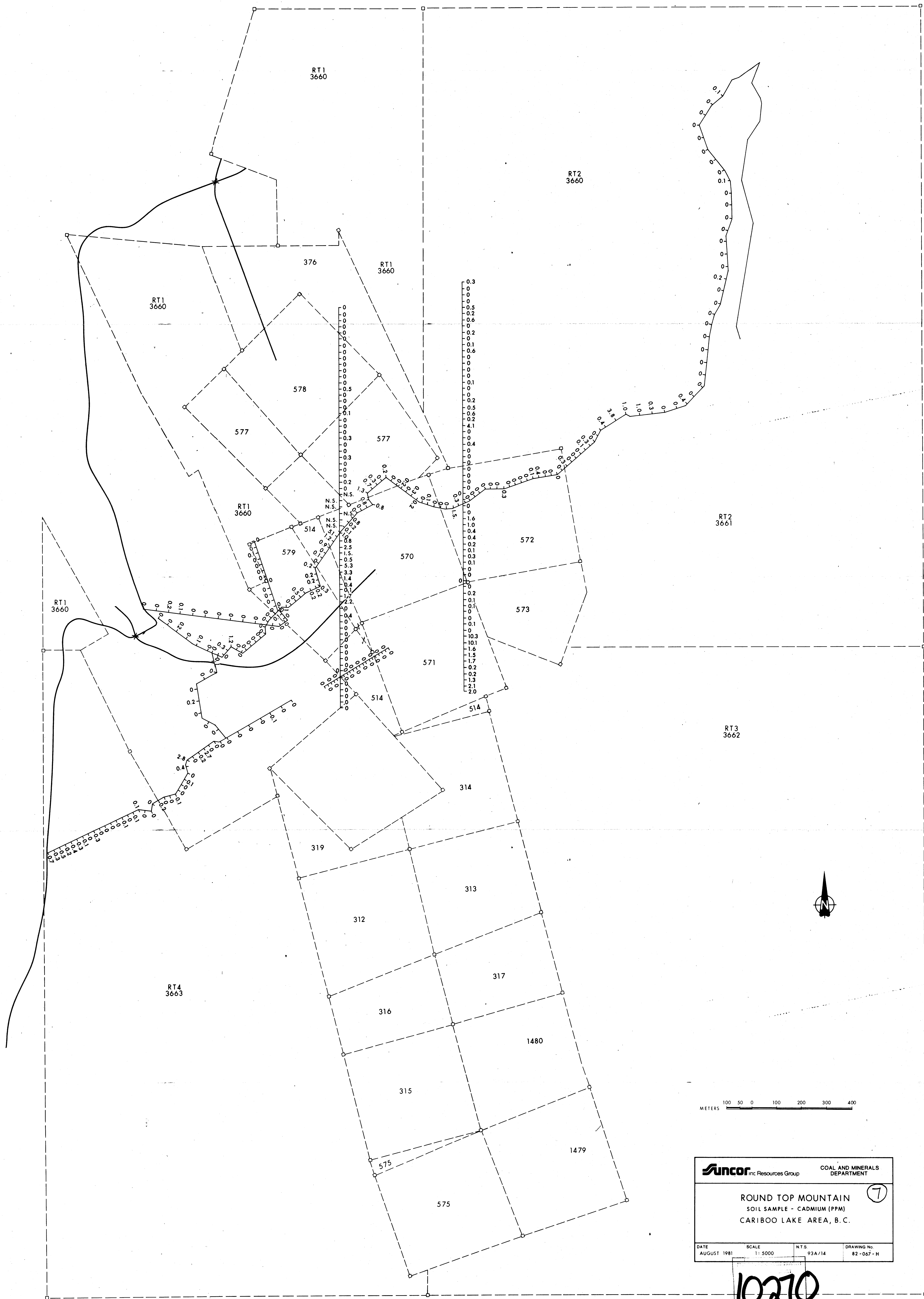
DATE AUGUST 1981	SCALE 1:5000	N.T.S. 93A/14	DRAWING No. 82-065-C
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Suncor Inc. Resources Group		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN (6) STREAM SEDIMENTS - SILVER (PPB) CARIBOO LAKE AREA, B. C.			
DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1: 5000	93A/14	82-066-H

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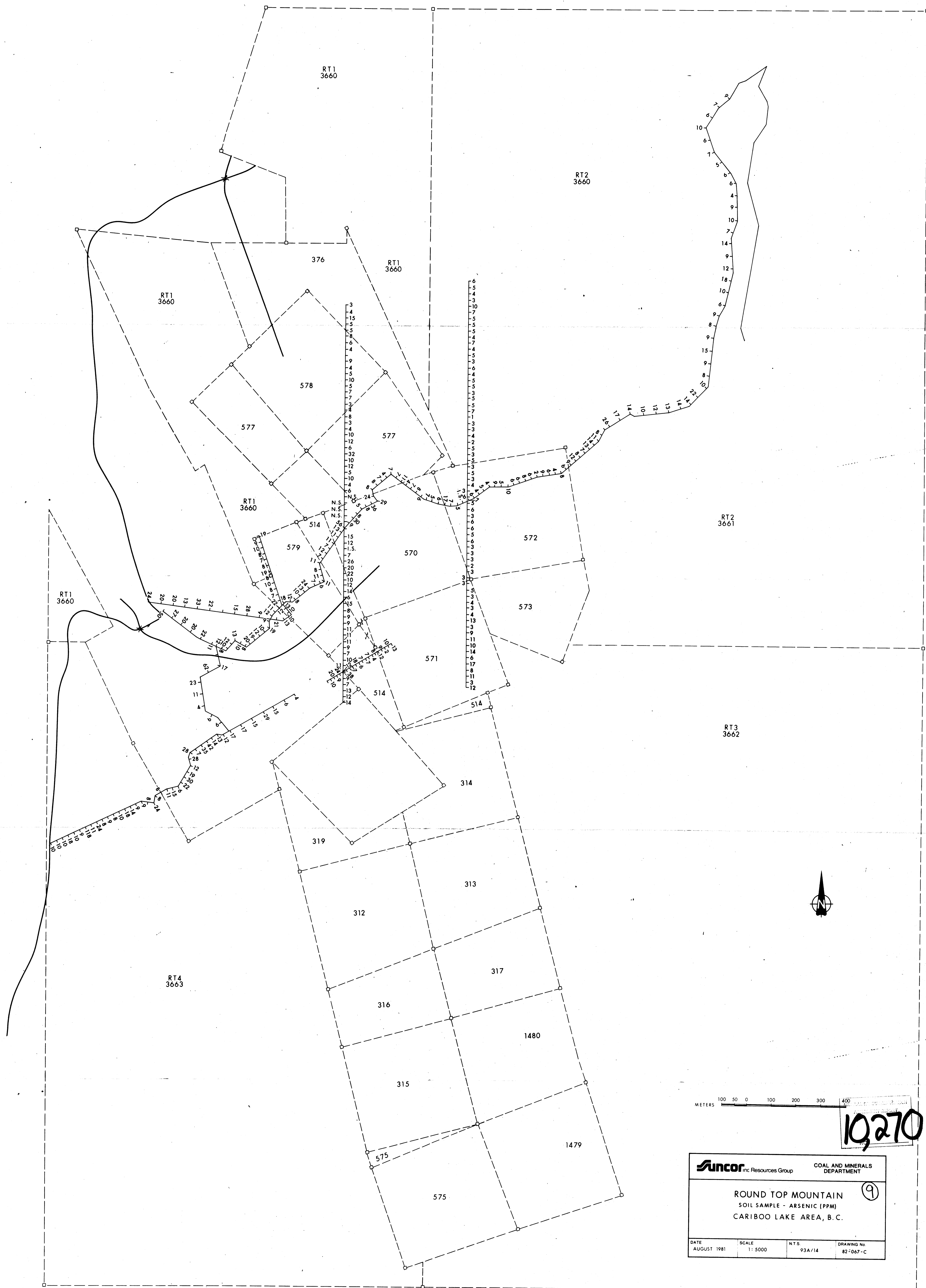


Suncor Inc Resources Group COAL AND MINERALS DEPARTMENT

ROUND TOP MOUNTAIN (7)
 SOIL SAMPLE - CADMIUM (PPM)
 CARIBOO LAKE AREA, B. C.

