

86-166-14518

ASSESSMENT REPORT

ON THE RANGER PROPERTY
NEAR GOLDBRIDGE, B.C.

04/87

Lillooet Mining Division

N.T.S. 92-J-15-W, 1SE,
51' 44.8'
Lat. 50 ~~50~~ N. Long. 122 ~~45~~ W.

Owner: Tanker Oil and Gas Ltd.
Operator: Levon Resources Ltd.

BY: BRADFORD J. COOKE
COOKE GEOLOGICAL CONSULTANTS LTD.

APRIL 11, 1986

14518
04/87

86-166-14518



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) GEOCHEMICAL	TOTAL COST \$ 11,249.43
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AUTHOR(S) BRADFORD J. COOKE SIGNATURE(S) Brad Cooke

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED 25 APR 86 YEAR OF WORK 1985

PROPERTY NAME(S) RANGER

COMMODITIES PRESENT Au, Ag

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN 92 J/NE-90

MINING DIVISION LILLOOET NTS 92 J/15E 92J/15W

LATITUDE 50° 51' LONGITUDE 122° 44.8'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property (Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)):

Ranger 1 (4 units), Ranger 2 (20 units), Ranger 3 (6 units), Ranger 4 (20 units), Lucky Ranger (20 units)

OWNER(S) (1) TANKER OIL AND GAS LTD. 881 - 602 W Hastings St (2)

MAILING ADDRESS Vancouver BC

OPERATOR(S) (that is, Company paying for the work) (1) LEVON RESOURCES LTD. (2)

MAILING ADDRESS #100-455 Granville St Vancouver, BC V6C 1T1

FILMED

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

The claims are underlain by northwest-striking, steeply dipping cherty sediments and basaltic volcanics of the Middle Jurassic or Bridge River Group. Intruded by porphyry dikes and ^{Tertiary age} plutonic rocks. Mineralization occurs along shear zones near stratigraphic and intrusive contacts and consists of quartz-carbonate veins containing pyrite, arsenopyrite, tetrahedrite, galena, stibnite and sphalerite, minor pyrrhotite, chalcopyrite.

REFERENCES TO PREVIOUS WORK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,518

SUMMARY

The Ranger property occurs in the Bridge River district, east of the main Bralorne-Pioneer belt of Triassic volcanic and sedimentary rocks. It is underlain by basaltic volcanics and cherty sediments of the Triassic Bridge River Group, intruded by porphyry dikes, Bendor diorite and granodiorite of Tertiary age, and mineralized along narrow shears near intrusive and stratigraphic contacts.

Some 90 talus samples were collected over 1.35 miles at 330 foot intervals along two reconnaissance lines extending southwest and southeast from the North Ridge zone. No significant anomalies were discovered in Au, Ag, As, Sb, Pb and Zn.

A total of 9 dynamite trenches were blasted in the North Ridge zone to follow up soil anomalies containing up to 17,600 ppb Au and 5.3 ppm Ag from Newmont's work. Only 2 trenches produced gold values, namely 0.028 oz/ton Au over 22.3 feet (TR3) and 0.013 oz/ton Au over 3.3 feet (TR4).

The Adit and Saddle zones remain to be systematically trenched and sampled. However, the North Ridge and East Ridge zones require no further work.

Talus cover in the Adit and Saddle zones means that a portable backhoe is required to expose and explore the veins. Any drilling will have to be carried out by a small, transportable drill, using helicopter support.

A two phase, CA \$60,000 program is recommended to explore the Ranger property. Phase 1, a continuation of surface work started in 1985, includes backhoe trenching at a cost of CA \$15,000 over a two week period. Phase 2, contingent upon the successful completion of Phase 1, involves diamond drilling from surface, at a cost of CA \$45,000 over a one month period.

Phase 1 surface exploration calls for backhoe trenching, rock sampling and geological mapping in the Adit and Saddle zones to extend the known veins and discover new veins. A helicopter-supported camp will utilize the Kubota KH35 excavator, and possibly dynamite, to expose and explore the veins.

Phase 2 diamond drilling encompasses 1,000 feet in 5 holes to test the Ranger and other veins at 165 foot intervals along strike and down dip. A helicopter-supported camp would make use of the JK Smit 300 drill, or BBS-15 drill, to drill off the veins.

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INTRODUCTION

Purpose and Scope

The purpose of this document is to report on assessment work carried out on the Ranger property between September and October, 1985. Included in this report are the results of talus sampling, and dynamite trenching, but not geological mapping or soil sampling, which were covered in an earlier report (Turner 1985).

Location and Access

Ranger property is located approximately 7 kilometres east-southeast of Goldbridge and 180 kilometres north-northeast of Vancouver in southwestern British Columbia (Figure 1). Access to the property is by automobile from Vancouver, 145 kilometres east on Highway 1 to Hope, 225 kilometres north on Highways 1 and 12 to Lillooet, and 100 kilometres west on gravel road towards Goldbridge. Helicopters are available in Lillooet, 65 kilometres to the east, and Pemberton, 60 kilometres to the south, for commuting to the claims from Goldbridge.

Physiography and Climate

The claims lie north of Truax Mountain and east of MacDonald Lake, at elevations of 1280 metres up from the lake to 2,680 metres on top of the peak, north of Mount Truax. Vegetation cover is typical coniferous forest or alpine meadow, and the climate is characterized by hot, dry summers and cold, snowy winters.

Accommodation and Labour

Goldbridge Hotel is convenient for room and board, self-contained suites are available for rent in Goldbridge, and there is a recreational campsite at Gun Creek. Cooke Geological Consultants Ltd. supervised the exploration program and carried out dynamite trenching and talus sampling.

Claims Description

The Ranger property consists of five (5) modified grid claims totalling seventy (70) units and covering 1,750 hectares in the Lillooet Mining Division (Figure 2). Total annual assessment on the claims is \$14,000 for the whole group, which is in good standing until 1988 (Table 1).

Mining History

Exploration and mining history is summarized from the reports of many workers on the Ranger property, with emphasis on British Columbia Minister of Mines Annual Reports and Company Reports (see References).

First staked in 1944, the claims were optioned to Bralorne Mines Ltd., who drilled 3 shallow holes that failed to reach bedrock, dug several surface trenches and drove a 12 metre adit on the Ranger vein. Surface prospecting was carried out by the Ashmore Syndicate in 1945, after which the property fell dormant.

The claims were restaked in 1970 and some magnetic surveying, trenching and sampling were completed. Rabbit Oil and Gas Ltd. bought the property in 1980 and trenched arsenopyrite mineralization in Steep Creek, some 1.6 kilometres along strike from the Ranger adit, followed by some airborne VLF electromagnetic and PP magnetic surveys in 1981.

Newmont Exploration Canada Ltd. restaked the ground in 1983 and performed geological mapping and soil, silt and rock sampling in 1983, and 1984. Tanker Oil and Gas Ltd. acquired the claims in 1985 and brought in Levon Resources Ltd. to earn a 50% interest in the property by performing exploration work, including the trenching and sampling program reported herein.

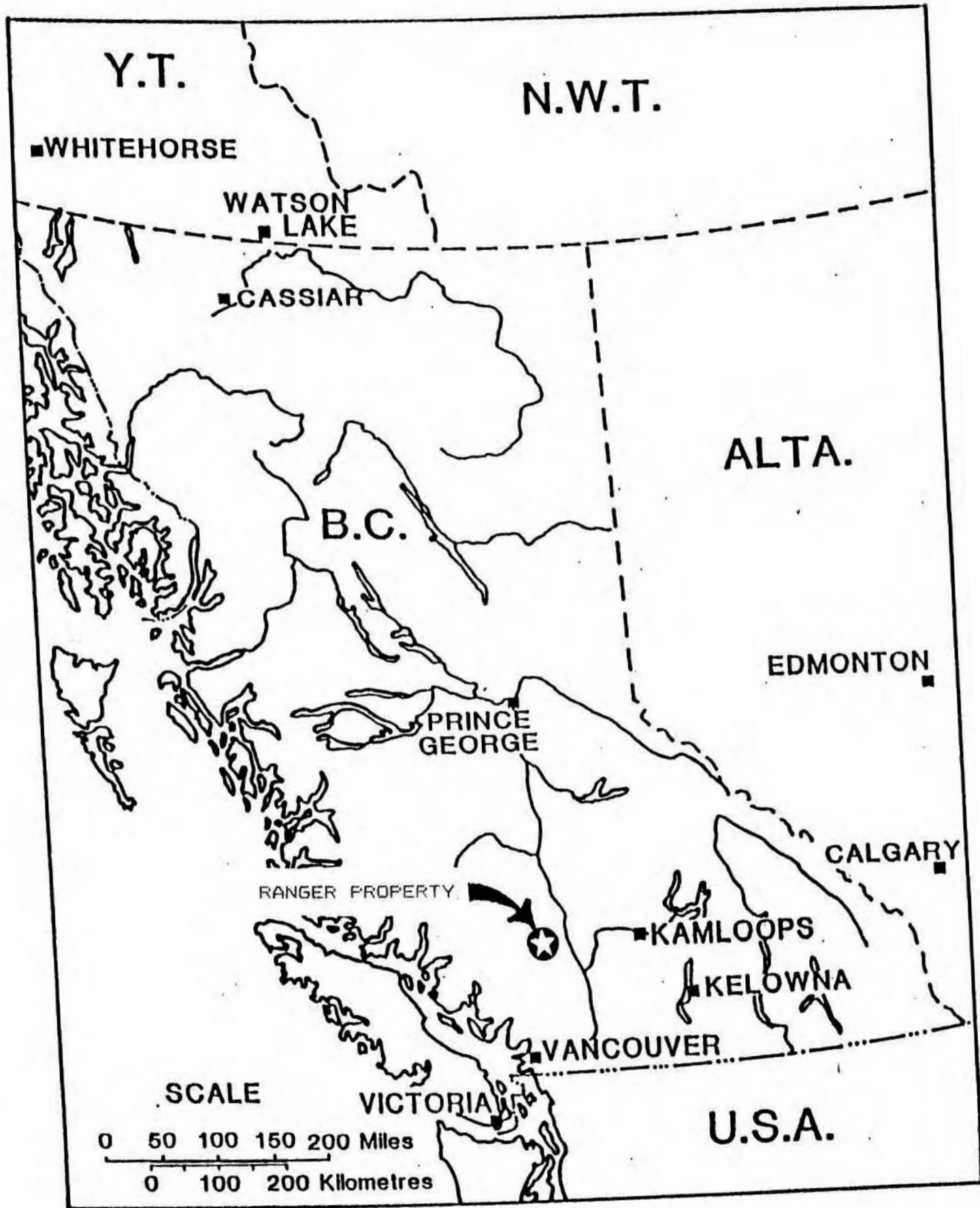


Figure 1. Location map.

