

LOG NO: 0106	FD.
FILE NO:	

GEOLOGICAL REPORT ON TRENCHING PROGRAM

OK 2 CLAIM

KAMLOOPS MINING DIVISION, B.C.

NTS 82M / 4W

Lat 51° 8'

Long 119° 51'

FILED

Owner/Operator
Minnova Inc.
4th Fl - 311 Water St.
Vancouver, B.C.

SUB-RECORDER
RECEIVED
JAN 5 - 1989
M.R. # \$
VANCOUVER, B.C.

K. Curtis
D. W. Blackadar

January 2, 1989

18,216

GEOLOGICAL BRANCH
ASSESSMENT REPORT

TABLE OF CONTENTS

	Page
I. SUMMARY AND CONCLUSIONS.	1
II. INTRODUCTION	2
II.1 LOCATION AND ACCESS	2
II.2 PHYSIOGRAPHY.	5
II.3 PROPERTY AND OWNERSHIP.	5
III. REGIONAL GEOLOGY	6
IV. PROPERTY GEOLOGY	7
V. HISTORY.	8
VI. PREVIOUS WORK.	8
VII. 1988 TRENCHING PROGRAM	9
VII.1 EQUIPMENT.	11
VII.2 SAMPLING	11
VIII. RESULTS.	12
IX. BIBLIOGRAPHY	13

LIST OF FIGURES

FIGURE 1	LOCATION MAP.	3
FIGURE 2	PROPERTY MAP.	4

LIST OF TABLES

TABLE 1	CLAIM TENURE.	5
TABLE 2	SUMMARY OF TRENCHING.	10

LIST OF MAPS

		POCKET
MAP 1	TRENCH LOCATION 1:2500	2
MAP 2	OKTR88-1 GEOLOGY AND SAMPLE LOCATION 1:100 . . .	3
MAP 3	OKTR88-2 GEOLOGY AND SAMPLE LOCATION.	1
MAP 4	OKTR88-3 GEOLOGY AND SAMPLE LOCATION.	1
MAP 5	OKTR88-4,6 GEOLOGY AND SAMPLE LOCATION.	4
MAP 6	OKTR88-7 GEOLOGY AND SAMPLE LOCATION.	1

APPENDICES

- APPENDIX 1 ITEMIZED COST STATEMENT
- APPENDIX 2 ANALYTICAL SHEETS
- APPENDIX 3 STATEMENT OF QUALIFICATIONS

I. SUMMARY AND CONCLUSIONS

The OK Property, located 18 km E-SE of Barriere, B.C., was optioned from Algo Resources Limited in the summer of 1988.

A backhoe trenching program was conducted from Sept.14, 1988 to Sept.27, 1988 to expose a Pb-Ag mineralization and to test soil geochemical and I.P. geophysical anomalies. A total of 7 trenches with a combined length of 1.15 km were mapped and sampled for major and trace elements.

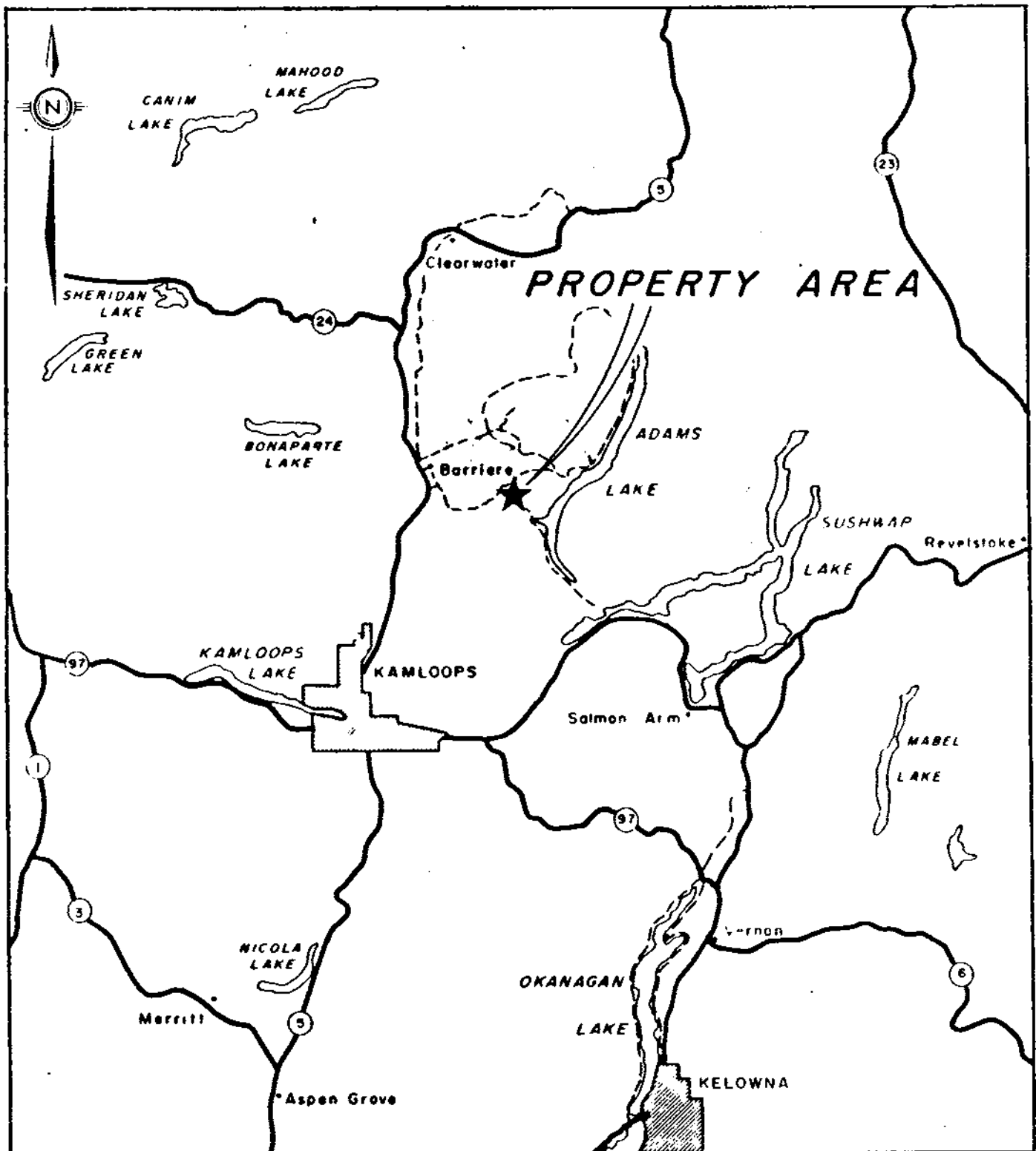
Quartz vein hosted Pb-Ag mineralization was exposed in trench OKTR88 - 1 (Scarlet Zone). Trench OKTR 88-5 intersected a zone of anomalously high amounts (>5%) of disseminated pyrite with minor galena stringers. The remaining 5 trenches failed to intersect significant mineralization.