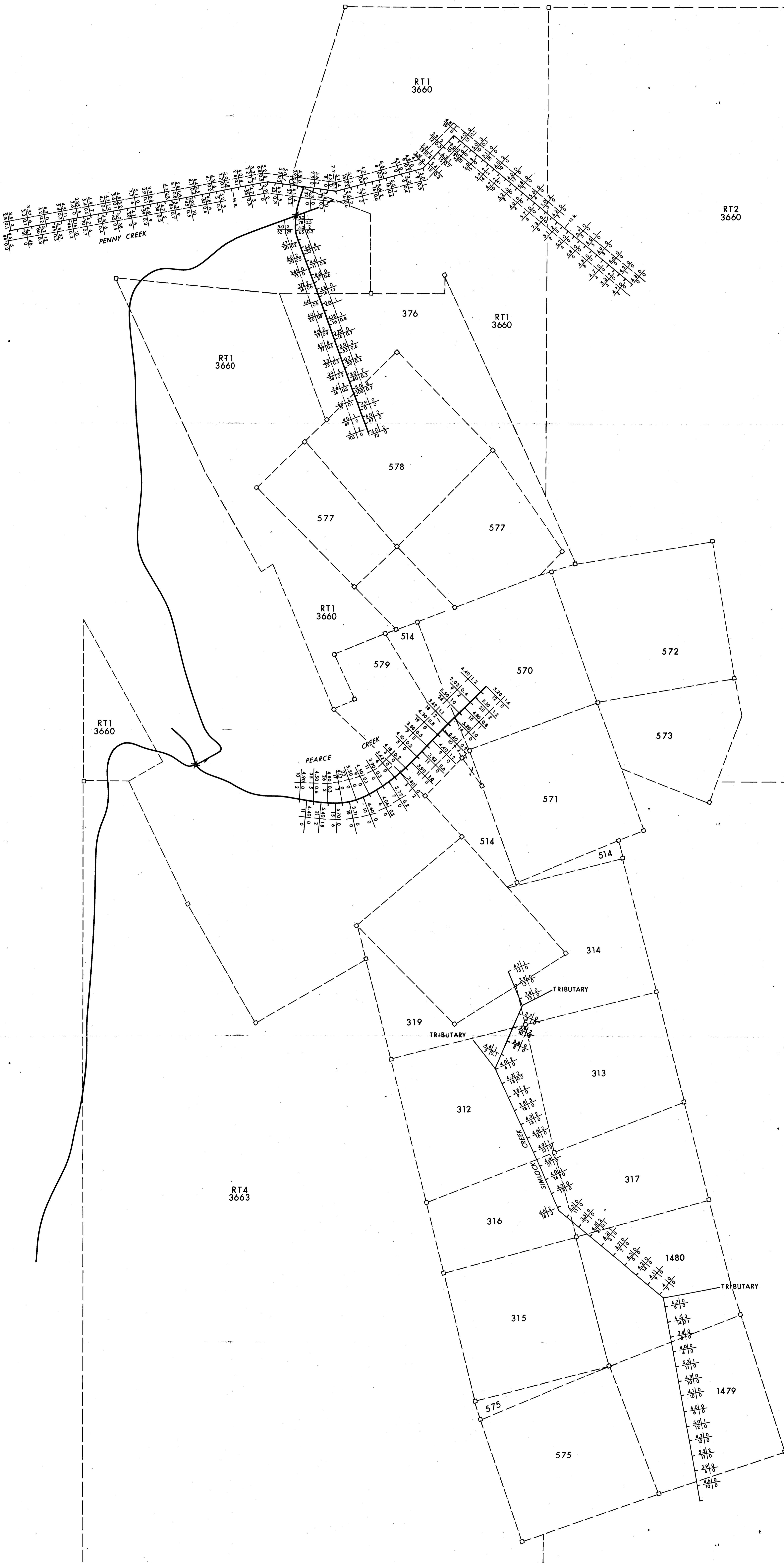
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AUGUST 1981	1:5000	93A/14	82-067-H

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Suncor Resources Group		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN			
SOIL SAMPLE - ARSENIC (PPM)			
CARIBOO LAKE AREA, B. C.			
DATE	SCALE	N.T.S.	DRAWING NO.
AUGUST 1981	1:5000	93A/14	82-067-C



RT2
3661

RT3
3662

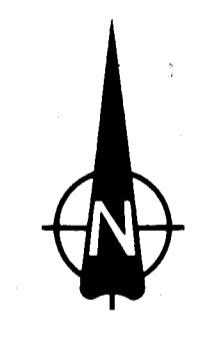
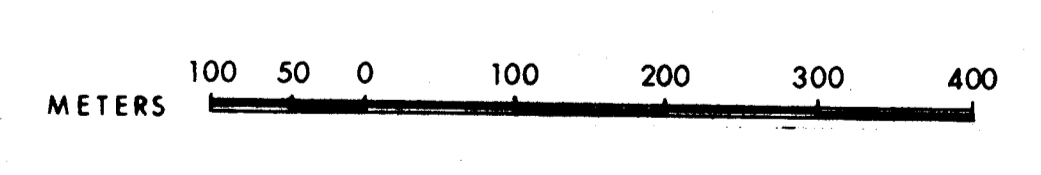
RT1
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RT1
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RT1
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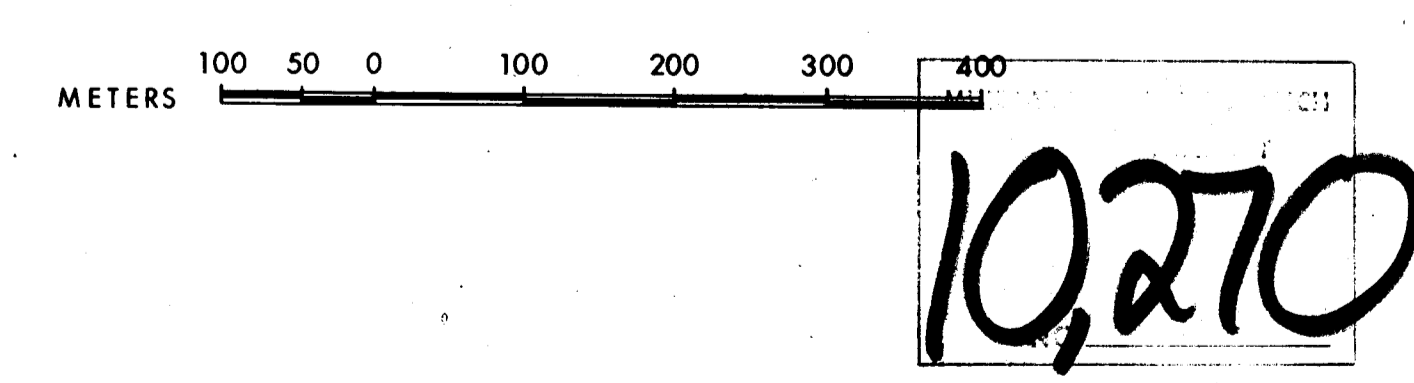
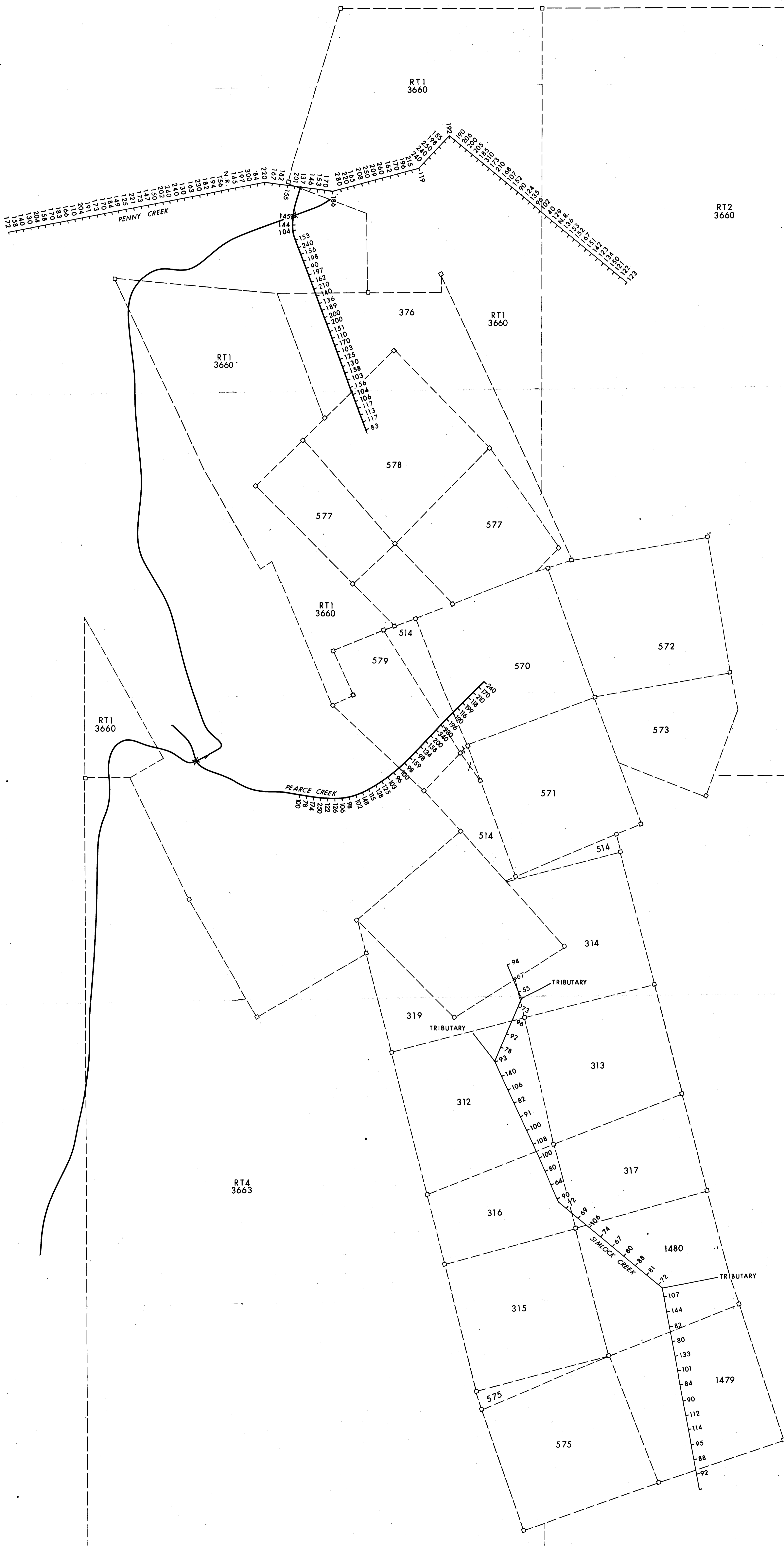
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3663