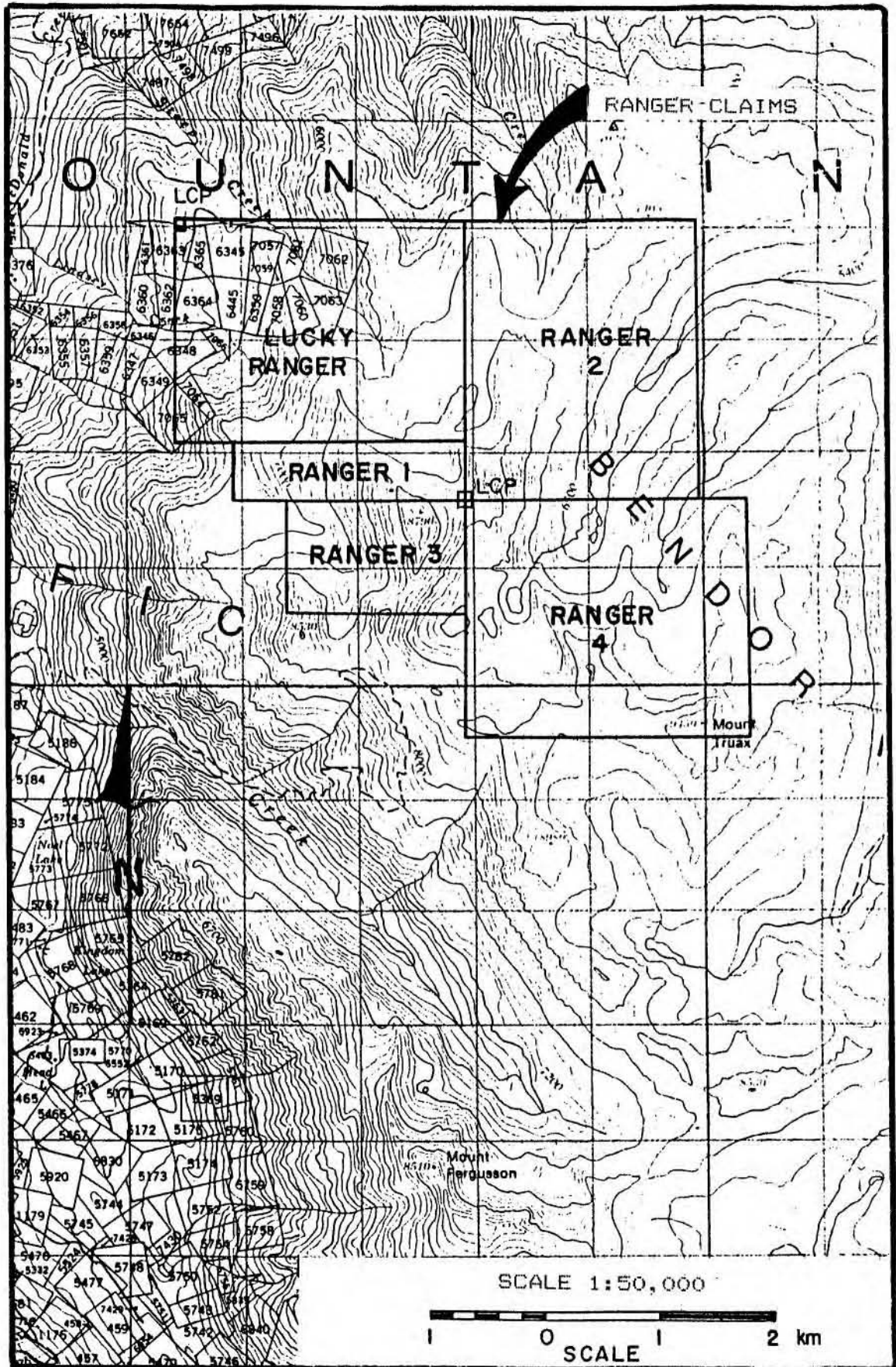


FIGURE 2: Claim map.

Claim List,

Claim Name	Record No.	No Units	Expiry Date
Ranger 1	2404	4	May 2, 1988
Ranger 2	2405	20	May 2, 1988
Ranger 3	2406	6	May 2, 1988
Ranger 4	2407	20	May 2, 1988
Lucky Ranger	2818	20	April 27, 1988

TABLE 1: Claim List

GEOLOGY

Regional

Regional geology and tectonics are summarized from the reports of many workers in the Bridge River district, with emphasis on Geological Survey of Canada Reports and University of British Columbia Reports (see References).

The Bridge River district lies at the western margin of the Intermontaine Belt of volcanic and sedimentary rocks where it abuts against the Coast Plutonic Complex of plutonic and metamorphic rocks (Figure 3). Triassic arc volcanics and backarc sediments (Cadwallader and Bridge River Groups) are intruded by synvolcanic, intermediate plutons (Bralorne Intrusions) and faulted against ophiolitic, ultramafic intrusions (President Intrusions) (Table 2).

Jurassic and Cretaceous basinal sediments and rift volcanics (unnamed, Taylor Creek and Kingsvale Groups) are sequentially intruded by Cretaceous and Tertiary plutons of felsic composition (Coast, porphyry and Bendor Intrusions). Relatively flat-lying Tertiary intermediate and mafic volcanics (Rexmount porphyry and plateau basalt) cap the lithological sequence.

Triassic rocks probably formed a discrete plate, the Bridge River terrane, prior to collision with the North American plate to the northeast in Jurassic time. That collision thrust arc volcanics, backarc sediments and oceanic crust onto the already assembled exotic terranes of the Intermontaine Belt and prompted uplift and erosion that produced the Jurassic and Cretaceous sediments.

Bridge River terrane then got sandwiched by the arrival of eastward-drifting Insular belt rocks from the west in Cretaceous time. This collision probably remobilized old faults and sparked several periods of intrusive activity that resulted in Cretaceous and Tertiary plutons and volcanics.

Old breaks such as the Fergusson and Cadwallader faults were probably mobilized again as Tertiary dextral strike-slip faults, followed by extrusion of plateau basalts in response to extensional tectonics. Finally, Pleistocene glaciation and Recent uplift and erosion sculpted the existing mountainous terrain.

Bralorne and Pioneer mines comprise the largest and richest lode gold mining camp in British Columbia. Between 1899 and 1971, they produced 4.16 million ounces gold and 0.95 million ounces silver from 8.23 million tons ore grading 0.51 oz/ton gold and 0.12 oz/ton silver. Gold-bearing quartz veins follow two sets of narrow fissures in Pioneer andesite and Bralorne diorite near Bralorne granite and albitite dikes. Mining stopped in ore some 2,000 metres down because of the ventilation problem and high mining costs.

Many other gold prospects in the region, such as the Ranger vein on the Ranger property, are gold-bearing sulfide replacements along narrow shears in Bridge River basalts and cherts, often near Tertiary porphyry dikes. A significant new discovery on the Congress property of Levon Resources Ltd., some 7.5 kilometres north-north west of Levon's Ranger claims, assays up to 0.37 oz/ton Au, 0.32 oz/ton Ag and 1.7% Sb over 6.9 metres true width. Thus, the exploration and mining potential of old prospects such as the Ranger vein needs to be re-evaluated.

Property

The Ranger property is underlain by northwest striking, steeply dipping basaltic volcanics, cherty sediments, and minor rhyolite, serpentinite, argillite and limestone of the Triassic Bridge River Group (Figure 4). They are intruded by northwest trending, steeply dipping porphyry dikes, of Tertiary age and diorite and granodiorite plugs of the Bendor Intrusions.

Early tectonic deformation has shattered the cherts and sheared the argillites, and serpentinites, but the more competent basalts are only mildly deformed. Gold-mineralized shear zones often follow the intrusive contacts of dikes and plugs or the stratigraphic contacts of sediments and volcanics and late, strike-slip faults offset the strata intrusions and veins.

Mineralization

Mineralization consists of quartz and calcite veins and replacements containing disseminated to massive pyrite and arsenopyrite, minor pyrrhotite, chalcopyrite, tetrahedrite, galena, stibnite, and sphalerite. Silicification and pyritization also permeate sheared chert and argillite wall rocks.

Four mineralized zones occur on the property, the Adit, Saddle, East Ridge and North Ridge zones. The most important of these is the Adit zone (Ranger prospect or Ben D'Or vein), where a massive sulfide vein occurs in fractured chert, is up to 30 cm wide and assays up to 4.5 oz/ton Au and 7.5 oz/ton Ag, at the portal of a northwest-striking, 12 metre-long adit.

Saddle zone consists of several old pits located 200 metres along strike to the northwest of the adit. Narrow sulfide veinlets occur in fractured chert, containing anomalous values in Au, Ag, As, Sb, Pb, Zn and Cu.

East Ridge zone contains soil anomalies with up to 955 ppb Au and 1.1 ppm Ag in cherts, argillites and a quartz-carbonate unit. North Ridge zone comprises soil anomalies with up to 17,600 ppb Zn and 5.3 ppm Ag, which were the subject of geological mapping, talus sampling and dynamite trenching reported herein.