II. INTRODUCTION

Minnova Inc. optioned the OK1 and OK2 claims from Algo Resources Limited in July of 1988. The claims were acquired to assess stratigraphic horizons close to the Samatosum/Homestake deposits for possible massive sulphides. This report presents the results of a trenching program undertaken on the OK 2 claim in the fall of 1988 and includes mapping and geochemical data.

II.1 LOCATION AND ACCESS

The OK claims are located approximately 18 km E-SE of the town of Barriere, B.C. which is itself 65 km north of Kamloops on the Yellowhead Highway. Access to lower elevations is by way of Agate Bay Road, east towards Adams Lake for approximately 25 kms to Silver Spray Falls. Higher elevations are accessible by travelling from Silver Spray Falls up the Johnson Lake Fishing Camp road for approximately 15 kms. Approximately 2 kms east of Johnson Lake, a 5 km four-wheel drive road continues up the north facing slopes of Samatosum Mountain to the OK Property. The property is outlined on government claim sheet N.T.S. 82M/4W.



- ALGO OPTION -
 - LOCATION MAP -
 DECEMBER 1988

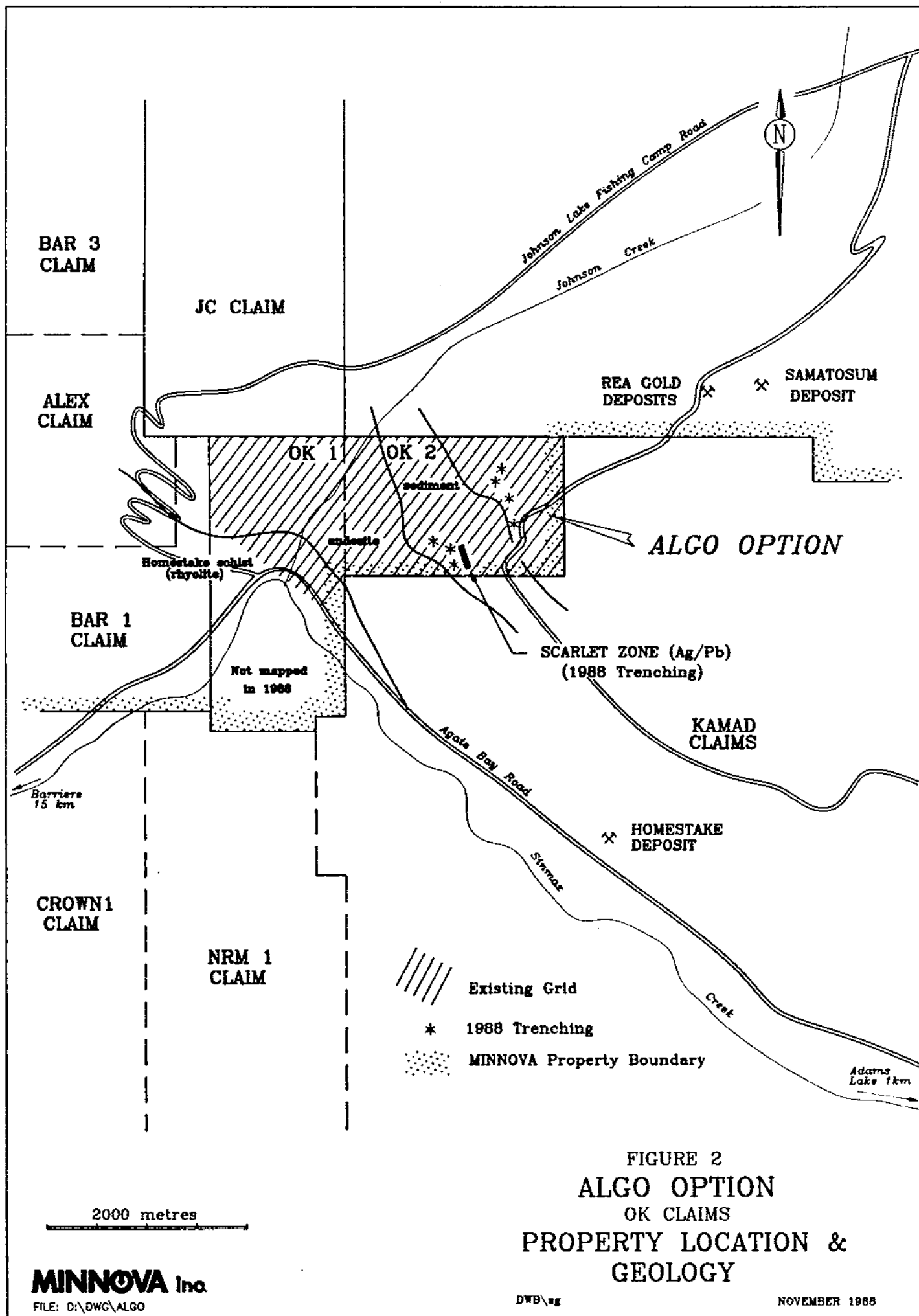


FIGURE 2
ALGO OPTION
 OK CLAIMS
**PROPERTY LOCATION &
 GEOLOGY**

II.2 PHYSIOGRAPHY

The OK claim group is located within the Shuswap Highlands District, an area typified by high, flat plains and deep valleys. The area is dry and temperate with active logging and productive farming in the Sinmax Valley.