LEGEND		% IRON	PPM Cd
—	ROAD	PPM As	PPM W
- - -	CREEK		
□	CLAIM POST		



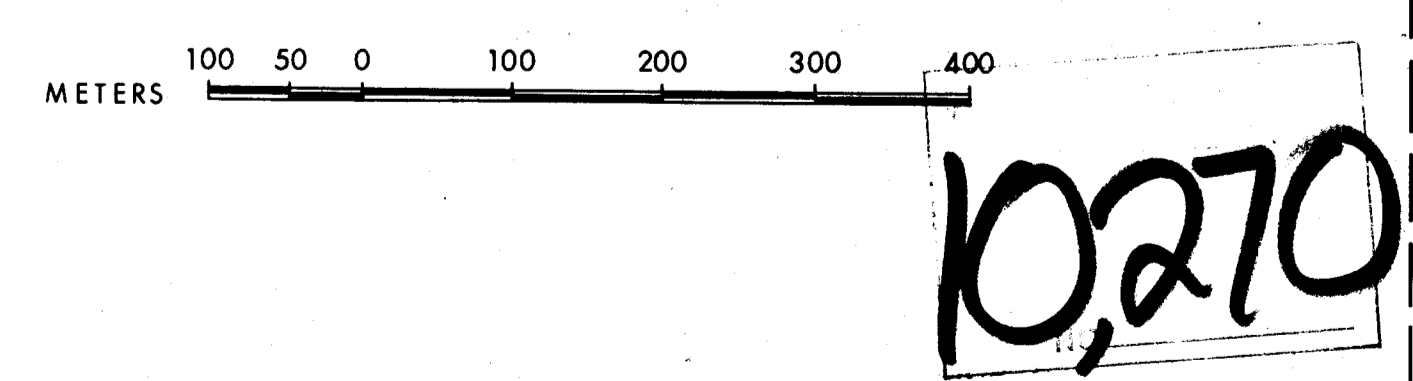
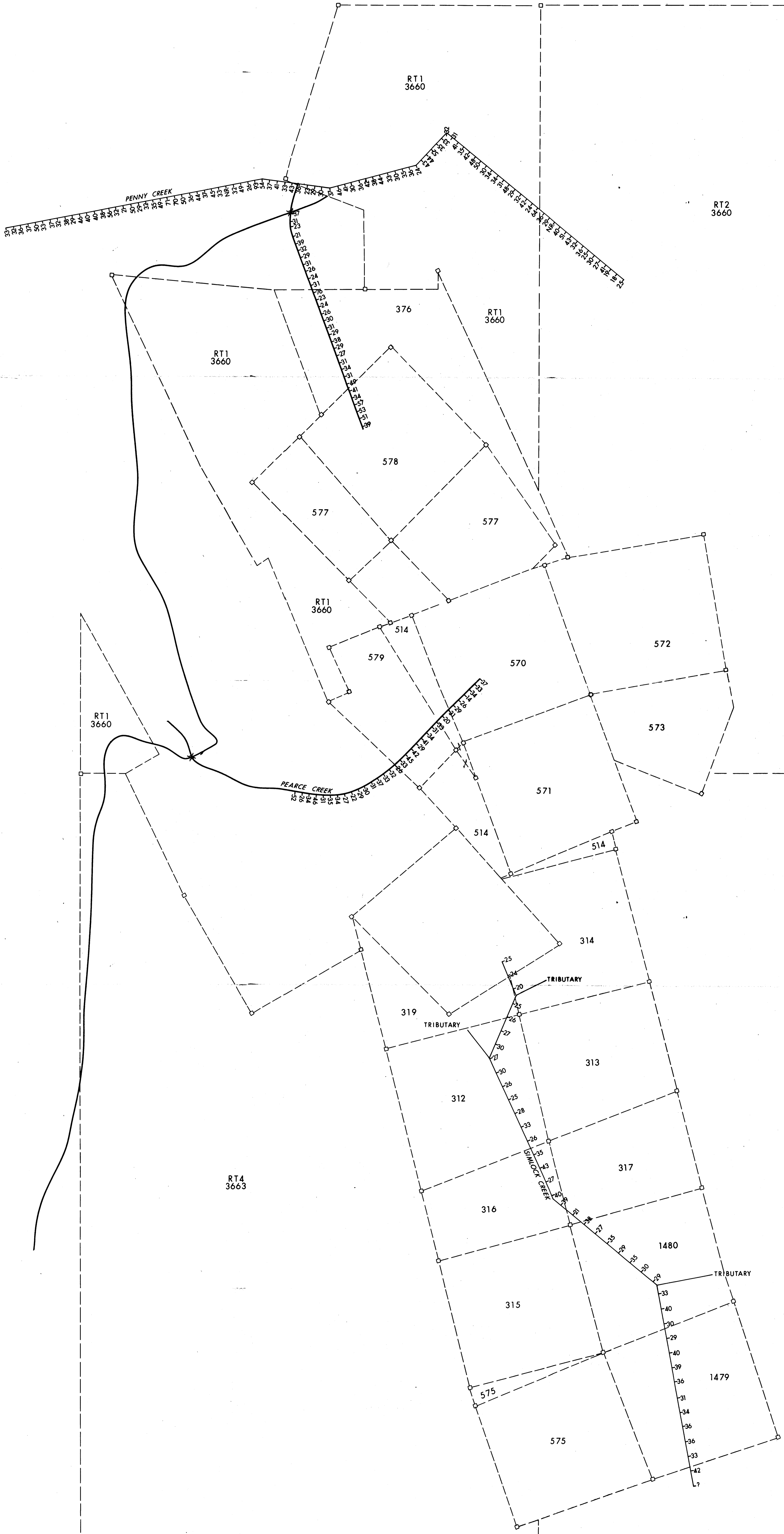
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Suncor Inc. Resources Group		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN			
STREAM SEDIMENTS			
% IRON, CADMIUM, ARSENIC & TUNGSTEN (PPM)			
CARIBOO LAKE AREA, B. C.			
DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1:5000	93A/14	82-066-C



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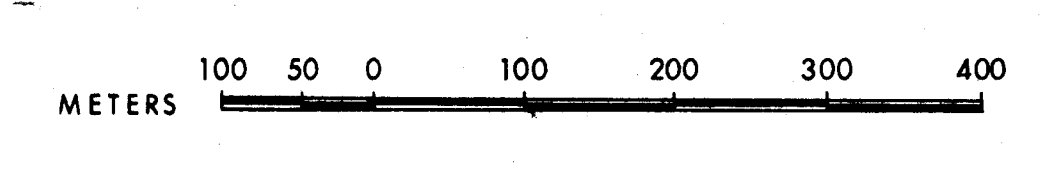
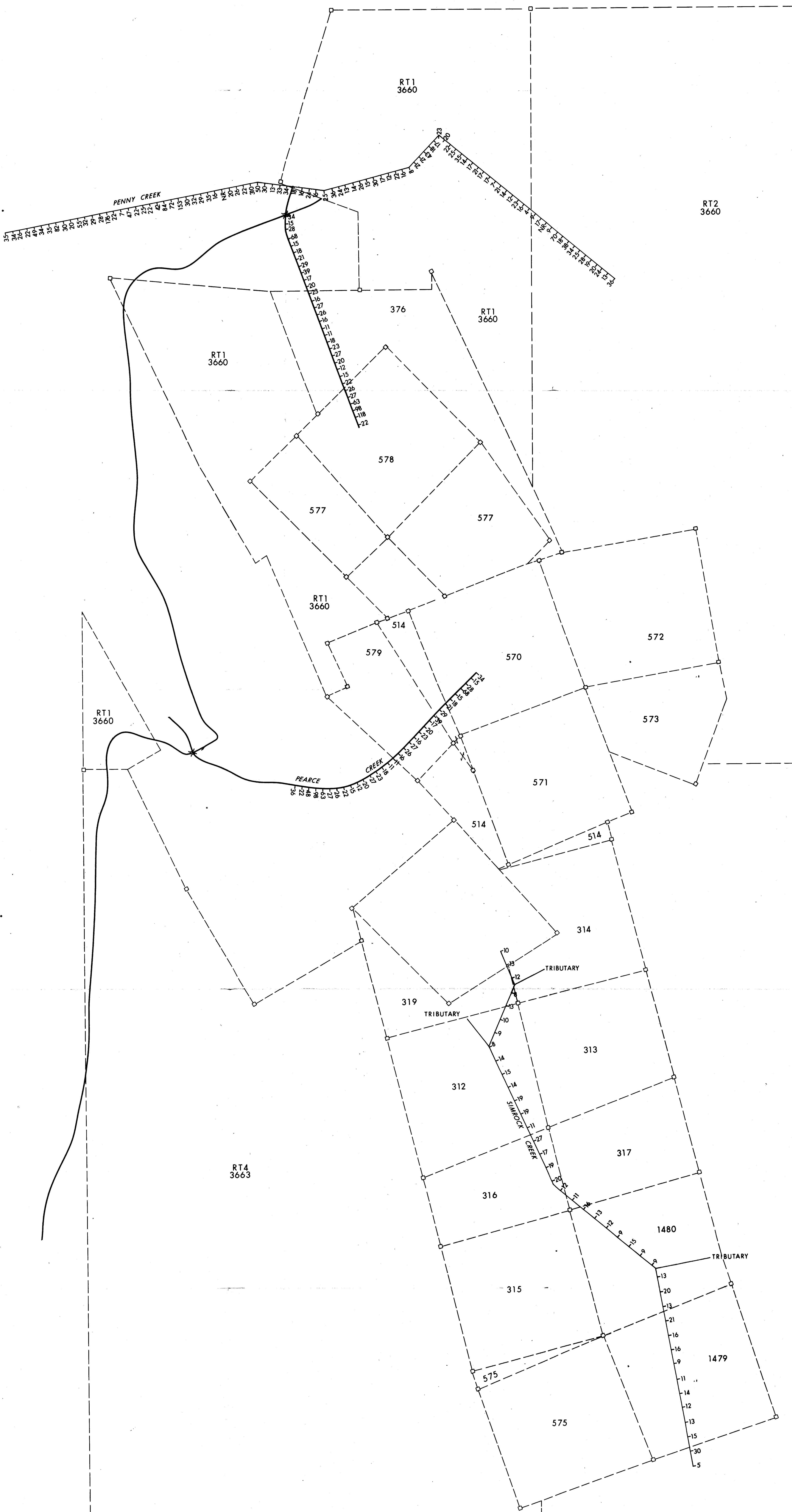
		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN			
STREAM SEDIMENTS - ZINC (PPM)			
CARIBOO LAKE AREA, B.C.			
DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1: 5000	93A/14	82-066-E