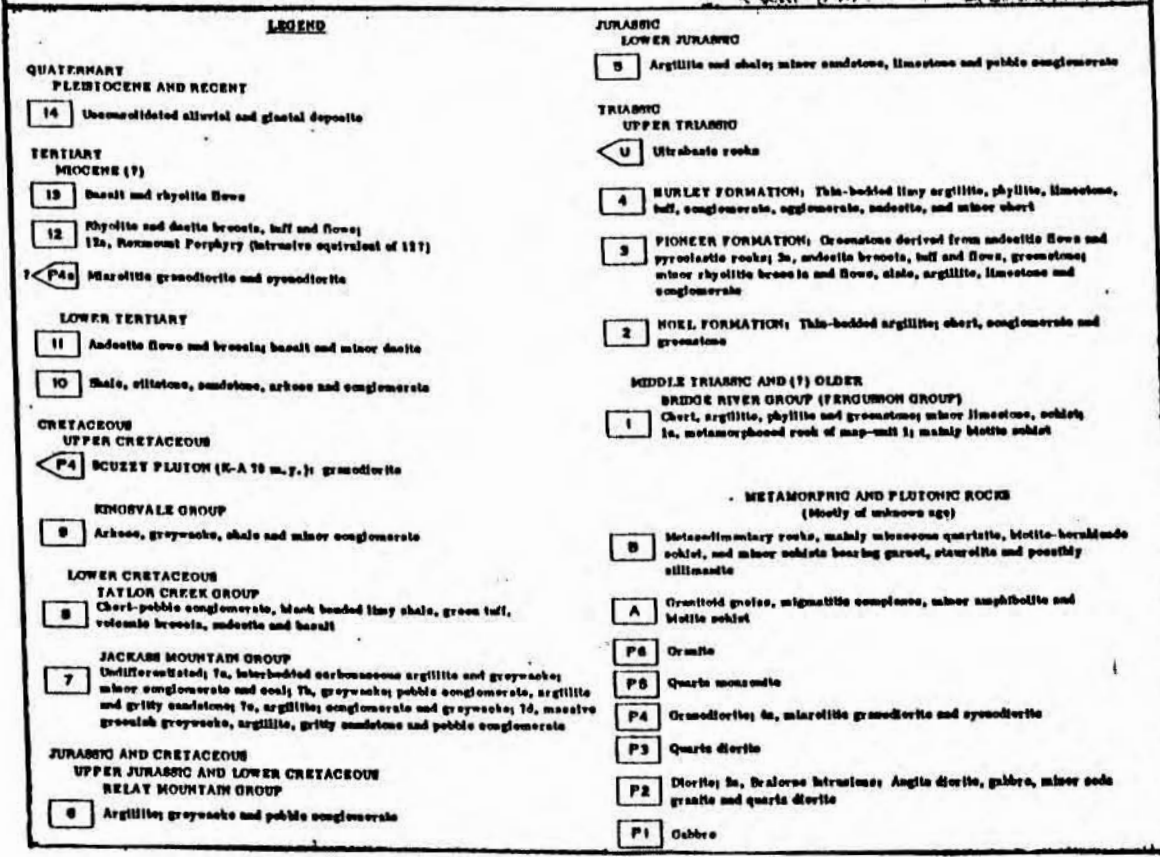
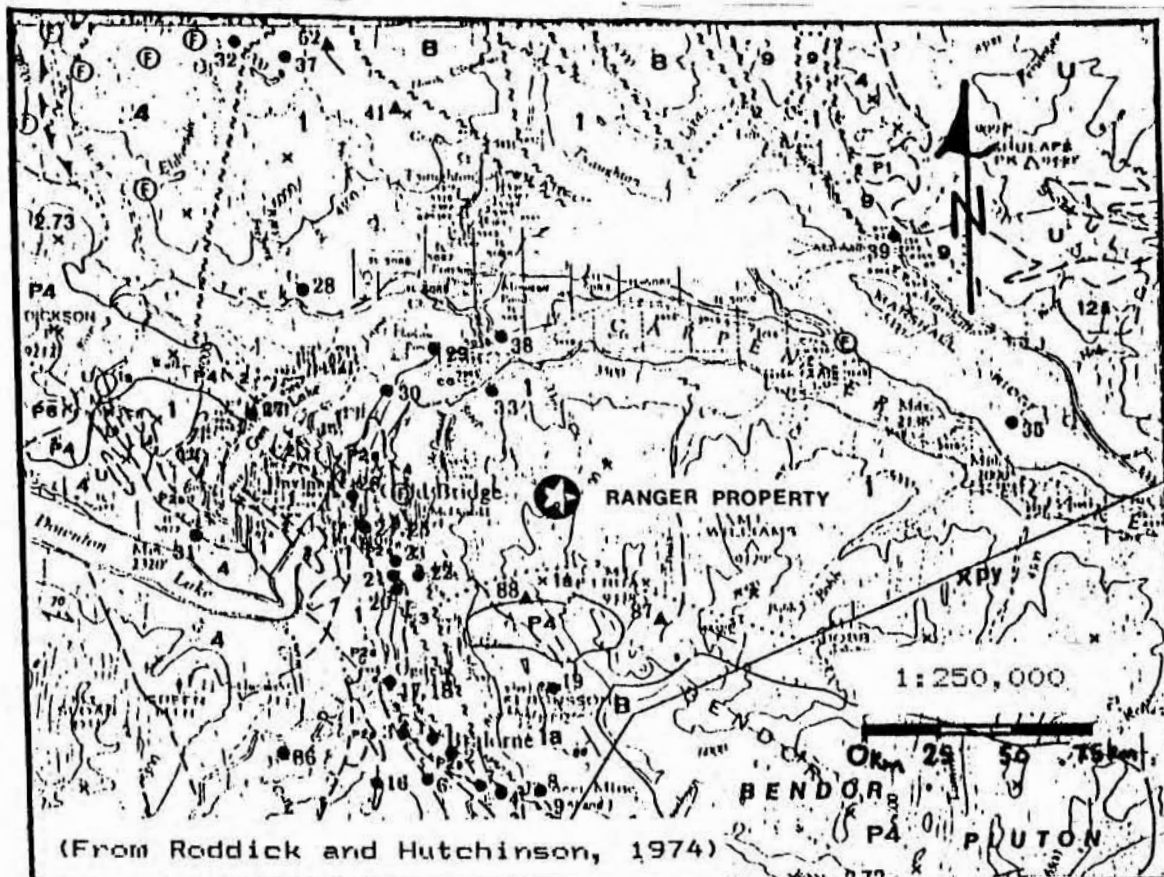
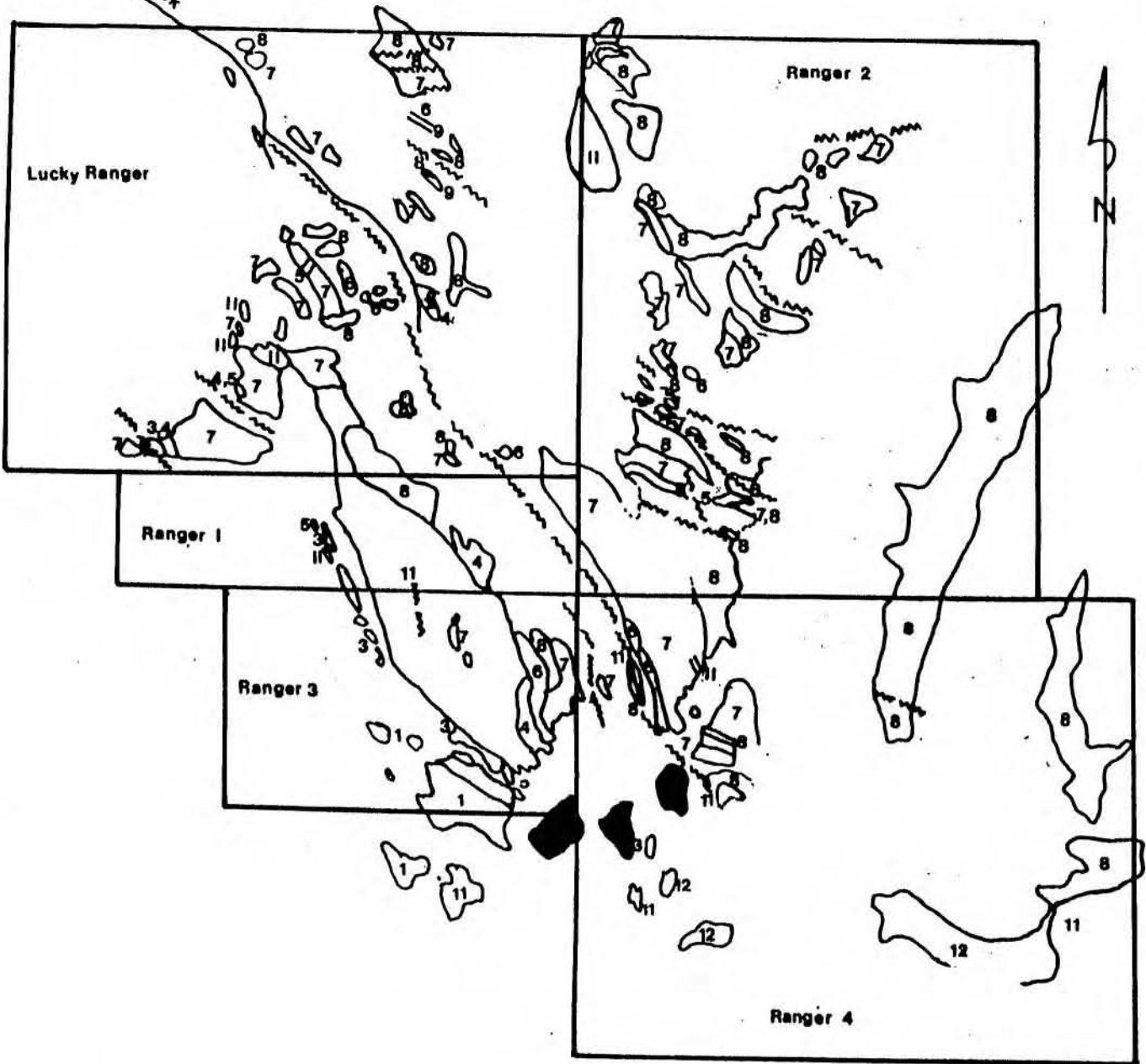


Figure 3: Regional geology map.