Elevations within the claim boundary range from 500 m to 1400 m with steep, often inaccessible slopes covering much of the property.

II.3 PROPERTY AND OWNERSHIP

Figure 2 shows the location of the OK claim group. The claim group incorporates two claims, OK1 and OK2 consisting of 18 and 12 units respectively. The OK1 and OK2 claims were staked in September of 1983 and recorded in October 1983. In 1987, Algo Resources Limited gained 100% interest in the property and in the summer of 1988 optioned the ground to Minnova Inc.

Table 1

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
OK1	18	4803(10)	Oct.7/1991
OK2	12	4804(10)	Oct.7/1991

III. REGIONAL GEOLOGY

The OK claims are underlain by rocks of the Devonian-Mississippian Eagle Bay Formation, a series of volcano-sedimentary rocks with Island-Arc type affinities. The Eagle Bay Formation covers an area from the North Thompson River east to the Shuswap Metamorphic Complex and has been traced north into the vicinity of Vavenby B.C. and south to the Shuswap Lakes District. In general, stratigraphy ranges from mafic to felsic submarine volcanics and intrusions with intercalated turbidite and carbonate sequences. A series of Cretaceous granitic intrusions form the prominent Raft and Baldy Batholiths with a subsequent period of Tertiary volcanism responsible for basalt outliers in the area.

The region has undergone several phases of deformation. Tight to isoclinal folding is the most evident deformational episode during which strong foliation fabrics were developed. Westerly directed thrust faulting associated with this period of folding is also evident and major geological contacts trend

approximately 135/45° NE. The area has undergone regional lower greenschist grade metamorphism.

IV. PROPERTY GEOLOGY (Figure 2)

The OK1 and OK2 claims cover a sequence of strongly deformed and variably altered volcanic and sedimentary rocks. Due to strong metamorphic and structural overprints primary fabrics are often absent and precise lithologies difficult to determine. In this report units will be described on the basis of structural placing rather than stratigraphic placing due to uncertainties in structural analysis and incomplete geological mapping of the area.

Basal units are grouped with the Homestake Schist package (also called unit EBA by Schiarzza, B.C.G.S, 1987) a laterally extensive series of highly sheared and altered felsic to intermediate volcanics and lesser carbonaceous sediments. Overlying these units is a thick sequence of andesitic volcanoclastics which form steep south facing cliffs. This unit is in turn overlain by recessive turbiditic shales and sandstones. A felsic flow/dome sequence overlies the sediments. All detailed work described in this report pertains to the three uppermost structural units.

V. HISTORY

The Adams Lake area has undergone sporadic episodes of mineral exploration since the discovery of the Homestake deposit in the mid 1890's. Interest in the region's mineral potential was rejuvenated in 1983 with the discovery of the Rea Gold polymetallic massive sulphide deposit (see fig.2). The discovery of the nearby Samatosum deposit in 1985 further stimulated interest in the area.

The OK Claims are proximal to both the Samatosum (4 kms east) and the Homestake deposits (3 km southeast). Regional mapping undertaken by the B.C.G.S in the 1970's and early 1980's indicated the probable extension of the stratigraphy (UNIT EBA - Schriazza, 1987) hosting the Homestake Deposit, onto the OK Claims.

VI. PREVIOUS WORK

In 1986, a 42 km grid with 100 m line spacing and 25 m station intervals was established over OK 2 and part of OK 1. A subsequent Pulse Electromagnetic survey was followed by a diamond drill program totalling 350 m. In 1987, exploration activities consisted of a soil geochemistry survey over the entire grid. An

Induced Polarization survey was completed over OK 2 with a follow up diamond drilling program totalling 1200 m. This report describes the results of the trenching program undertaken by Minnova Inc. in September, 1988.

VII. 1988 TRENCHING PROGRAM

The 1988 trenching program consisted of 7 trenches totalling 1150 m. The program was initiated primarily to expose Pb - Ag mineralization (the "Scarlet Zone") discovered during the 1988 mapping project. Hand trenching had revealed a 1.5 m wide quartz vein hosting scattered pods of galena, pyrite and tetrahedrite. Selective grab samples submitted for assay graded up to 59.40% Pb and 12.43 oz/T Ag. Trenching on the Scarlet Zone was undertaken to define the nature and extent of the mineralized quartz vein system and to examine the associated stratigraphy. Trenching outside of the Scarlet Zone was undertaken to test geophysical and geochemical anomalies, and for stratigraphic information. Most trench sites were located within forest clear cut areas and with the exception of TR88-1 on the Scarlet Zone, were backfilled.

Salient data pertaining to the trenching program are summarized in Table 2. Trench geology and sample location maps at scales according to detail required are shown on the accompanying figures and maps.

TABLE 2
ALGO OPTION
SUMMARY OF TRENCHING
SEPT 14, 1988 - SEPT 27, 1988

TRENCH	FROM	TO	LENGTH	PURPOSE	RESULTS	STATUS
OKTR 88-1	22+00,11+35N	22+00E,10+25N	135 m	Test of vein and associated stratigraphy	Exposed Scarlet Zone vein system (Pb, Ag)	temporarily left open v'd for safety max depth 2 m
OKTR 88-2	21+00E,11+50N	21+00,10+20N	130 m	Test of strong Ag, Pb, Cu, Zn soil anomaly plus stratigraphy	130 m of argillite (no mineralization)	backfilled
OKTR 88-3	See Map #1		180 m	Test of strong Ag, Pb, Cu soil anomaly	Interbedded argillite and intermediate tuffs (no visible mineralization)	backfilled
OKTR 88-4	21+25E,9+00N	21+25E,8+25N	75 m	Test of stratigraphy	Exposed sediment-volcanic contact	backfilled
OKTR 88-5	24+00E,15+60N	24+00E,14+00N	60 m	Test of soil Pb, Ag, Zn anomalies and felsic sediment contact	abandoned, due to thick overburden	backfilled
OKTR 88-6	See Map #1		500 m	Test of strong Zn, Cu, Pb soil anomalies	Exposed sediment-volcanic contact and minor Pb mineralization	backfilled
OKTR 88-7	On road approx. L19E,18+30N		70 m	Test of strong soil anomalies near felsic sediment contact	Exposed shear zone in sericitic altered felsic volcanics	partially backfilled

VII.1 EQUIPMENT

A Caterpillar 235 crawler excavator was contracted to conduct trench excavations. The machine was mobilized from Barriere, B.C. to the site. Where depth of overburden exceeded machine capability, trenches were abandoned and immediately refilled.