Suncor Inc. Resources Group COAL AND MINERALS DEPARTMENT

ROUND TOP MOUNTAIN (12)
 STREAM SEDIMENTS - COPPER (PPM)
 CARIBOO LAKE AREA, B.C.

DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1: 5000	93A/14	82-066-F

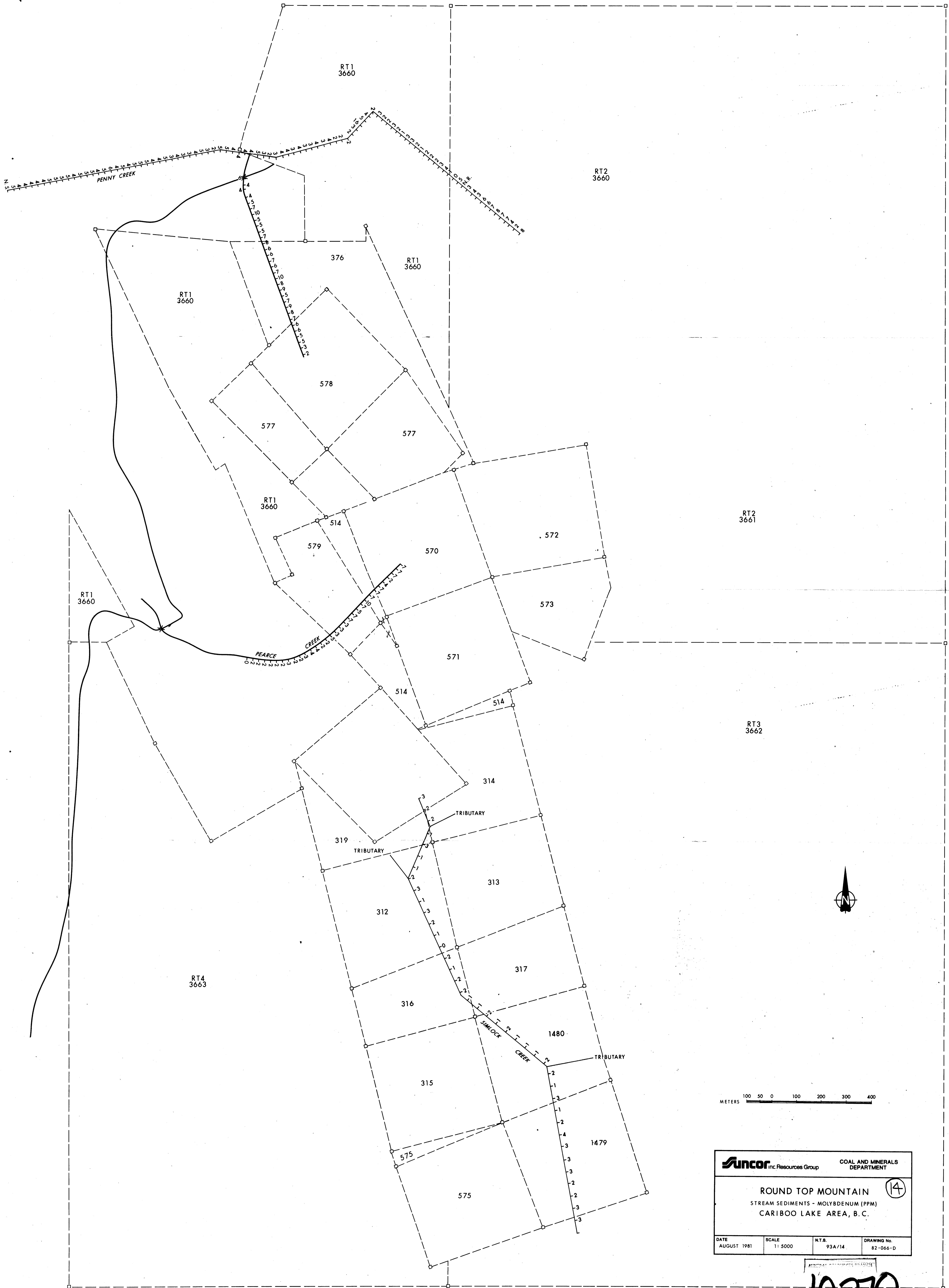


Suncor Inc. Resources Group COAL AND MINERALS DEPARTMENT

ROUND TOP MOUNTAIN (13)
 STREAM SEDIMENTS - LEAD (PPM)
 CARIBOO LAKE AREA, B.C.