PERIOD	UNIT	LITHOLOGY
upper Tertiary	Plateau basalt	basalt, rhyolite flows, breccias
		unconformable contact
lower Tertiary	Rexmount porphyry	rhyolite, dacite, andesite tuffs, breccias, flows, plugs
		unconformable contact
upper Cretaceous	Porphyry dikes	quartz, feldspar, hornblende porphyry dikes
		intrusive contact
	Coast Range intrusions	quartz diorite, diorite, granodiorite
		intrusive contact
	Kingsvale group	arkose, greywacke, shale, conglomerate
		unconformable contact
lower Cretaceous	Taylor Creek group	conglomerate, shale, tuff, breccia
		unconformable contact
lower Jurassic	Unnamed sediments	argillite, shale, sandstone, limestone, conglomerate
		unconformable contact
upper Triassic	Bralorne intrusions	augite diorite, soda granite, albitite dikes
		intrusive contact
	President intrusions	serpentinite, peridotite, pyroxenite, dunite, gabbro
		fault contact
	Cadwallader Hurley formation	group limy argillite, phyllite, limestone, tuff, conglomerate, greenstone, chert
	Pioneer formation	greenstone, basalt, andesite, flows, tuffs
	Noel formation	argillite, chert, conglomerate, greenstone
		conformable contact?
middle Triassic	Bridge River group	chert, argillite, phyllite, limestone, greenstone, metamorphic equivalents

Table 2: Formation names, ages and lithologies.