VII.2 SAMPLING

Rock samples were taken at intervals according to lithologies encountered. A total of 67 rock samples and 21 assay samples were taken during the program. Of these 34 were analyzed for all major elements plus 8 trace elements (Ag, As, Ba, Cu, Pb, Sb, Zn, Au). A total of 6 samples were analyzed for major oxides plus 14 trace elements (Ag, Ba, Bi, Co, Cu, Ni, Pb, Sb, Sr, Zn, Cr). The remaining 27 rock samples were analyzed for 8 trace elements only. Sixteen panel assays were selected from the Scarlet Zone and analyzed for Cu, Pb, Zn, Au, and Ag. A further 5 grab - high grade samples were selected from the Scarlet Zone and assayed for Cu, Pb, Zn, Au, Ag and Sb to check for consistency and correlation of elements.

Samples were sent to Min - En Labs of North Vancouver for analysis. A standard fusion process with I.C.P finish was applied for all major elements. Au was determined by wet geochemistry while aqua - regia digestion with an I.C.P. finish method was used for other trace elements.

All sample data are provided in appendices.

VIII. RESULTS

Trenching on the Scarlet Zone (OKTR 88-1) exposed a quartz vein system over a 40 m strike length. Two apparent attitudes are present; the main set occurs at sub - parallel to foliation (280/35) attitudes while the second appears to parallel sinistral faults in the zone (215/50) (see map 2). Quartz veins are hosted within carbonaceous sediments (shales). Alteration within the zone consists of silicification and bleaching with strong limonitic staining. Mineralization is restricted to small (< 4 cm) but concentrated pods of coarse grained galena and tetrahedrite with minor sphalerite and pyrite. Pods occur within veins and as vein selvages.

Trench OKTR 88-7 exposed 20 to 30 m of 4 to 7% disseminated pyrite hosted within a quartz feldspar porphyry. Minor galena stringers were also noted and samples taken show anomolous Ag, Pb, Zn and Hg content (see map 6).

Visible mineralization (apart from 1 - 2% disseminated pyrite) was not encountered in other trenches.

IX. BIBLIOGRAPHY

Schiarizza P., Preto, V., 1988 Geology of the Adams Plateau - Clearwater - Vavenby Area, Paper 1987-2, B.C. M.E.M.P.R, Geological Survey Branch.

ITEMIZED COST STATEMENT

EQUIPMENT	Caterpillar 235 excavator, Sept 14 - 27, 1988 (George Mitchell - Ultra Diversified Construction, Barriere, B.C.) 67.5 machine hours @ \$115.00 per hour	\$ 7762.50
	Mobilization	\$ 600.00
	Demobilization	\$ 400.00
	TOTAL	\$ 8762.50

ASSAYS AND GEOCHEM

(Min - En Labs., N. Vancouver)

Trace Geochem.	27 samples @ \$ 13.25	\$ 357.75
Lithogeochemistry	41 samples @ \$ 23.50	\$ 963.50
Assays	21 samples @ \$ 36.75	\$ 771.75
	TOTAL	\$ 2093.00

SALARIES (includes Room and Board and Transportation)

D. Blackadar - project geologist	2 days @ \$350	
K. Curtis - geologist	21 days @\$250	
L. Holder - assistant	7 days @\$150	
T. Steele - assistant	4 days @\$150	
	TOTAL	\$ 7600.00

TOTAL EXPENDITURE	\$ 18455.50
-------------------	-------------



**MIN
• EN**

LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

APPENDIX 2

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: MINNOVA INC.
Project: OK #339
Attention: K. CURTIS/I. PIRIE

File: 8-1736/P1
Date: OCT 7/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
OKPA 1000	.010	4.07	.07	36.5	1.06	.03	0.001
OKPA 1001	.011	4.92	.18	30.2	0.88	.01	0.001
OKPA 1002	.008	5.20	.01	36.2	1.06	.02	0.001
OKPA 1003	.012	10.00	.01	42.2	1.23	.02	0.001
OKPA 1004	.014	1.13	.12	12.0	0.35	.01	0.001
OKPA 1005	.008	.52	.02	4.0	0.12	.01	0.001
OKPA 1006	.026	16.30	.03	129.0	3.76	.01	0.001
OKPA 1007	.061	11.50	.02	82.6	2.41	.02	0.001
OKPA 1008	.014	.02	.01	3.2	0.09	.01	0.001
OKPA 1009	.022	13.40	.02	78.0	2.28	.01	0.001
OKPA 1010	.014	23.10	.01	149.5	4.36	.01	0.001
OKPA 1011	.008	2.30	.02	14.8	0.43	.02	0.001
OKPA 1012	.016	23.30	.01	220.0	6.42	.01	0.001
OKPA 1013	.009	6.70	.01	55.2	1.61	.01	0.001
OKPA 1014	.024	16.70	.02	122.0	3.56	.02	0.001
OKPA 1015	.012	6.92	.01	57.5	1.68	.02	0.001

RECEIVED
OCT 12 1988
[Signature]

Certified by _____

MIN-EN LABORATORIES LTD.