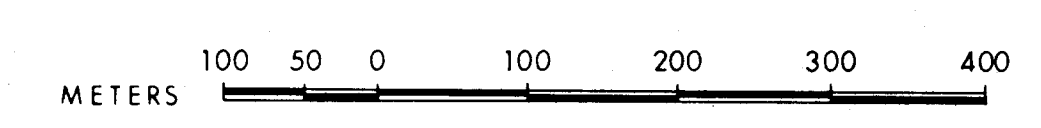
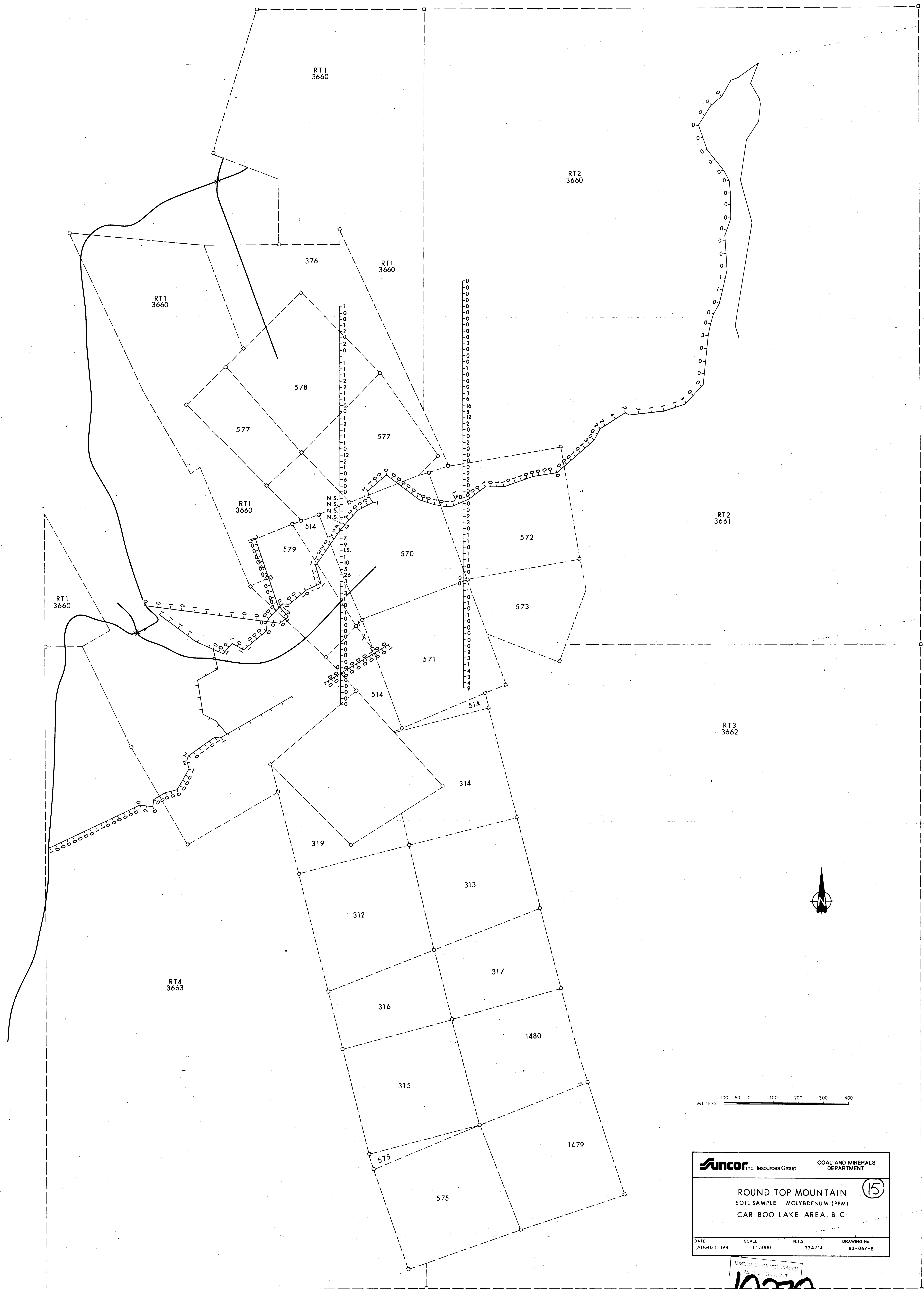
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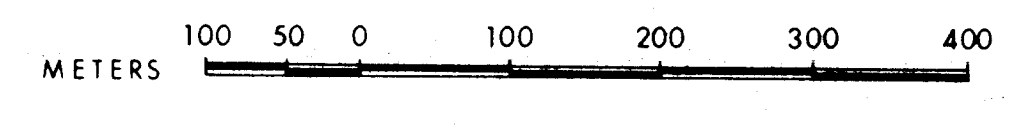
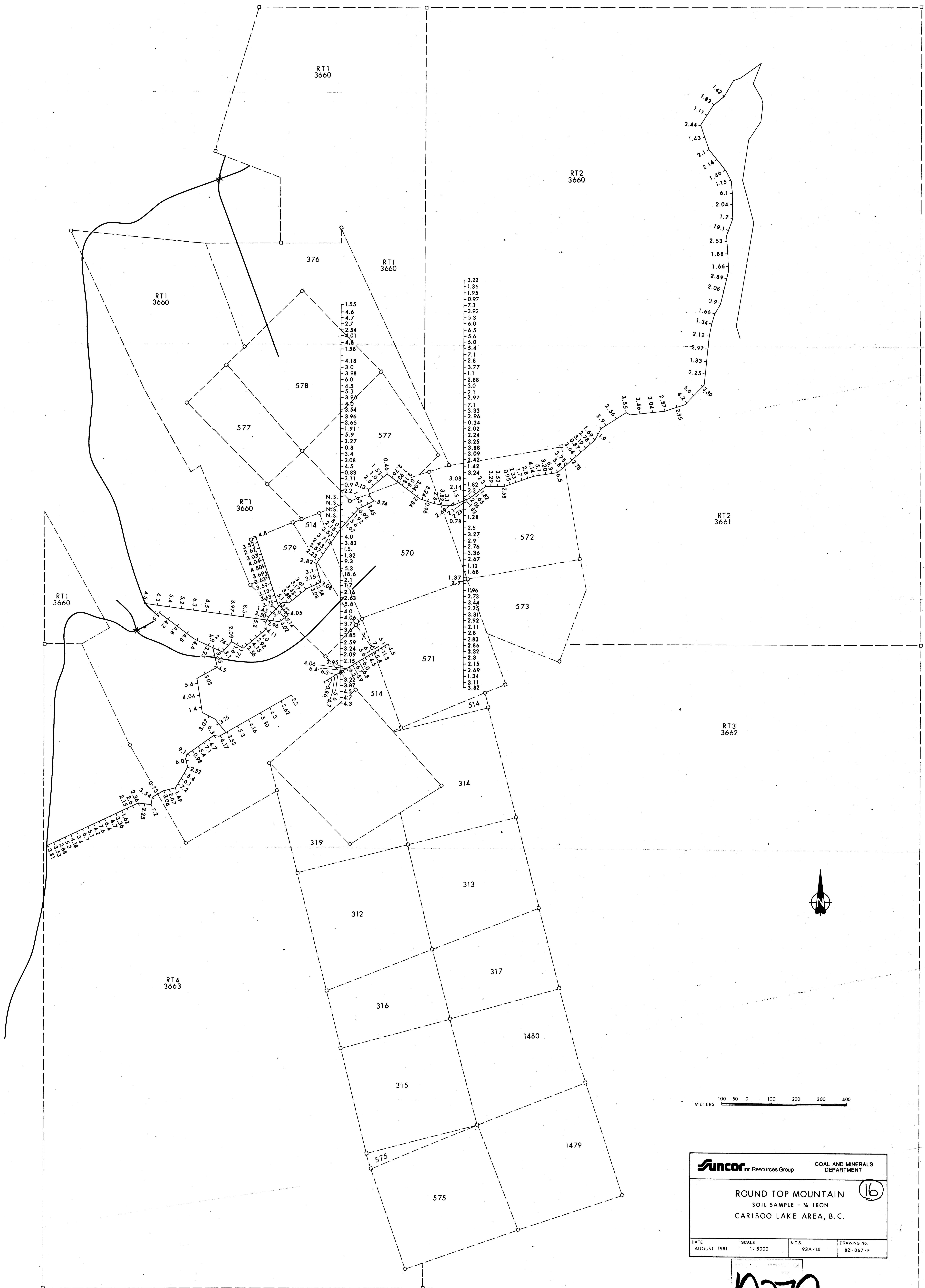
Suncor Inc. Resources Group		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN			
STREAM SEDIMENTS - MOLYBDENUM (PPM)			
CARIBOO LAKE AREA, B. C.			
DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1:5000	93A/14	82-066-D

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Suncor Inc Resources Group		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN (15)			
SOIL SAMPLE - MOLYBDENUM (PPM)			
CARIBOO LAKE AREA, B. C.			
DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1:5000	93A/14	82-067-E

MINERAL RESOURCES BRANCH
 APPROVED FOR
 10270

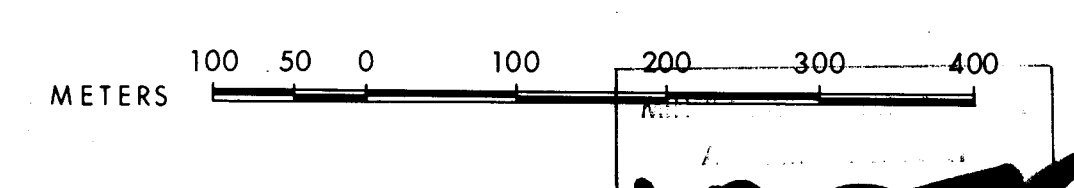
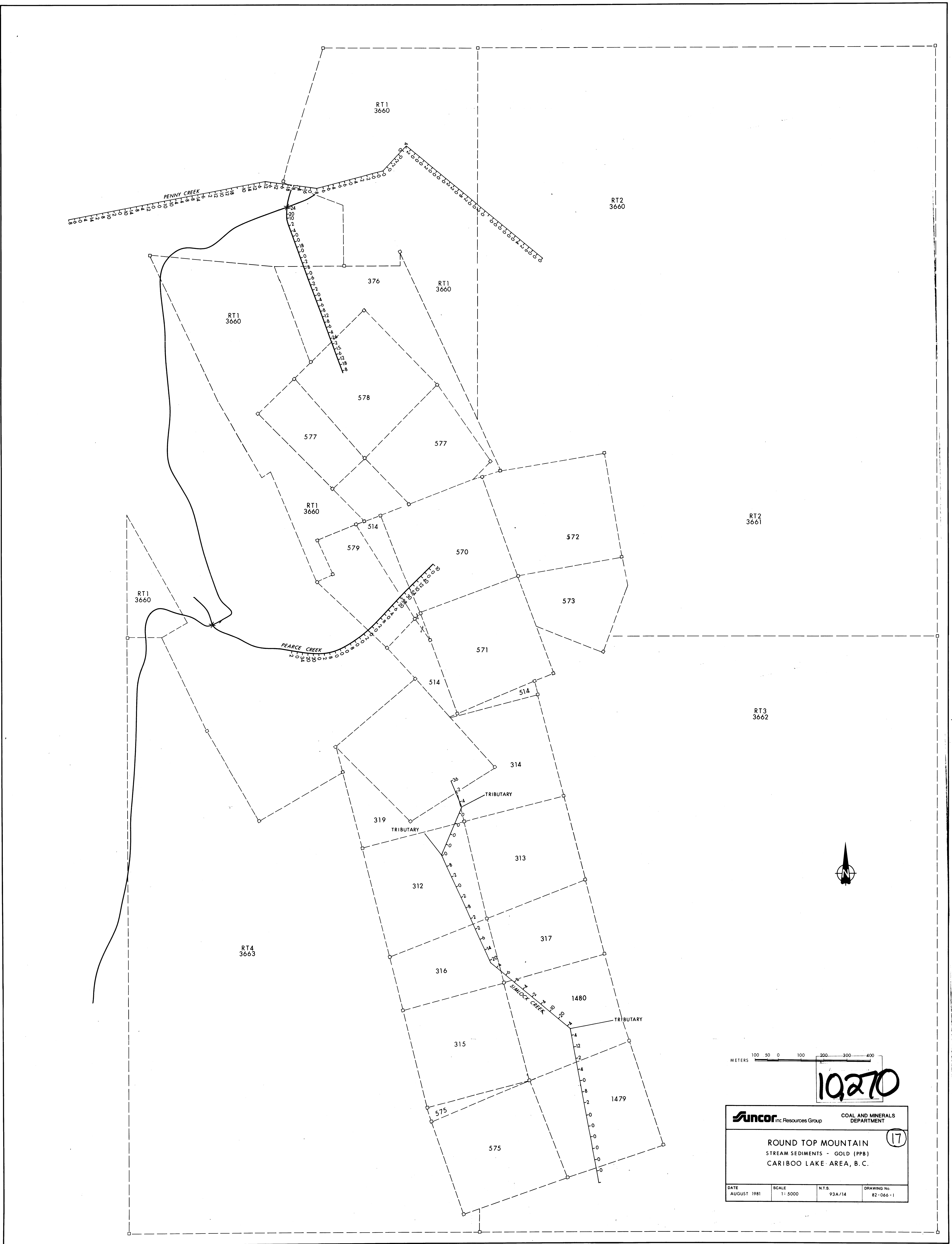