LEGEND

- 1 7 **BASALT**
- 2,10 **RHYOLITE**
- 3, 8 **CHERT**
- 4, 5 **ARGILLITE, LIMESTONE**
- 6 **SERPENTINITE**
- 9 **FELDSPAR PORPHYRY**
- 11,12 **DIORITE, GRANODIORITE**
- ~~~~~ **FAULT**



(From Turner, 1985)

LEVON RESOURCES LTD.	
Ranger Claims	
GEOLOGY	
COOKE GEOLOGICAL CONSULTANTS LTD	
By B Cooke	FIGURE 4:
Date April '86	

GEOCHEMISTRY

Talus

A total of 90 talus fine samples were collected over 2.25 kilometres at 25 metre intervals along two reconnaissance lines extending southwest and southeast from the North Ridge Zone. No significant anomalies were discovered in Au, Ag, As, Sb, Pb and Zn (Figures 5 and 6).

Geological mapping along the lines confirmed the presence of chert, argillite, basalt, serpentinite, diorite and aplite similar to Newmont's previous geological mapping. No new mineralized zones were found.

TRENCHINGDynamite

A total of nine (9) dynamite trenches were blasted, mucked and sampled in the North Ridge zone to follow up soil anomalies containing up to 17,600 ppb Au and 5.3 ppm Ag from Newmont's work. Only two (2) trenches produced gold values, 0.028 oz/ton Au over 6.8 metres (TR3) and 0.013 oz/ton Au over 1.0 metres (TR4) (Figure 7).

Geological mapping of the North Ridge Zone from a 620 metre baseline located several sheared and altered zones in gabbro, serpentinite, basalt, chert and dike. However, little gold mineralization was seen and much of the alteration appeared to be quartz-carbonate-mariposite unrelated to the dikes.

Trench No.	Baseline Location	Gold (oz/ton)	Width (metres)
TR1	300N	not significant	
TR2	275N	not significant	
TR3	250N	0.028	6.8
TR4	200N	0.013	1.0
TR5	175N	not significant	
TR6	225N	not significant	
TR7	050N	not significant	
TR8	425N	not significant	
TR9	475N	not significant	

TABLE 3: Trench list

CONCLUSION

Conclusions

- 1) The Ranger property occurs in the Bridge River district, east of the main Bralorne-Pioneer belt of Triassic volcanic and sedimentary rocks. It is underlain by basaltic volcanics and cherty sediments of the Triassic Bridge River Group, intruded by porphyry dikes, Bendor diorite and granodiorite of Tertiary age, and mineralized along narrow shears near intrusive and stratigraphic contacts.
- 2) Some 90 talus samples were collected over 2.25 kilometres at 100 metre intervals along two reconnaissance lines extending southwest and southeast from the North Ridge zone. No significant anomalies were discovered in Au, Ag, As, Sb, Pb and Zn.
- 3) A total of 9 dynamite trenches were blasted in the North Ridge zone to follow up soil anomalies containing up to 17,600 ppb Au and 5.3 ppm Ag from Newmont's work. Only 2 trenches produced gold values, namely 0.028 oz/ton Au over 6.8 metres (TR3) and 0.013 oz/ton Au over 1.0 metres (TR4).
- 4) The Adit and Saddle zones remain to be systematically trenched and sampled. However, the North Ridge and East Ridge zones require no further work.
- 5) Talus cover in the Adit and Saddle zones means that a portable backhoe is required to expose and explore the veins. Any drilling will have to be carried out by a small, transportable drill, using helicopter support.

Recommendations

- 1) A two phase, CA \$60,000 program is recommended to explore the Ranger property. Phase 1, a continuation of surface work started in 1985, includes backhoe trenching at a cost of CA \$15,000 over a two week period. Phase 2, contingent upon the successful completion of Phase 1, involves diamond drilling from surface, at a cost of CA \$45,000 over a one month period.
- 2) Phase 1 surface exploration calls for backhoe trenching, rock sampling and geological mapping in the Adit and Saddle zones to extend the known veins and discover new veins. A helicopter-supported camp will utilize the Kubota KH35 excavator, and possibly dynamite, to expose and explore veins.
- 3) Phase 2 diamond drilling encompasses 1,000 feet in 5 holes to test the Ranger and other veins at 165 foot intervals along strike and down dip. A helicopter-supported camp would make use of the JK Smit 300 drill, or BBS-15 drill, to drill off the veins.

EXPENDITURES

<u>Item</u>	
Labour and supervision	
8 person days x \$250	2,000.00
16 person days x \$100	1,600.00
Room and board	
10 person days x \$60	600.00
Transportation and fuel	
2 days x \$50 + fuel	108.06
Helicopter contract	
6 hrs x \$400 + fuel	2,663.00
Assays and analysis	
142 rocks x \$14.50	2,059.00
Drafting and reproduction	996.69
Equipment and supplies	200.00
Administration 10%	1,022.68
<hr/>	
Subtotal	11,249.43
PAC Withdrawal	<u>2,750.57</u>
TOTAL	14,000.00

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QUALIFICATIONS

I, Bradford J. Cooke, am a professional geologist with a consulting business, Cooke Geological Consultants Ltd., located at 100-455 Granville St., Vancouver, B.C., V6C 1T1.

I was awarded a B.Sc. Honours Geology degree at Queen's University, Kingston, Ontario in 1976 and completed a M.Sc. Geology degree at the University of British Columbia, Vancouver, B.C. in 1984.

I have worked in mineral exploration, both seasonally and full-time, since 1975 and have performed geological field work since 1973.