**MIN
• EN
LABORATORIES LTD.**

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: MINNOVA INC.
Project: ALGO (OK) P.O. #339
Attention: K. CURTIS/I. PIRIE

File: 8-1744/F1
Date: OCT 12/88
Type: ROCK ASSAY

I hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	SB %	AU G/TONNE	AU OZ/TON
KG1068	.041	54.50	.03	438.0	12.78	.12	.19	0.006
KG1069	.015	57.00	.02	495.0	14.44	.13	.06	0.002
KG1070	.009	53.40	.09	372.0	10.85	.10	.10	0.003
KG1071	.036	49.80	.21	331.0	9.65	.12	.12	0.004
KG1072	.010	48.20	.02	365.0	10.65	.13	.04	0.001

Certified by

MIN-EN LABORATORIES LTD.



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7801067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: MINNOVA INC.
Project: 339 OK
Attention: I PIRIE/K CURTIS

File: 8-1657/P2
Date: OCT. 7/88
Type: ROCK GEOCHEM

I hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	BA PPM	HG PPB	AU-WET PPB
OKCT 1001	23	10	74	0.4	520	20	5
OKCT 1002	26	25	41	0.3	540	15	10
OKCT 1003	31	12	100	0.4	810	30	5
OKCT 1008	28	12	94	0.3	600	45	5
OKCT 1009	15	8	56	0.2	800	40	5
OKCT 1010	15	11	48	0.4	650	50	10
OKCT 1011	27	10	60	0.2	800	55	5
OKCT 1012	12	25	42	0.3	910	40	5
OKCT 1013	11	21	74	0.4	1410	85	5
OKCT 1014	30	11	112	0.4	820	45	5
OKCT 1015	85	11	162	0.5	1130	275	5
OKCT 1016	18	21	76	0.4	1280	150	10
OKCT 1017	48	15	170	0.4	1200	390	5
OKCT 1018	15	18	76	0.3	1800	40	5
OKCT 1019	10	70	56	0.3	920	50	5
OKCT 1020	40	36	73	0.5	2800	240	15
OKCT 1021	35	35	70	0.4	1100	105	35
OKCT 1022	13	10	25	0.2	730	385	5
OKCT 1023	5	10	6	0.3	1120	80	10
OKCT 1024	25	25	81	0.5	900	25	5
OKCT 1029	12	5	12	0.3	100	70	5

OCT 11 1988

Ans'd

Certified by _____

MIN-EN LABORATORIES LTD.



MIN-EM LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601087 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

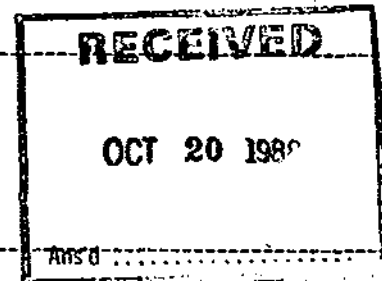
Certificate of GEOCHEM

Company: MINNOVA INC.
Project: ALGO (OK) P.O. 339
Attention: K. CURTIS/I. PIRIE

File: 8-1744/P1
Date: OCT. 13/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU FPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
OKCT1043	40	7500	121	5.4	5
OKCT1044	36	5400	111	3.6	5
OKCT1045	28	785	176	0.8	5
OKCT1046	22	530	130	0.4	5
OKCT1047	40	181	117	0.4	10
OKCT1048	96	210	120	0.2	5



Certified by

MIN-EM LABORATORIES LTD.

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:FB1) PAGE 1 OF 1

PROJECT NO: 339 DK

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

FILE NO: 8-1657/P1

ATTENTION: I.PIRIE/K.CURTIS

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

* TYPE ROCK GEOCHEM *

DATE: OCTOBER 7, 1988

(VALUES IN PPM)	AS	AS	BA	CU	PB	SB	ZN	AU-PFB	HG-PFB
OKCL1000	.6	21	62	13	17	1	69	5	35
OKCL1004	.6	21	59	33	19	1	102	5	25
OKCL1005	.6	7	72	21	19	1	117	10	25
OKCL1006	.6	16	66	18	27	1	156	5	30
OKCL1007	.6	15	83	14	16	1	120	5	20
OKCL1025	.3	1	217	17	22	1	60	5	50
OKCL1026	.3	20	192	4	31	2	56	5	180
OKCL1027	.5	1	195	15	33	1	48	5	20
OKCL1028	.5	1	82	19	20	1	59	10	40
OKCL1030	.7	14	98	10	20	2	20	5	45
OKCL1031	.9	30	71	14	43	3	14	5	75
OKCL1032	.7	17	65	15	14	2	16	5	20
OKCL1033	.3	9	53	2	20	2	26	5	30
OKCL1034	.6	18	46	3	13	2	18	5	20
OKCL1035	.8	17	45	1	19	3	27	5	15
OKCL1036	.8	14	59	2	12	1	13	5	15
OKCL1037	.7	23	80	5	17	2	25	5	25
OKCL1038	1.0	24	66	101	65	2	40	10	165
OKCL1039	.9	24	44	18	15	3	16	5	50
OKCL1040	.9	22	54	21	16	3	14	5	25
OKCL1041	.8	18	113	16	11	3	17	5	20
OKL2291	.5	17	106	1	24	2	68	5	15
OKL2292	.3	17	206	1	30	1	78	5	25