Suncor Inc Resources Group COAL AND MINERALS DEPARTMENT

ROUND TOP MOUNTAIN (16)
 SOIL SAMPLE - % IRON
 CARIBOO LAKE AREA, B.C.

DATE AUGUST 1981	SCALE 1:5000	N.T.S. 93A/14	DRAWING NO. 82-067-F
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10,270

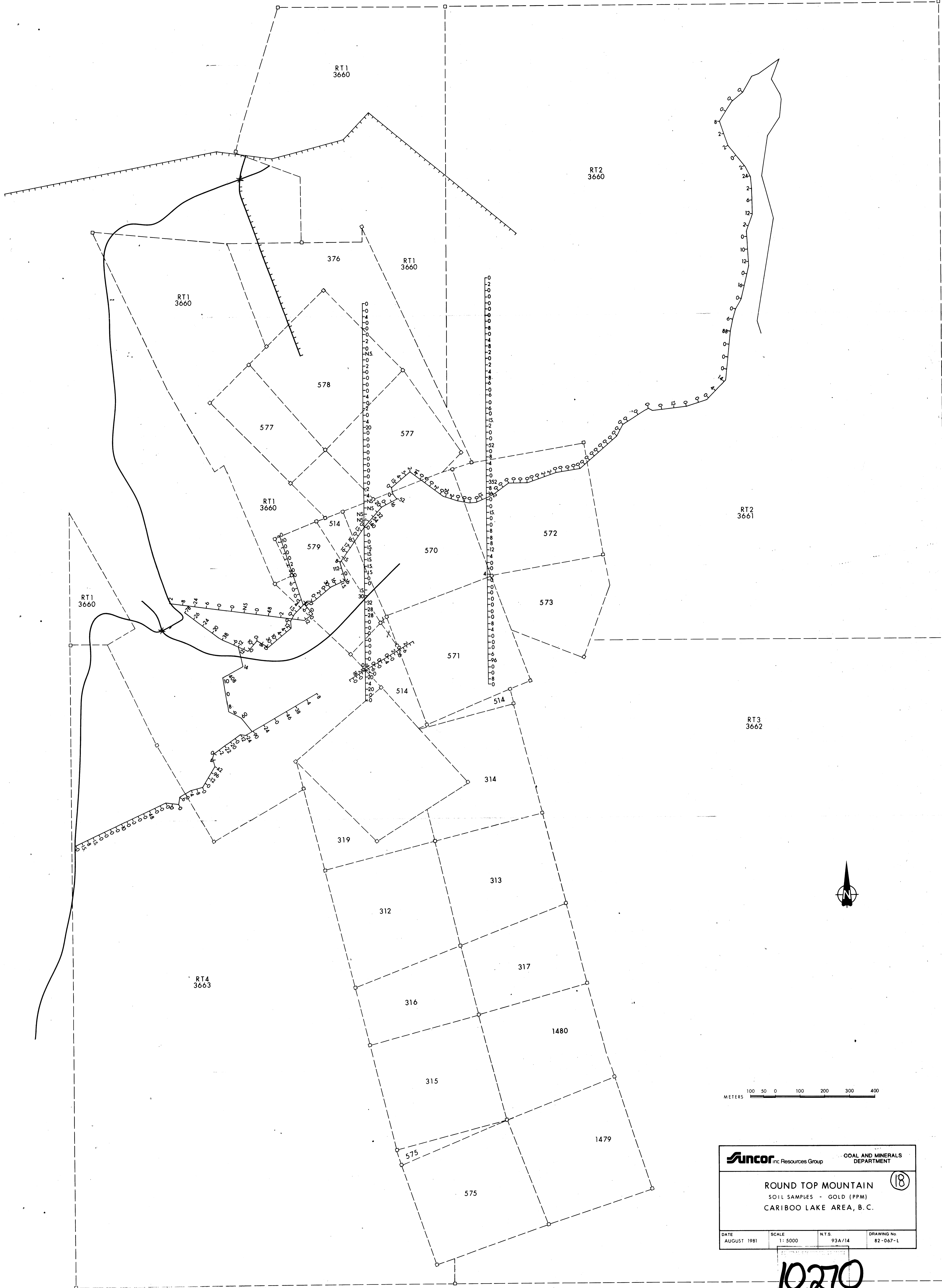


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Suncor inc Resources Group COAL AND MINERALS DEPARTMENT

ROUND TOP MOUNTAIN (17)
 STREAM SEDIMENTS - GOLD (PPB)
 CARIBOO LAKE AREA, B.C.