I am a Fellow of the Geological Association of Canada, a Member of the Canadian Institute of Mining and Metallurgy and a member of the British Columbia-Yukon Chamber of Mines.

I personally reviewed the literature on Ranger and supervised the work on the claims.

I have no interest, nor do I expect to receive any interest, in the securities or properties of Levon Resources Ltd., nor Tanker Oil and Gas Ltd.

I consent to the inclusion of this report in a Prospectus, or other qualifying documents, for the purpose of raising funds through the Vancouver Stock Exchange, or other financial institutions.

Bradford J. Cooke
Cooke Geological Consultants Ltd.
April 11, 1986

APPENDIX 1

Assay Sheets.

PROJECT NO: RANGER

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

FILE NO: 5-795R/P1+2

ATTENTION: BRAD COOKE

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

* TYPE ROCK GEOCHEM * DATE:OCT 15, 1985

(VALUES IN PPM)	AG	AS	PB	SB	ZN	AU-PPB	PD-PPB	PT-PPB
RTR-1-01	2.0	51	55	14	66	5	1	2
RTR-1-02	1.8	108	55	16	87	9	1	50
RTR-1-03	1.1	130	40	11	97	13	1	23
RTR-1-04	.1	29	20	4	31	12	4	24
RTR-2-01	2.2	33	57	18	105	9	3	11
RTR-2-02	1.4	101	41	15	89	8	3	9
RTR-2-03	.4	28	27	6	114	17	16	34
RTR-2-04	.4	26	27	7	64	14	12	20
RTR-2-05	.7	29	42	9	71	6	1	3
RTR-2-06	.5	135	43	11	87	4	1	1
RTR-2-07	.5	30	35	8	55	13	1	6
RTR-2-08	.9	29	39	10	62	10	1	8
RTR-3-01	4.0	1	30	13	63	5	1	16
RTR-3-02	4.2	687	49	49	83	995	1	12
RTR-3-03	1.6	308	51	34	80	218	2	6
RTR-3-04	2.1	37	44	17	70	15	1	6
RTR-3-05	2.8	584	57	42	81	1275	1	5
RTR-3-06	3.1	150	43	23	74	1240	2	12
RTR-3-07	2.7	1357	51	45	59	1990	4	1
RTR-3-08	1.8	139	54	26	81	1000	3	62
RTR-3-09	2.2	1348	45	40	68	2504	1	3
RTR-4-01	3.6	1	27	12	63	33	4	8
RTR-4-02	1.6	72	47	16	56	31	1	1
RTR-4-03	2.7	238	43	16	68	451	9	29
RTR-4-04	2.5	39	44	16	68	10	5	2
RTR-4-05	5.3	1	12	11	71	12	1	1
RTR-4 GRAB	1.3	61	38	10	27	8	1	10
RTR-5-01	3.8	1	13	9	53	7	4	34
RTR-5-02	1.6	341	44	19	64	89	1	11
RTR-5-03	3.5	1	29	12	66	8	5	34
RTR-6-01	.4	39	41	7	63	7	4	1
RTR-6-02	1.3	118	35	11	55	6	7	30
RTR-6-03	.2	35	45	6	61	4	3	1
RTR-7-01	.9	17	54	13	53	3	5	1
RTR-7-02	.9	39	47	13	62	6	7	13
RTR-7-03	1.0	40	55	14	68	3	3	9
RTR-7-04	1.1	69	59	15	75	1	2	1
RTR-8-01	.9	165	75	16	72	10	6	16
RTR-8-02	.9	26	27	14	26	7	5	1
RTR-8-03	.8	34	23	13	21	6	6	10
RTR-8-04	.8	145	35	14	36	10	7	8
RTR-8-05	.8	25	31	12	20	6	6	27
RTR-8-06	.9	38	38	13	41	14	4	28
RTR-9-A-GRAB	.7	69	10	10	10	4	4	1
RTR-9-B	.7	36	20	11	14	2	4	1
RTR-9-C-GRAB	.7	23	18	12	18	4	12	27
RTR-10-01	.7	287	43	17	21	4	2	2

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

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

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

TELEX: 04-352828

CERTIFICATE OF ASSAY

COMPANY: COOKE GEOLOGICAL CONSULTANTS
PROJECT: RANGER
ATTENTION: BRAD COOKE

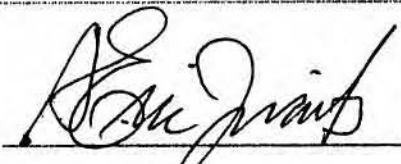
FILE: 5-745
DATE: OCT. 3/85.
TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AU G/TONNE	AU OZ/TON
PAUL GRABS #1	2.80	0.082
PAUL GRABS #2	.68	0.020
GUN GRAB #1	2.69	0.078
GUN GRAB #2	5.68	0.166
B1R	.04	0.001
B2R	.02	0.001
B3R	.10	0.003
B4R	.01	0.001
B5R	.01	0.001
B6R	.16	0.005
B7R	.02	0.001
B8R	.02	0.001
B9R	.03	0.001
B10R	.02	0.001
B11R	.04	0.001
B12R	.03	0.001
B13R	.01	0.001
JR-01	.01	0.001
JR-02	.05	0.001
JR-03	.03	0.001
JR-04	.01	0.001
JR-05	.02	0.001
JR-06	.02	0.001
JR-07	.02	0.001
RANGER-1	.03	0.001

RANGER

Certified by



MIN-EN LABORATORIES LTD.

PROJECT NO: RANGER

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

FILE NO: 5-745A

ATTENTION: BRAD COOKE

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

* TYPE ROCK GEOCHEM *

DATE: OCT 3, 1985

(VALUES IN PPM)	AS	AS	PR	SR	ZN
PAUL GRAB#1	3.7	2980	36	184	41
PAUL GRAB#2	2.2	1602	34	35	38
GUN GRAB#1	11.2	1096	15	38921	43
GUN GRAB#2	3.5	9818	28	1966	56
B1R	1.5	208	8	362	23
B2R	1.3	117	23	591	30
B3R	.8	367	15	38	44
B4R	.9	111	12	13	62
B5R	1.9	1	39	29	88
B6R	1.7	39	48	45	547
B7R	1.6	21	37	23	60
B8R	1.3	1	15	4	20
B9R	1.7	95	36	39	212
B10R	1.4	14	21	9	71
B11R	1.0	1	10	2	46
B12R	1.4	1	29	15	39
B13R	1.7	1	25	13	33
JR01	4.1	1	9	14	56
JR02	1.8	1	35	19	42
JR03	1.7	1	18	16	42
JR04	.9	8	11	1	9
JR05	3.4	1	18	10	46
JR06	3.4	1	27	21	86
JR07	1.7	1	33	21	9
RANGER1	1.5	1	1	18	26

RANGER

PROJECT NO: RANGER

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

FILE NO: 5-745R/P1+2

ATTENTION: BRAD COOKE

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

* TYPE ROCK GEOCHEM * DATE: OCT 4, 1985

(VALUES IN PPM)	AG	AS	PB	SR	ZN	AU-PPB
BL500	6.3	155	651	274	84	80
BL501	5.4	10	487	115	73	55
BL502	1.0	44	88	28	61	5
BL503	1.7	31	54	23	104	10
BL504	1.8	59	57	29	75	5
BL505	1.2	51	48	23	80	5
BL506	1.5	44	47	25	79	5
BL507	1.3	20	49	16	48	10
BL508	.6	1	12	1	22	5
BL509	1.5	1	104	33	28	5
BL510	2.8	1	36	15	54	5
BL511	2.0	1	37	17	107	10
BL512	4.7	1	18	17	52	5
BL513	1.7	1	34	13	66	5
BL514	6.6	1	1	8	59	10
BL515	4.6	1	7	14	42	5
BL516	1.5	1	35	20	26	5
BL517	2.8	1	30	20	63	5
BL518	1.8	1	23	13	38	10
BL519	2.6	1	27	17	28	5
BL520	1.9	2	39	26	41	5
BL521	1.9	1	22	11	33	5
BL522	2.3	1	19	10	17	5
BL523	2.3	7	35	20	67	5
BL524	2.8	5	21	19	47	5