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	P2O5	SI02	SR	TIO2
OKCL1000	8.77	.053	.76	4.89	1.68	1.54	.12	.33	.12	77.01	.01	.85
OKCL1004	15.06	.089	.72	6.48	3.82	2.28	.06	.10	.20	63.43	.01	1.30
OKCL1005	14.48	.096	.02	5.18	4.29	1.01	.06	.11	.13	70.40	.01	1.05
OKCL1006	14.53	.109	.47	6.78	4.33	1.73	.04	.10	.14	64.82	.01	.83
OKCL1007	14.86	.100	.54	5.43	3.43	2.04	.07	.12	.11	68.94	.01	.85
OKCL1025	19.87	.229	.42	8.20	3.18	.72	.93	5.14	.35	57.40	.04	.70
OKCL1026	18.39	.216	.65	7.76	1.96	1.36	.63	4.96	.36	59.77	.05	.65
OKCL1027	19.28	.289	2.09	7.25	2.45	1.20	.61	5.79	.33	55.68	.07	.66
OKCL1028	18.99	.058	.94	6.88	.98	.56	.57	8.12	.41	57.97	.07	.69
OKCL1030	18.48	.200	4.23	4.15	4.43	1.37	.22	1.47	.21	58.64	.02	.42
OKCL1031	18.39	.098	.23	1.99	5.23	.73	.01	.17	.24	70.04	.01	.38
OKCL1032	14.62	.095	2.23	3.16	4.30	.64	.22	.20	.16	70.01	.01	.30
OKCL1033	17.71	.086	8.27	5.19	4.66	1.39	.56	.24	.19	53.51	.03	.39
OKCL1034	16.06	.073	3.29	2.95	3.82	.79	.15	1.18	.19	66.24	.01	.35
OKCL1035	19.57	.063	1.58	4.73	4.71	1.19	.25	.94	.23	62.41	.01	.43
OKCL1036	18.27	.083	1.47	4.18	4.92	.63	.23	1.13	.25	64.92	.01	.40
OKCL1037	17.39	.081	2.66	3.92	3.76	1.19	.16	1.85	.20	63.52	.01	.38
OKCL1038	17.03	.068	.57	4.40	4.54	.63	.09	.13	.23	65.40	.01	.37
OKCL1039	15.74	.059	.16	1.07	4.36	.50	.01	.11	.15	75.16	.01	.29
OKCL1040	14.73	.068	.17	1.11	4.16	.56	.02	.09	.15	76.25	.01	.29
OKCL1041	16.92	.124	.17	2.75	5.13	.69	.10	.05	.16	71.12	.01	.35
OKL2291	19.27	.095	.62	7.66	1.43	2.27	.33	6.07	.37	57.53	.05	.51
OKL2292	18.36	.103	.85	11.22	.94	4.28	.60	5.83	.36	51.71	.04	.67

COMPANY: MINNOVA INC.

MIR-EM LABS ICP REPORT

(ACT:FC6) PAGE 2 OF 2

PROJECT NO: 339 DK

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

FILE NO: 8-1657L/P1

ATTENTION: I. PIRIE/K. CURTIS

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

TYPE ROCK GEOCHEM

DATE: OCTOBER 7, 1988

(VALUES IN %)	ZR	S	TOT (%)
OKCL1000	.006	.47	96.61
OKCL1004	.012	2.65	96.19
OKCL1005	.008	.49	97.33
OKCL1006	.007	2.87	96.76
OKCL1007	.005	.06	96.56
OKCL1025	.006	.15	97.33
OKCL1026	.006	.07	96.84
OKCL1027	.007	.18	95.88
OKCL1028	.005	.84	97.07
OKCL1030	.005	.79	94.63
OKCL1031	.005	.04	97.56
OKCL1032	.005	.06	96.00
OKCL1033	.005	.05	92.28
OKCL1034	.005	.03	95.16
OKCL1035	.007	.03	96.16
OKCL1036	.007	.24	96.75
OKCL1037	.008	.27	95.40
OKCL1038	.006	3.75	97.23
OKCL1039	.005	.03	97.65
OKCL1040	.005	.01	97.61
OKCL1041	.006	.01	97.58
OKL2291	.008	.01	96.20
OKL2292	.008	.02	94.98

PROJECT NO: AL6010K)

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

FILE NO: B-1745L/P2+3

ATTENTION: K. CURTIS

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

TYPE ROCK GEOCHEM # DATE: OCT. 17, 1988

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	P2O5	SI02	SR	TIO2
OKCL1050	14.86	.181	6.94	2.73	2.34	.42	.23	3.47	.13	60.14	.04	.31
OKCL1051	17.78	.204	4.20	2.45	3.27	.54	.17	2.62	.19	62.48	.03	.37
OKCL1052	14.24	.137	1.42	2.45	3.38	.33	.05	.39	.17	72.73	.02	.30
OKCL1053	13.35	.127	5.44	1.64	3.10	.40	.11	.41	.16	68.77	.03	.28
OKCL1054	15.74	.182	1.37	2.58	3.80	.31	.05	.43	.17	70.38	.02	.34
OKCL1055	15.99	.164	.19	2.41	4.29	.73	.04	1.60	.17	71.28	.01	.32
OKCL1056	16.53	.122	.19	2.01	4.14	.65	.03	2.13	.19	70.71	.01	.33
OKCL1057	14.97	.213	1.08	2.72	4.27	.79	.23	1.53	.15	69.63	.01	.30
OKCL1058	16.07	.198	.62	3.40	4.88	.87	.04	.83	.21	67.14	.01	.34
OKCL1061	15.32	.102	.04	13.53	4.56	.75	.02	.51	.20	61.65	.01	.32
OKCL1066	16.30	.155	1.87	3.99	4.87	.89	.14	1.00	.16	63.99	.01	.34
OKCL1067	16.09	.166	.11	2.17	5.19	.86	.02	.03	.14	72.05	.01	.33
OKCL1042	15.12	.080	.19	6.67	3.47	2.03	.14	.13	.19	66.76	.01	1.01
OKCL1049	17.22	.222	2.79	3.19	3.66	1.18	.17	2.15	.17	63.03	.02	.36
OKCL1059	16.46	.144	.56	3.09	5.62	.48	.03	1.82	.19	66.13	.01	.33
OKCL1060	12.70	.090	.01	9.52	4.47	.64	.01	.03	.12	62.07	.01	.26
OKCL1062	16.51	.102	.10	3.27	4.80	.70	.01	.69	.19	69.26	.01	.34
OKCL1063	16.82	.121	.01	3.68	4.97	.76	.02	.68	.18	68.67	.01	.34
OKCL1064	16.72	.113	.57	4.02	5.43	.94	.06	.04	.17	65.00	.01	.34
OKCL1065	18.21	.142	.18	2.44	4.88	.94	.04	1.59	.18	67.94	.01	.37

RECEIVED

DEC 5 1988

Ans'd ..