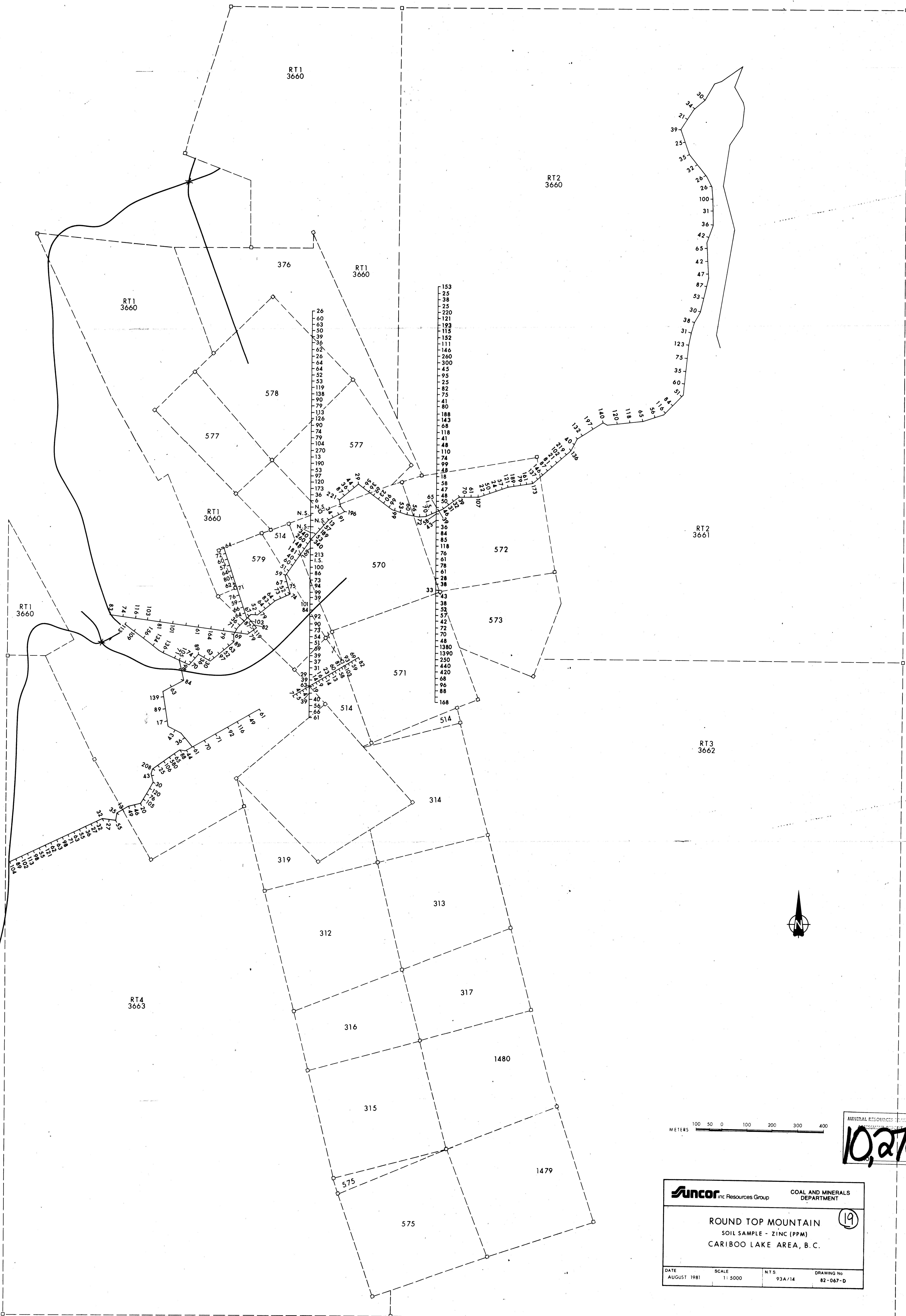
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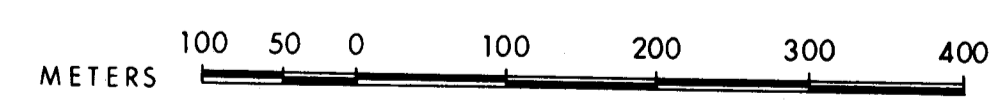
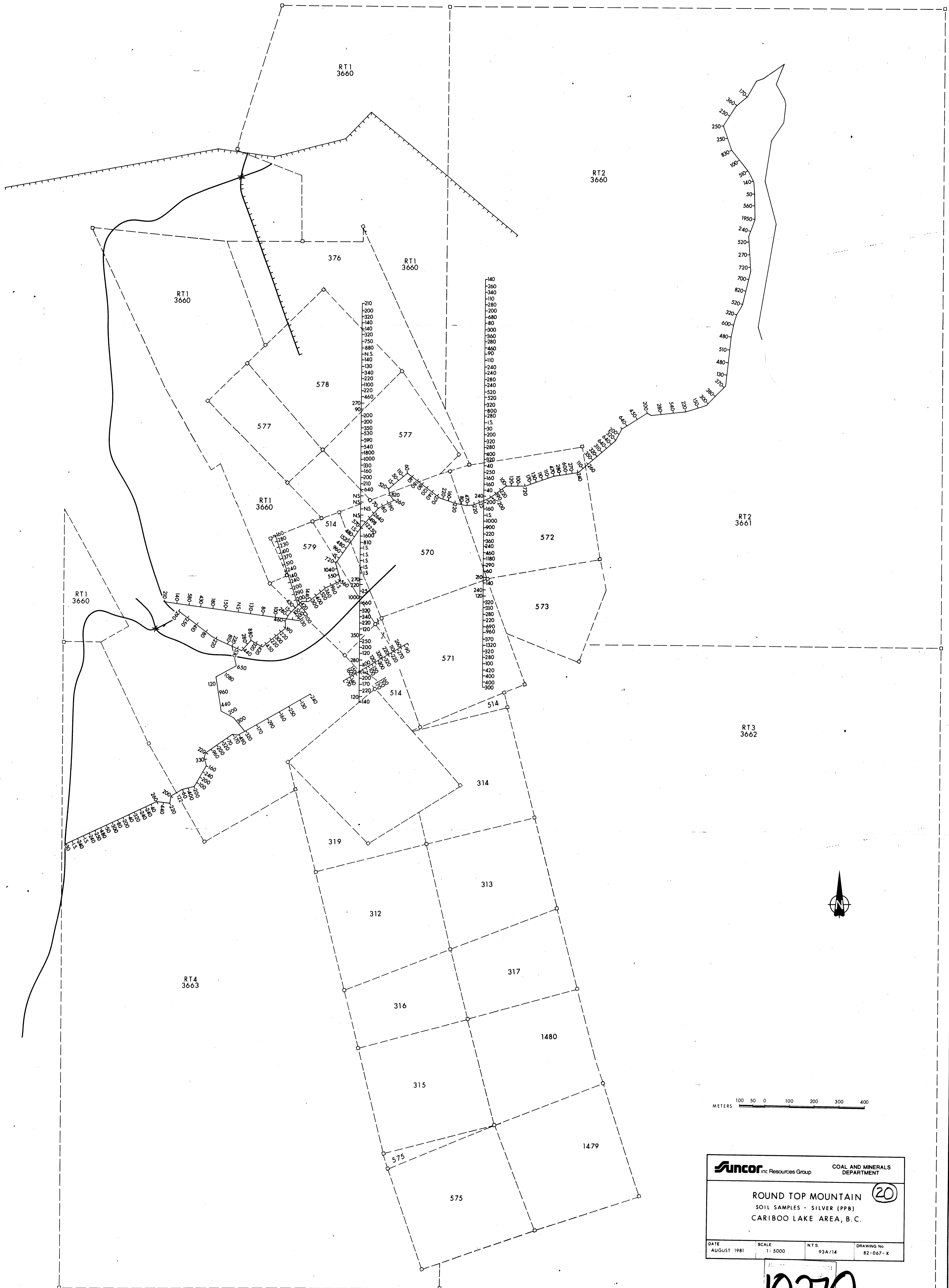
Suncor Inc Resources Group		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN			
SOIL SAMPLES - GOLD (PPM)			
CARIBOO LAKE AREA, B. C.			
DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1:5000	93A/14	82-067-L

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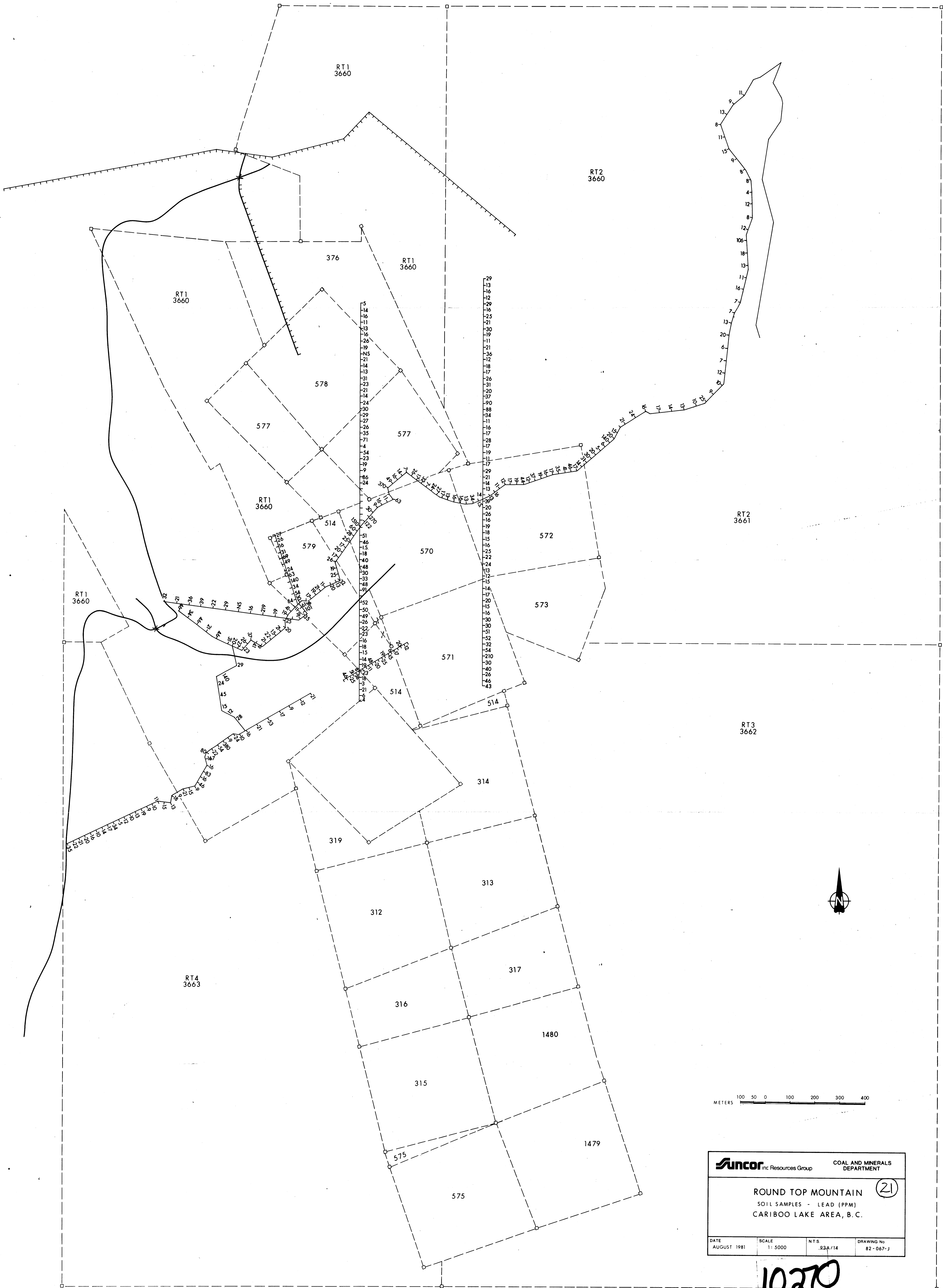
MINERAL RESOURCES DIVISION
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Suncor Inc. Resources Group		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN SOIL SAMPLE - ZINC (PPM) CARIBOO LAKE AREA, B. C.			
DATE AUGUST 1981	SCALE 1:5000	NTS 93A/14	DRAWING No. 82-067-D