BL525	2.3	5	22	22	71	5
BL526	1.5	19	29	5	49	10
BL527	2.7	1	28	12	41	5
BL528	1.9	29	43	18	92	5
BL529	2.3	14	45	21	124	5
BL530	1.8	1	42	23	120	5
BL531	1.5	10	29	8	37	5
BL532	1.6	1	24	7	35	10
BL533	1.3	8	16	2	33	5
BL534	2.7	1	20	11	47	5
BL535	1.7	1	7	1	83	5
BL536	1.4	347	28	19	71	10
BL537	2.0	1	20	10	53	5
BL538	2.4	1	14	5	70	5
BL539	1.9	186	35	11	88	5
BL540	2.1	80	32	14	89	10
BL541	2.5	308	44	15	90	5
BL542	1.5	161	33	10	75	5
BL543	1.2	23	21	3	67	5
BL544	1.6	14	27	10	42	5
BL545	1.4	6	23	5	48	5
BL546	1.4	13	26	10	49	5
BL547	1.6	45	29	10	59	10
BL548	2.2	6	21	11	34	5
BL549	1.8	44	38	15	76	5
BL550	1.7	36	36	14	78	5
BL551	.5	26	19	1	12	5
BL552	2.7	1	22	9	42	5
ND500	1.2	109	43	22	108	20
ND501	1.4	51	32	15	90	10
ND502	1.7	42	31	19	87	5
ND503	1.3	39	31	12	73	10
ND504	.8	17	10	1	39	5
ND505	.7	1	9	1	24	10
ND506	.4	6	8	1	16	5

PROJECT NO: RANGER

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V2M 1T2

FILE NO: 5-745R/F3

ATTENTION: BRAD COOKE

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

* TYPE ROCK GEOCHEM * DATE: OCT 4, 1985

(VALUES IN PPM)	AG	AS	PB	SR	ZN	AD-PPB
ND507	1.1	21	14	13	49	10
ND508	1.2	144	39	29	70	10
ND509	.9	67	28	14	102	15
ND510	4.4	1	12	13	99	5
ND511	1.0	67	34	20	107	10
ND512	.9	60	35	21	117	5
ND513	1.1	100	36	88	107	15
ND514	.9	73	28	32	87	5
ND515	.8	119	30	47	94	10
ND516	1.0	122	41	33	121	5
ND517	1.5	84	35	31	116	5
ND518	1.1	59	48	33	127	10
ND519	3.1	1	32	21	103	5
ND520	4.2	1	27	20	96	5
ND521	1.0	105	41	31	126	15
ND522	1.2	47	45	20	119	5
ND523	.7	55	37	13	95	5
ND524	3.9	1	31	24	113	5
ND525	5.4	1	15	18	101	5
ND526	3.0	1	41	27	121	5
ND527	2.2	13	50	30	134	5
ND528	3.5	1	38	25	115	5
ND529	3.5	1	28	18	98	5
ND530	2.5	48	39	24	133	10
ND531	1.2	67	42	23	116	10
ND532	4.2	1	27	24	129	5
ND533	3.1	1	29	21	131	5
ND534	3.0	1	26	17	99	5
ND535	5.3	1	12	17	102	5

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

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

TELEX: 04-352828

CERTIFICATE OF ASSAY

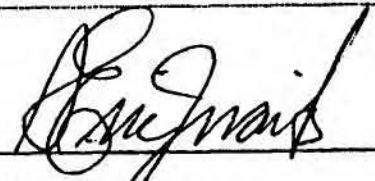
COMPANY: COOKE GEOLOGICAL CONSULTANTS
 PROJECT:
 ATTENTION: BRAD COOKE

FILE: 5-544A
 DATE: AUGUST 29/85.
 TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	
TG-1	290.0	8.46	3.16	0.092	
TG-2	17.5	0.51	.10	0.003	
TG-3	54.4	1.59	2.29	0.067	
TG-4	840.0	24.50	6.75	0.197	
TG-5	76.5	2.23	.01	0.001	
TG-6	213.0	6.21	.75	0.022	
TG-7	32.0	0.93	.42	0.012	
TG-8	22.4	0.65	.04	0.001	
TG-10	172.0	5.02	2.46	0.072	
R-1	9.0	0.26	.23	0.007	
2	24.2	0.71	15.60	0.455	RANGER
R-3	610.0	17.79	3.60	0.105	
R-4	11.0	0.32	.45	0.013	
R-5	6.2	0.18	.08	0.002	
DRD-400B	0.3	0.01	.01	0.001	
DRD-450E-900N	1.2	0.03	.16	0.005	
DRD#LCP	2.4	0.07	.04	0.001	
MOWSON-ADIT (A)	2.0	0.06	7.62	0.222	
MOWSON-ADIT (B)	6.5	0.19	25.50	0.744	

Certified by



MIN-EN LABORATORIES LTD.

(VALUES IN PPM)	AG	AS	PB	SB	ZN
T61	260.4	6948	60720	46696	1591
T62	14.3	2721	759	316	102
T63	48.8	25991	6488	3020	97
T64	724.1	34977	41649	35099	4476
T65	69.1	4575	13558	7208	108
T66	192.7	14509	24543	1113	1267
T67	28.7	5906	4156	875	230
T68	20.5	89	314	148926	21
T610	145.8	31222	79017	37642	172
R1	8.1	11615	1110	724	16
R2	22.5	151591	721	994	38
R3	531.4	33776	8509	450	1174
R4	10.3	6418	3631	280	3863
R5	5.9	18105	274	370	50
DR0400B	.5	441	64	46	52
DR0450E900N	.2	100	46	77	72
DR04LCP	.4	8	78	60	21
MONSONADIT(A)	1.1	4737	36	2527	180
MONSONADIT(B)	5.3	5035	80	28162	23

RANGER

PROJECT NO:

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

FILE NO: 5-544A

ATTENTION: BRAD COOKE

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

* TYPE SOIL GEOCHEM * DATE: AUGUST 29, 1985

(VALUES IN PPM)	AG	AS	PB	SD	ZN	AU-PPB
050E225N	.9	21	21	8	57	5
050E250N	.8	10	21	9	49	10
050E275N	.7	4	14	6	44	5
050E300N	.9	1	14	5	73	5
050E325N	.7	1	13	3	37	10
050E350N	1.8	9	24	11	62	5
050E925N	1.1	3	16	8	88	15
050E950N	1.6	1	12	6	77	5
050E975N	.6	15	17	7	101	10
050E1025N	.8	51	18	11	79	10
150E75N	1.0	8	18	7	100	5
150E110N	1.2	1	16	7	96	5
150E125N	.9	5	15	7	87	5
150E150N	.8	11	17	8	50	5
150E175N	1.0	7	22	7	74	5
150E200N	1.1	6	23	9	106	10
450E800N	1.6	1	13	7	88	5
450E825N	.8	1	12	5	36	5
450E850N	1.5	1	14	8	115	10
450E885N	1.0	1	14	7	36	5
450E900N	1.0	1	16	6	46	5
450E925N	1.1	1	14	7	61	3
550E700N	.9	1	18	6	79	5
550E725N	.4	1	12	4	30	5
550E750N	1.3	1	14	8	110	10
550E775N	1.0	1	13	6	40	25
550E800N	.9	1	15	7	39	5
550E825N	1.3	1	21	8	109	5
R6	1.3	2192	56	65	377	10
T89	2.9	379	171	76	437	15

RANGER

APPENDIX 2

Analytical Procedures.

Routine Gold-Assay Procedures
Used by Min-En Labs. Ltd.

1. Samples are received, cataloged and dried at 105° C if necessary.
2. Whole sample is passed through a primary crusher which reduces sample to -½ inch.
3. Whole sample is further passed through a secondary crusher which further reduces the sample to -10 mesh.
4. The whole sample is riffled through a ½ inch riffle to obtain a subsample of approx 300-400 grams. The remaining reject is bagged and stored.
5. The above 300-400 gram split is then pulverized to obtain -100 mesh using an iron plate rotary mill pulverizer.
6. Sample pulp is now rolled and analysed.
7. The sample pulp is assayed for gold using a 1 assay ton fire assay preconcentration and atomic absorption finishing techniques.