PROJECT NO: AL60(OK)

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

FILE NO: 8-1745L/P2+3

ATTENTION: K.CURTIS

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

TYPE ROCK GEOCHEM # DATE: OCT. 17, 1988

(VALUES IN %)	ZR	S	TOT(Z)
OKCL1050	.006	.86	92.65
OKCL1051	.009	.09	94.39
OKCL1052	.006	.72	96.35
OKCL1053	.005	.13	93.95
OKCL1054	.010	.64	96.02
OKCL1055	.006	.03	97.22
OKCL1056	.006	.06	97.12
OKCL1057	.006	.57	96.46
OKCL1058	.006	1.84	96.44
OKCL1061	.009	.02	97.04
OKCL1066	.006	1.75	95.47
OKCL1067	.007	.02	97.20
OKCL1042	.011	.01	95.83
OKCL1049	.008	.02	94.18
OKCL1059	.008	1.97	96.85
OKCL1060	.005	7.50	97.40
OKCL1062	.007	1.14	97.12
OKCL1063	.006	.48	96.73
OKCL1064	.006	3.40	96.81
OKCL1065	.011	.04	96.97

COMPANY: MINNOVA INC.

PROJECT NO: AL60 OK

ATTENTION: K. CURTIS

MIN-EN LABS ICP REPORT

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

(ACT:F31) PAGE 1 OF 1

FILE NO: 8-1744/F2

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

TYPE ROCK GEOCHEM # DATE: OCT 17, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	SB	ZN	AU-PFB
OKCL1050	.3	11	115	29	71	3	25	5
OKCL1051	.5	10	122	84	80	4	25	5
OKCL1052	.6	12	107	17	58	3	28	5
OKCL1053	.5	11	105	52	57	2	33	5
OKCL1054	.6	17	135	18	51	2	34	5
OKCL1055	.7	14	183	30	75	3	31	10
OKCL1056	.7	16	149	19	59	3	34	5
OKCL1057	.8	14	392	177	59	4	64	5
OKCL1058	1.3	48	181	52	73	5	53	5
OKCL1061	6.7	1	178	41	814	1	905	5
OKCL1066	1.0	25	152	17	59	4	60	5
OKCL1067	.8	14	230	24	73	2	45	10
OKCL1042	.7	17	82	21	29	3	122	5
OKCL1049	.7	9	163	22	24	2	30	5

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 2

PROJECT NO: AL60 OK

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

FILE NO: 8-1744/F3

ATTENTION: K.CURTIS

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

* TYPE ROCK GEOCHEM * DATE: OCT 17, 1989

(VALUES IN PPM)	AG	AS	BA	BI	CO	CU	NI	PB	SB	SR	ZN	CR
DKCL1059	1.3	47	165	4	16	26	7	425	5	18	40	129
AKCL1060	9.1	141	81	4	12	23	2	455	14	6	183	144
CL1062	3.7	21	102	4	7	17	5	378	4	14	124	112
OKCL1063	1.2	59	109	4	8	8	5	155	5	17	42	127
OKCL1064	1.0	27	92	4	17	24	6	91	3	15	43	99
OKCL1065	1.0	12	114	4	11	25	8	124	2	12	165	99

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 2 OF 2

PROJECT NO: AL60 OK

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

FILE NO: 8-1744/P3

ATTENTION: K.CURTIS

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

TYPE ROCK GEOCHEM # DATE: OCT 17, 1988

(VALUES IN PPM)	AU-PPB	HG-PPB
OKCL1059	5	505
OKCL1060	15	26000
OKCL1062	5	4000
OKCL1063	5	1640
OKCL1064	5	825
OKCL1065	5	410

COMPANY: MINNOVA INC.

PROJECT NO: AL60 BK

ATTENTION: K. CURTIS

MIN-EN LABS ICP REPORT

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

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

(ACT:F26) PAGE 1 OF 2

FILE NO: B-1744L/P2+3

DATE: OCT 17, 1988

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	P2O5	SR	TIO2	ZR
OKCL1050	14.86	.181	6.94	2.73	2.34	.42	.23	3.47	.13	.04	.31	.006
OKCL1051	17.78	.204	4.20	2.45	3.27	.54	.17	2.62	.19	.03	.37	.009
XCL1052	14.24	.137	1.42	2.45	3.38	.33	.05	.39	.17	.02	.30	.006
OKCL1053	13.35	.127	5.44	1.64	3.10	.40	.11	.41	.16	.03	.28	.005
OKCL1054	15.74	.182	1.37	2.58	3.80	.31	.05	.43	.17	.02	.34	.010
OKCL1055	15.99	.164	.19	2.41	4.29	.73	.04	1.60	.17	.01	.32	.006
OKCL1056	16.53	.122	.19	2.01	4.14	.65	.03	2.13	.19	.01	.33	.006
OKCL1057	14.97	.213	1.08	2.72	4.27	.79	.23	1.53	.15	.01	.30	.006
OKCL1058	16.07	.198	.62	3.40	4.88	.87	.04	.83	.21	.01	.34	.006
OKCL1061	15.32	.102	.04	13.53	4.56	.75	.02	.51	.20	.01	.32	.009
OKCL1066	16.30	.155	1.87	3.99	4.87	.89	.14	1.00	.16	.01	.34	.006
OKCL1067	16.09	.166	.11	2.17	5.19	.86	.02	.03	.14	.01	.33	.007
OKCL1042	15.12	.080	.19	6.67	3.47	2.03	.14	.13	.19	.01	1.01	.011
OKCL1049	17.22	.222	2.79	3.19	3.66	1.18	.17	2.15	.17	.02	.36	.009
OKCL1059	16.46	.144	.56	3.09	5.62	.48	.03	1.82	.19	.01	.33	.008
OKCL1060	12.70	.090	.01	9.52	4.47	.64	.01	.03	.12	.01	.26	.005
OKCL1062	16.51	.102	.10	3.27	4.80	.70	.01	.69	.19	.01	.34	.007
OKCL1063	16.82	.121	.01	3.68	4.97	.76	.02	.68	.18	.01	.34	.006
OKCL1064	16.72	.113	.57	4.02	5.43	.94	.06	.04	.17	.01	.34	.006
OKCL1065	18.21	.142	.18	2.44	4.88	.94	.04	1.59	.18	.01	.37	.011