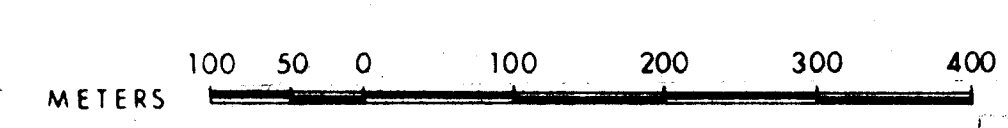
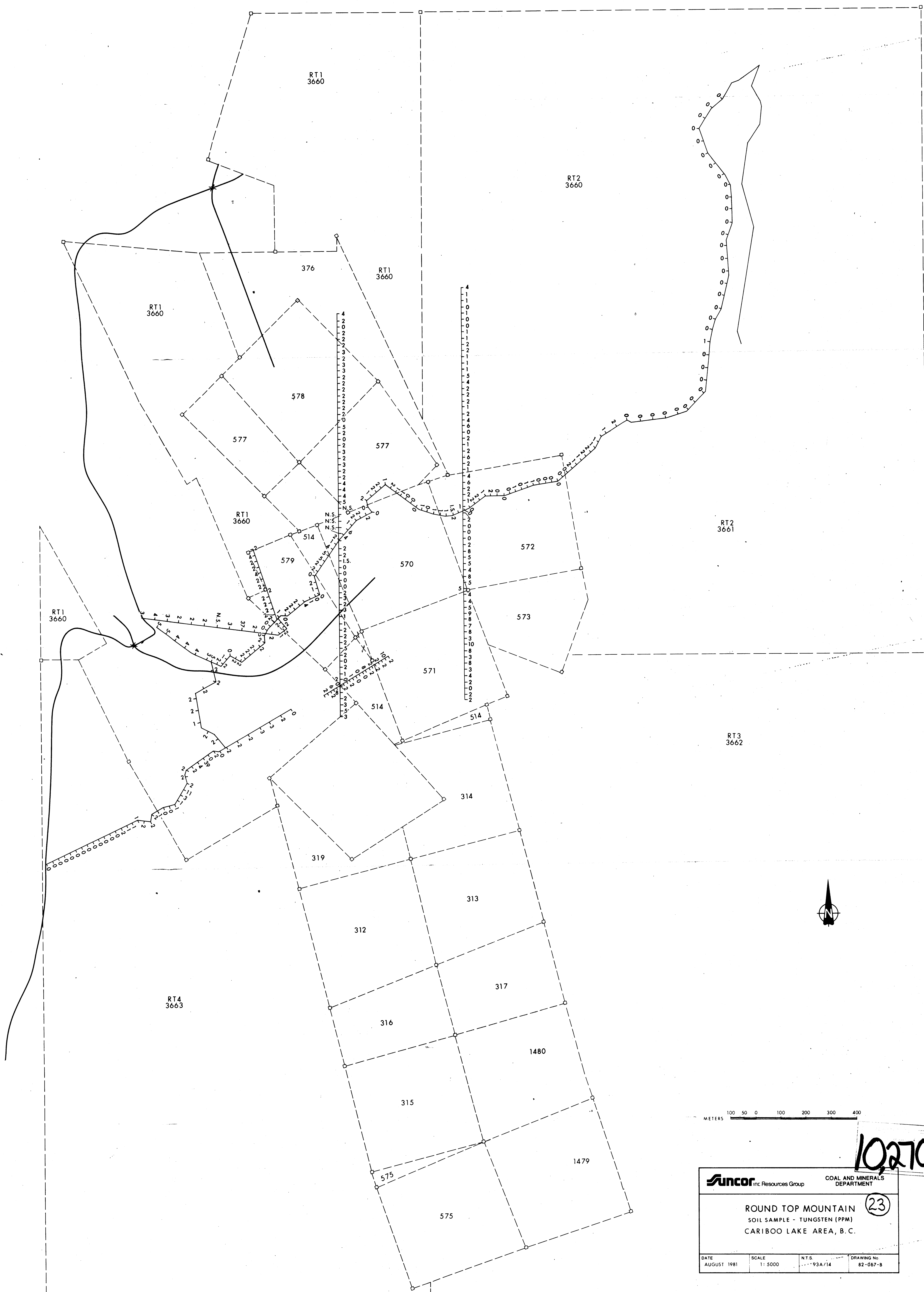
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ROUND TOP MOUNTAIN (20)			
SOIL SAMPLES - SILVER (PPB)			
CARIBOO LAKE AREA, B.C.			
DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1:5000	93A/14	82-067-K

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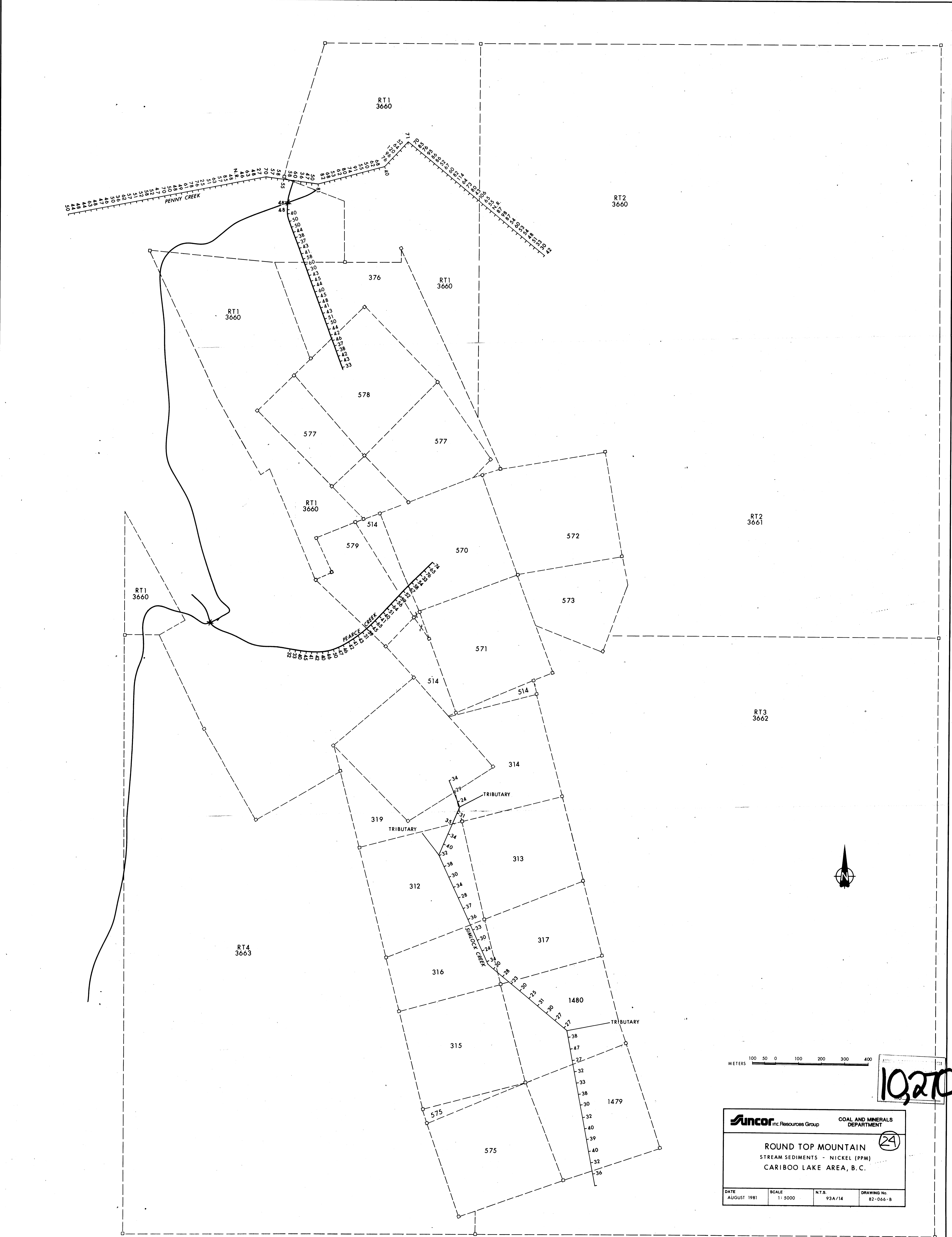
Suncor Inc Resources Group		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN (21)			
SOIL SAMPLES - LEAD (PPM) CARIBOO LAKE AREA, B. C.			
DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1:5000	.53A/14	82-067-J

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Suncor Inc. Resources Group		COAL AND MINERALS DEPARTMENT	
ROUND TOP MOUNTAIN (23)			
SOIL SAMPLE - TUNGSTEN (PPM) CARIBOO LAKE AREA, B. C.			
DATE	SCALE	N.T.S.	DRAWING No.
AUGUST 1981	1: 5000	93A/14	82-067-B



METERS 100 50 0 100 200 300 400

10,270

Suncor Inc. Resources Group COAL AND MINERALS DEPARTMENT

ROUND TOP MOUNTAIN
STREAM SEDIMENTS - NICKEL (PPM)
CARIBOO LAKE AREA, B. C.

DATE: AUGUST 1981 SCALE: 1:5000 N.T.S.: 93A/14 DRAWING No.: 82-066-B