8. The remaining sample pulp is retained and stored.

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

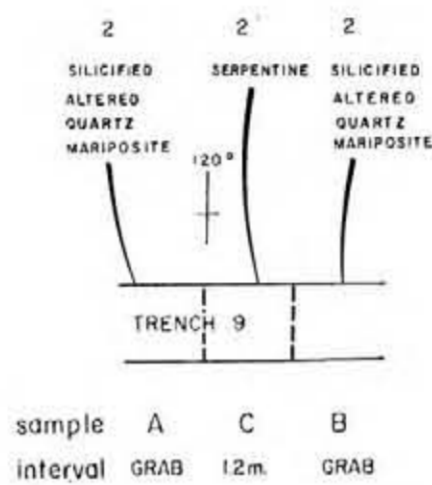
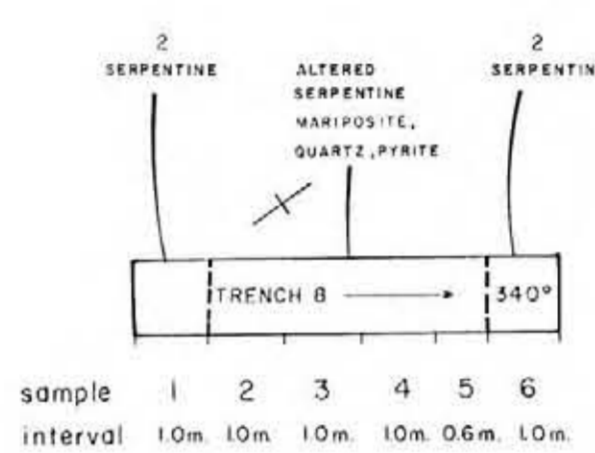
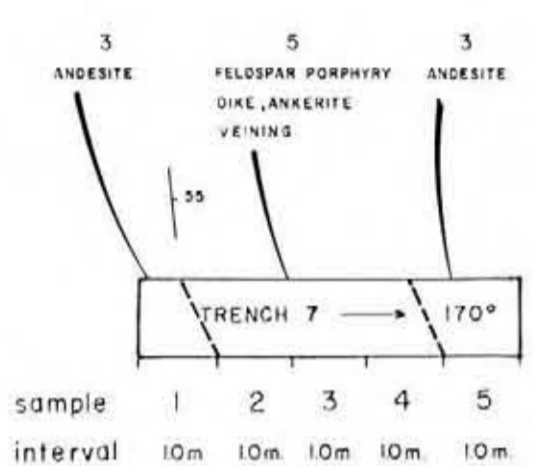
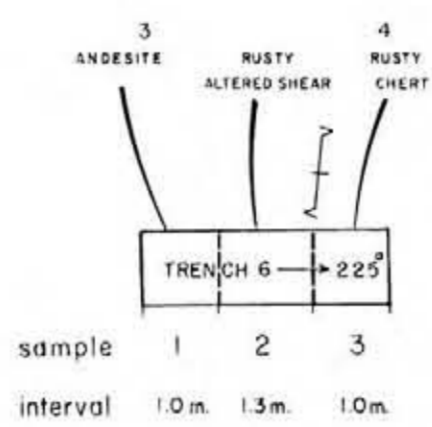
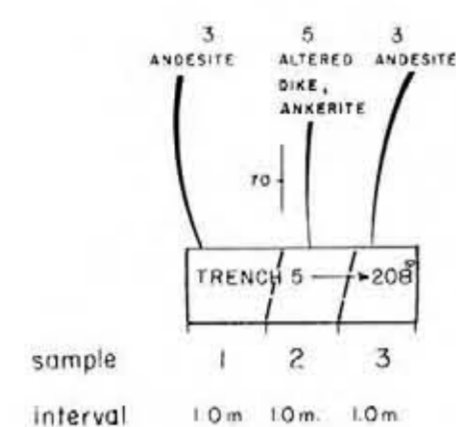
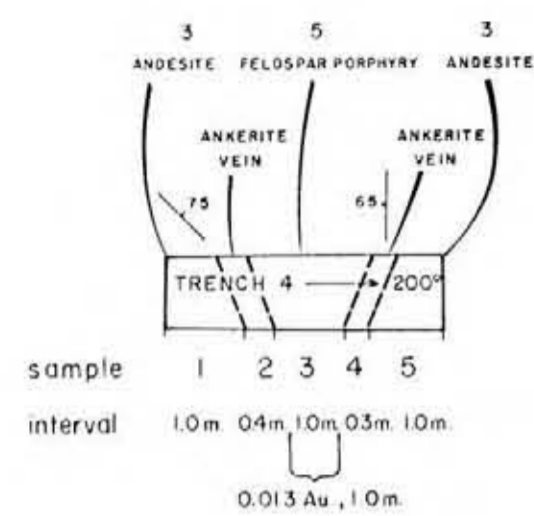
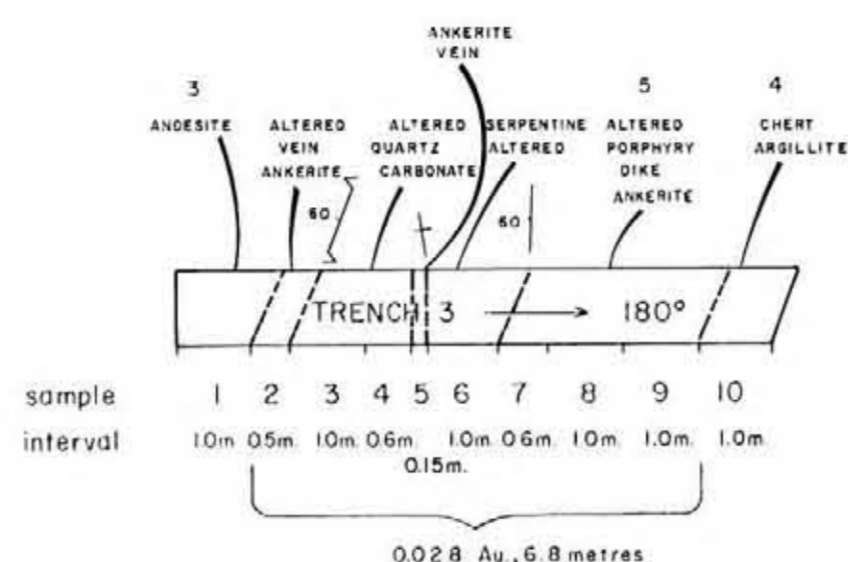
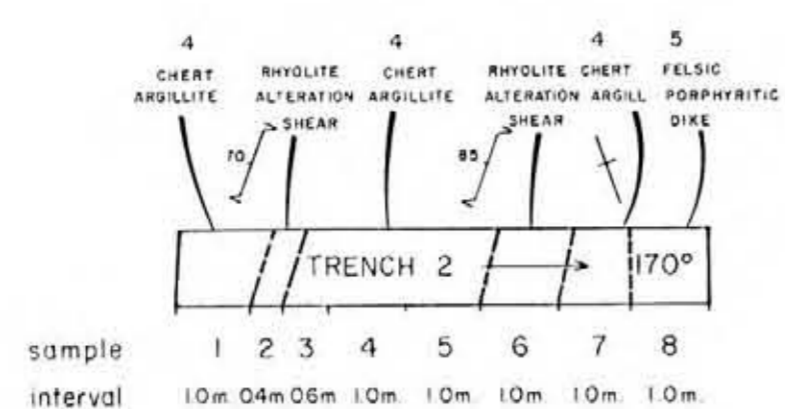
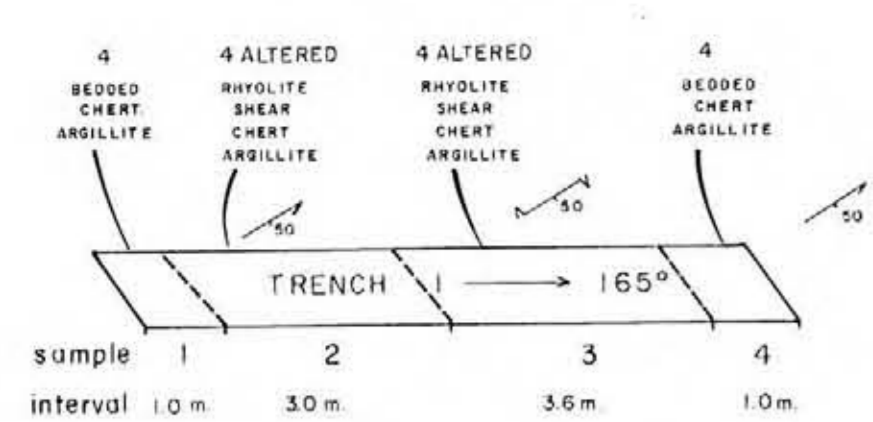
After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and HClO_4 mixture.

After pretreatments the samples are digested with Agua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).



DETAIL OF TRENCHES SCALE 1:100

LEGEND

PORPHYRY DIKE

5 GREY, LEUCOCRATIC, PORPHYRITIC, FELDSPAR PORPHYRY DIKE.

CHERT

4 RUSTY TAN, APHANITIC, WELL BEDDED.
 4a: LOCALLY SILICEOUS.
 4b: PURPLE, MANGANESE STAINED AND BROKEN.

ANDESITE

3 FINE GRAINED, APHANITIC
 3a: LOCALLY GREY-GREEN.
 3b: OLIVE GREEN.
 3c: RUSTY.
 3d: WITH CARBONATE ALTERATION.
 3e: INTRUSIVE.

SERPENTINITE

2 GREEN TO BROWN, ABUNDANT MARIPOSITE ALTERATION AND QUARTZ-CARBONATE VEINING.

GABBRO DIKE

1 BROWN, MELANOCRATIC, FINE GRAINED.

SYMBOLS

--- GEOLOGICAL CONTACT (Inferred).

--- GEOLOGICAL CONTACT (observed).

--- TRENCH

--- SHEAR

30 BEDDING ORIENTATION

70 SHEARING ORIENTATION

55 FOLIATION ORIENTATION

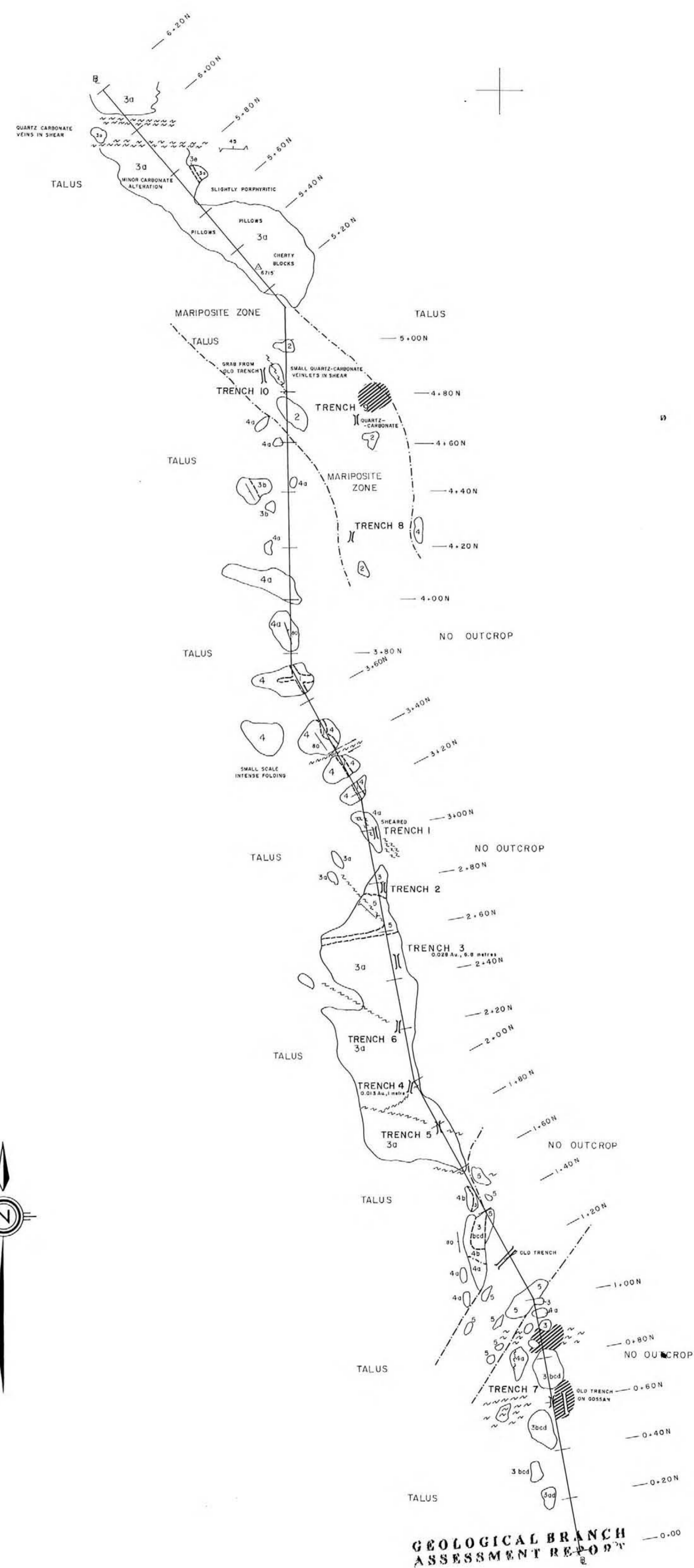
○ OUTCROP

▨ GOSSAN

△ ELEVATION

ASSAY RESULTS

Au. values ± 0.01 oz./ton.



GEOLOGICAL BRANCH
 ASSESSMENT REPORT

14,518

LEVON RESOURCES LTD.

RANGER PROPERTY
 (NORTH RIDGE ZONE)

GEOLOGY AND TRENCHES

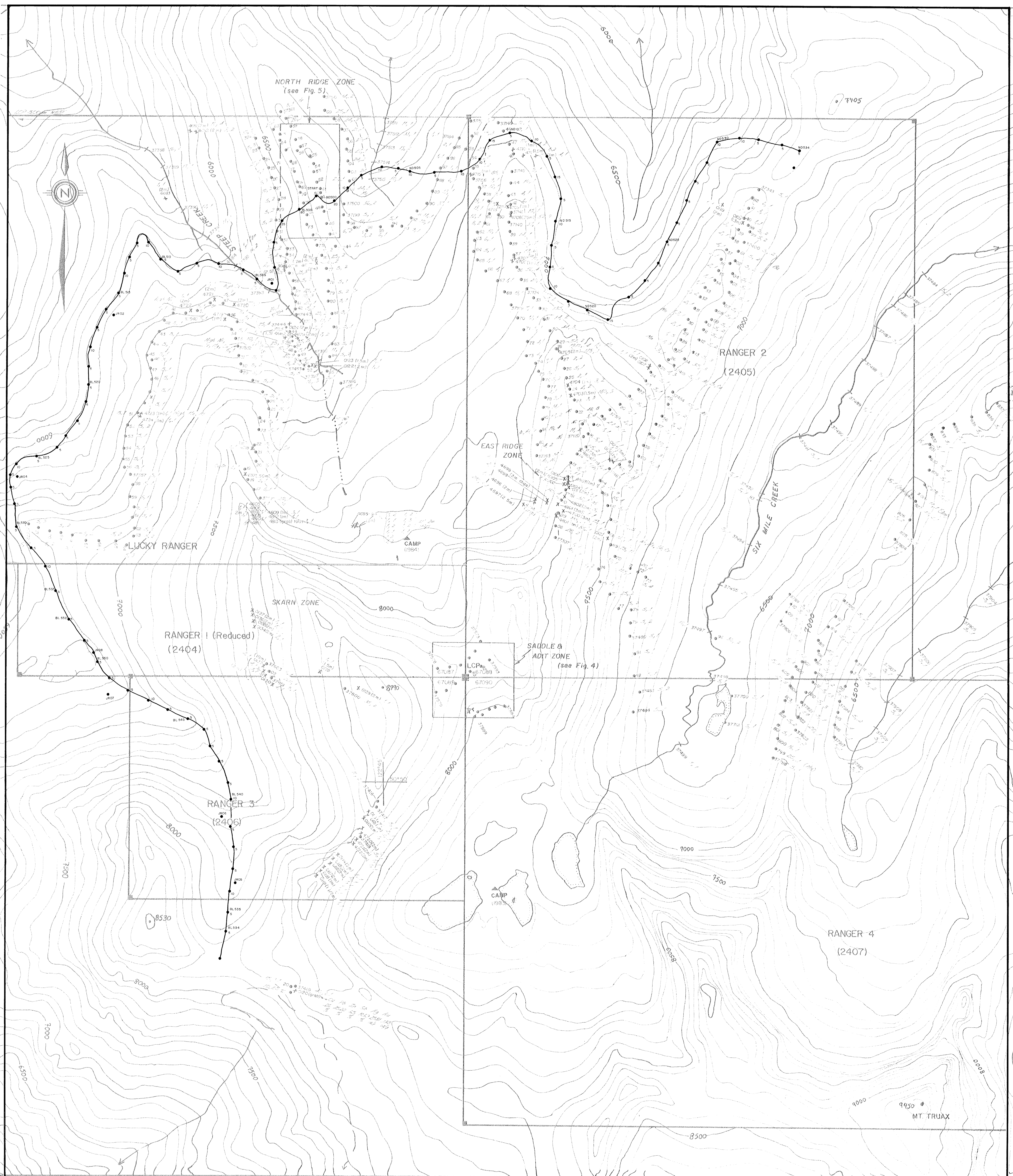
COOKE GEOLOGICAL CONSULTANTS LTD.

BY: J. ROBINS/D. AELICKS SCALE 1:1,000

DATE: DEC. 1985 DRAWN: J.R./J.W.

FIG.





RANGER I (2404)
 CLAIM (Record No.)
 Claim line
 LCP & Tag No. 67087
 Corner Post, located

Survey type - Soil, silt & rock
 Soil • 67087 1/1 Sample number 10, 11
 Silt X 67088 5/1 Sample number 10, 11
 Rock X 67089 2/1 Sample number 10, 11
 Prospector values -
 Soil 25, 7 Au, Ag
 Silt 25, 7 Au, Ag
 Rock 60, 10 Au, Ag (Chert sediment)
 30, 10 Au, Ag (Basic volcanic)
 25, 7 Au, Ag (Other)
 Claims located by - Topographic map
 Sample depth - 20-30 cm
 Sample horizon - B and/or C
 Sampling method - matrix
 Sample prep - 35 mesh wet pulverize
 Digestion technique - 30 element LCP 3:1:3 400, 401, 402
 by the LCP 1984 1/15K for 1000 Au, Ag 1/15K

LOCATION OF TRAVERSE BY COOKE GEOLOGICAL, 1985
 SAMPLE #
 GOLD PPM
 LOCATION SAMPLED BY COOKE GEOLOGICAL, 1985

Contour Interval = 100 feet



Claim Post locations were established using a 1:50,000 Topographic Map

NOTE: SCREENED INFORMATION FROM NEWMONT EXPLORATION OF CANADA LTD., MARCH 1985 SURVEY

GEOLOGICAL BRANCH ASSESSMENT REPORT

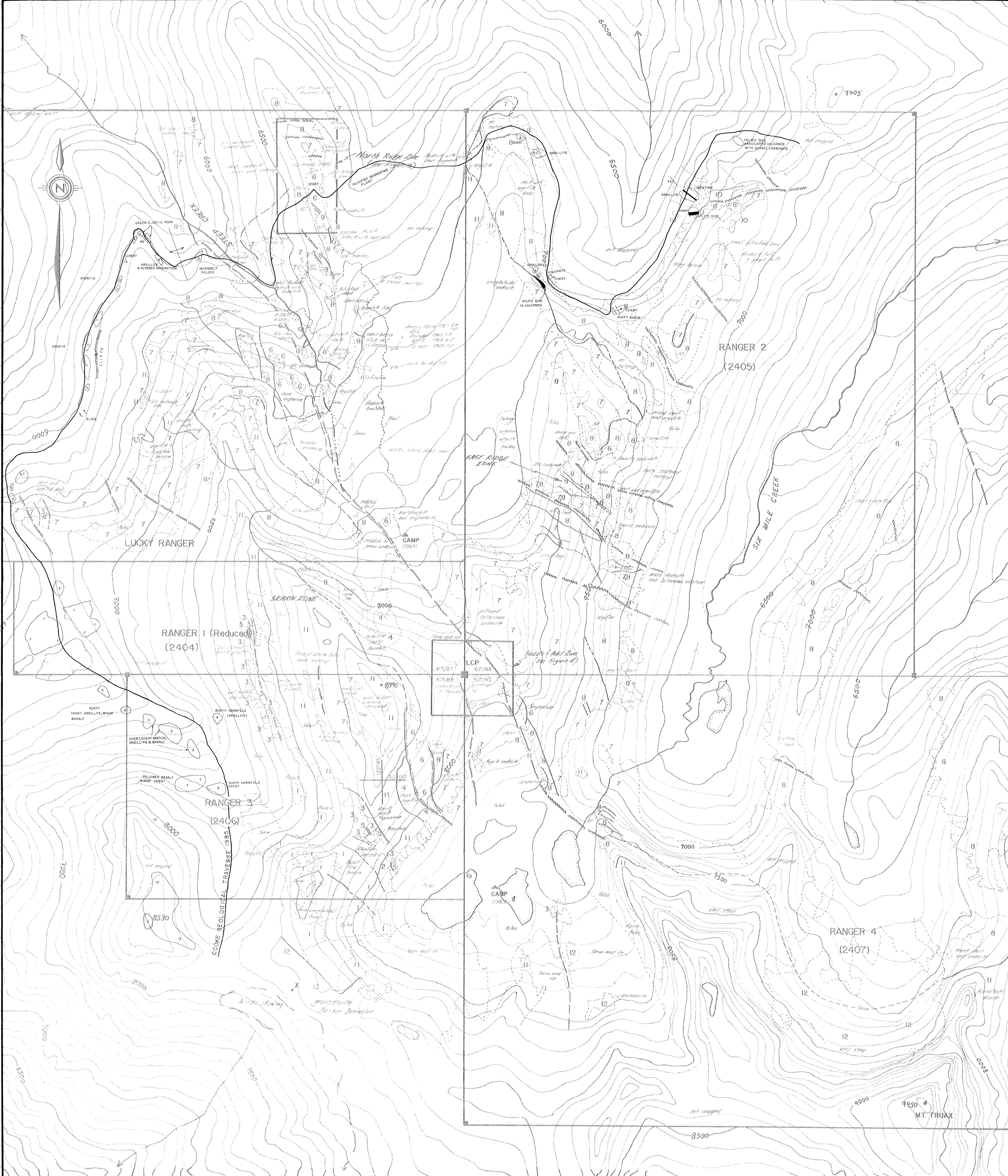
14,518

LEVON RESOURCES LTD.
 RANGER PROPERTY
 RECONNAISSANCE
 GEOCHEMICAL SAMPLING

COOKE GEOLOGICAL CONSULTANTS LTD.

BY: J. ROBINS SCALE: 1:5000
 DATE: DEC. 1985 DRAWN: J.R./D.W. FIG.

Map 2



RANGER 1 (2404)

Claim line

LCP & Tag No.

Corner Post, located

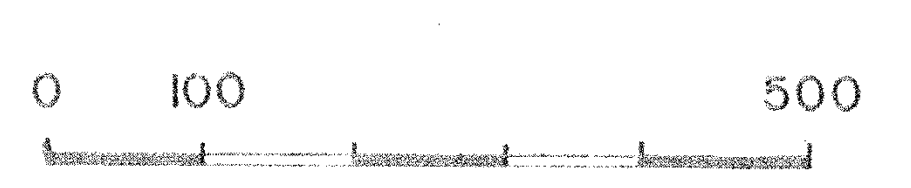
Claim Post locations were established using a 1:50,000 Topographic Map

- CRETACEOUS**
- 12 Granodiorite: Bendar Intrusive
- JURASSIC**
- 11 Diorite: Augite hornblende to quartz diorite suite, some calcite and silica rich sections
- MIDDLE TRIASSIC FERGUSSON GROUP**
- VOLCANIC-SEDIMENTARY SERIES 2**
- 10 Rhyolite tuff: bleached, light colored fine grained unit, some feldspar fragments can be seen.
 - 9 Feldspar porphyry: bleached, yellowish to rusty colored, minor hornblende can be seen.
 - 8 Chert: rusty to tan coloured and well bedded, some sections are silicified, unit contains interbeds of basic volcanics and argillites.
 - 7 Andesite: dark green to light colored and well foliated, original flow banding, pillows, ropy textures, folding can be seen locally.

- 6 Serpentine: dark green to light brown varieties of harzburgite to peridotite, some quartz-carbonate-mariposite altered areas occur.
- VOLCANIC-SEDIMENTARY SERIES 1**
- 5 Limestone: white, sugary, crystalline and well bedded, minor skarn at the contact with diorite.
 - 4 Argillite: dark, rusty, well bedded and silicified, contains greywacke and cherty interbeds.
 - 3 Chert: rusty thinly bedded often silicified, contains thin beds of argillite similar to Unit 8
 - 2 Rhyolite Breccia: light, hard and well foliated, fragments are angular felsic volcanics and cherts, pyritic fragments occur in the matrix material.
 - 1 Basalt: dark, soft and amygdaloidal, flows and flow breccia, large angular fragments and basaltic.

- Limit of rock exposure
- Contact; known, inferred
- 80° Bedding; strike dip foliation; strike dip
- ⊥ Anticline
- Fault
- Adit, trench
- Direction of glaciation
- Tarn
- Detail area

Contour Interval = 100 feet



14,518

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BY: J. ROBINS SCALE: 1:5000
DATE: DEC., 1985 DRAWN: J.R.I.G.W. FIG.

NOTE: SCREENED INFORMATION FROM NEWMONT EXPLORATION OF CANADA LTD., MARCH 1985

Map 1