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F26) PAGE 2 OF 2

PROJECT NO: ALGO OK

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

FILE NO: 8-1744L/P2+3

ATTENTION: K. CURTIS

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

* TYPE ROCK GEOCHEM *

DATE: OCT 17, 1988

(VALUES IN %)	S	TOT(%)
OKCL1050	.86	92.65
OKCL1051	.09	94.39
OKCL1052	.72	96.35
OKCL1053	.13	93.95
OKCL1054	.64	96.02
OKCL1055	.03	97.22
OKCL1056	.06	97.12
OKCL1057	.57	96.46
OKCL1058	1.84	96.44
OKCL1061	.02	97.04
OKCL1066	1.75	95.47
OKCL1067	.02	97.20
OKCL1042	.01	95.83
OKCL1049	.02	94.18
OKCL1059	1.97	96.85
OKCL1060	7.50	97.40
OKCL1062	1.14	97.12
OKCL1063	.48	96.73
OKCL1064	3.40	96.81
OKCL1065	.04	96.97

STATEMENT OF QUALIFICATIONS

I, Donald William Blackadar of 3838 Regent Avenue, North Vancouver, B. C. do hereby certify that:

1. I graduated from the University of Calgary with a B.Sc. in Geology in 1975.
2. I graduated from the University of Alberta with a M.Sc. in Geology in 1981.
3. I have been a professional geologist registered in the Province of Alberta since 1978.
4. I have been employed on a full time basis in my profession since April 1975, except for two years spent at the University of Alberta.
5. I am currently employed as a Project Geologist by Minnova Inc. of 4th floor - 311 Water St., Vancouver, B.C.
6. Work reported in this volume was carried out under my direct supervision.

Date: January 5, 1989

Signature: DW Blackadar

STATEMENT OF QUALIFICATIONS

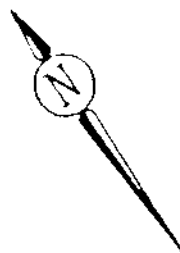
I, Kerry M. Curtis of #5 - 3636 West 16th Ave., Vancouver, B. C. do hereby certify that:

1. I am at present a fourth year student in the Department of Geological Sciences at the University of British Columbia.
2. I am currently employed on a part time basis by Minnova Inc. of 4th Fl - 311 Water St., Vancouver, B.C.

Date: JANUARY 5 / 1989.

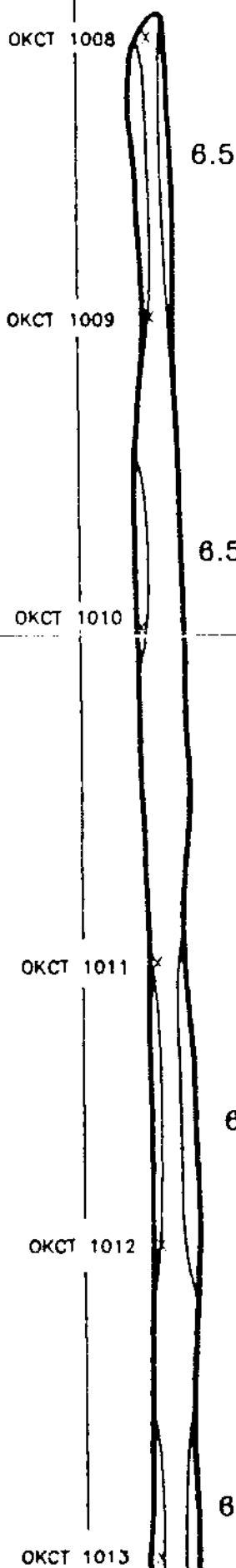
Signature: Kerry M Curtis

L 21 +00mE

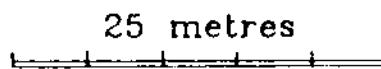


LEGEND

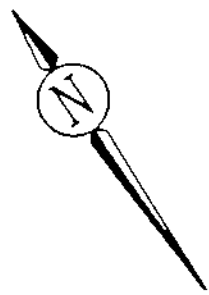
ROCK TYPE	ROCK TYPE TEXTURAL CODES
1 MAFIC VOLCANICS	1. Flow 2. Pillowed flows, breccia
2 INTERMEDIATE VOLCANICS	3. Tuff, ash tuff (fragmental: a: ankerite, b: sericite, c: unaltered)
3 FELSIC VOLCANICS	4. Lapilli tuff, lapilli and ash 5. Agglomerate (frags > 6.4mm) 6. Tuff breccia 7. Debris flow (1, 2 or 3 depending on predominant fragment types)
4 MAFIC INTRUSIONS	1. Diorite 2. Gabbro 3. Diabase
5.1 FELSIC INTRUSIONS, QPP	
6 SEDIMENTS	1. Chert, ribbon chert, chert breccia 2. Chert with breccia 3. Quartzite argillite fgr wacke 4. Quartz pebble conglomerate 5. Argillite/phyllite 6. Limestone 7. Greywacke (fgr qtz wacke) or greenwacke (contingent on shi content) 8. Limestone oobite breccia 9. Coarse wacke; t grils; t sandstone 10. Multilithic pebble conglomerate (with micaceous slata, argillite slata, etc) 11. Siltstone 12. Debris flow 13. Interbedded argillite and siltstone 14. Interbedded tuff and chert (limy phyllite)



Sample Number	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	Ba ppm	Hg ppb
OKCT 1008	28	12	94	0.3	5	600	45
OKCT 1009	15	8	56	0.2	5	800	40
OKCT 1010	15	11	48	0.4	10	650	50
OKCT 1011	27	10	60	0.2	5	800	55
OKCT 1012	12	25	74	0.3	5	910	40
OKCT 1013	11	21	112	0.4	5	1410	85

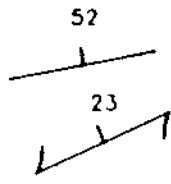


MAP No.3
ALGO OPTION
OK CLAIMS
TRENCH OKTR 88-2
GEOLOGY AND SAMPLE LOCATIONS



Road

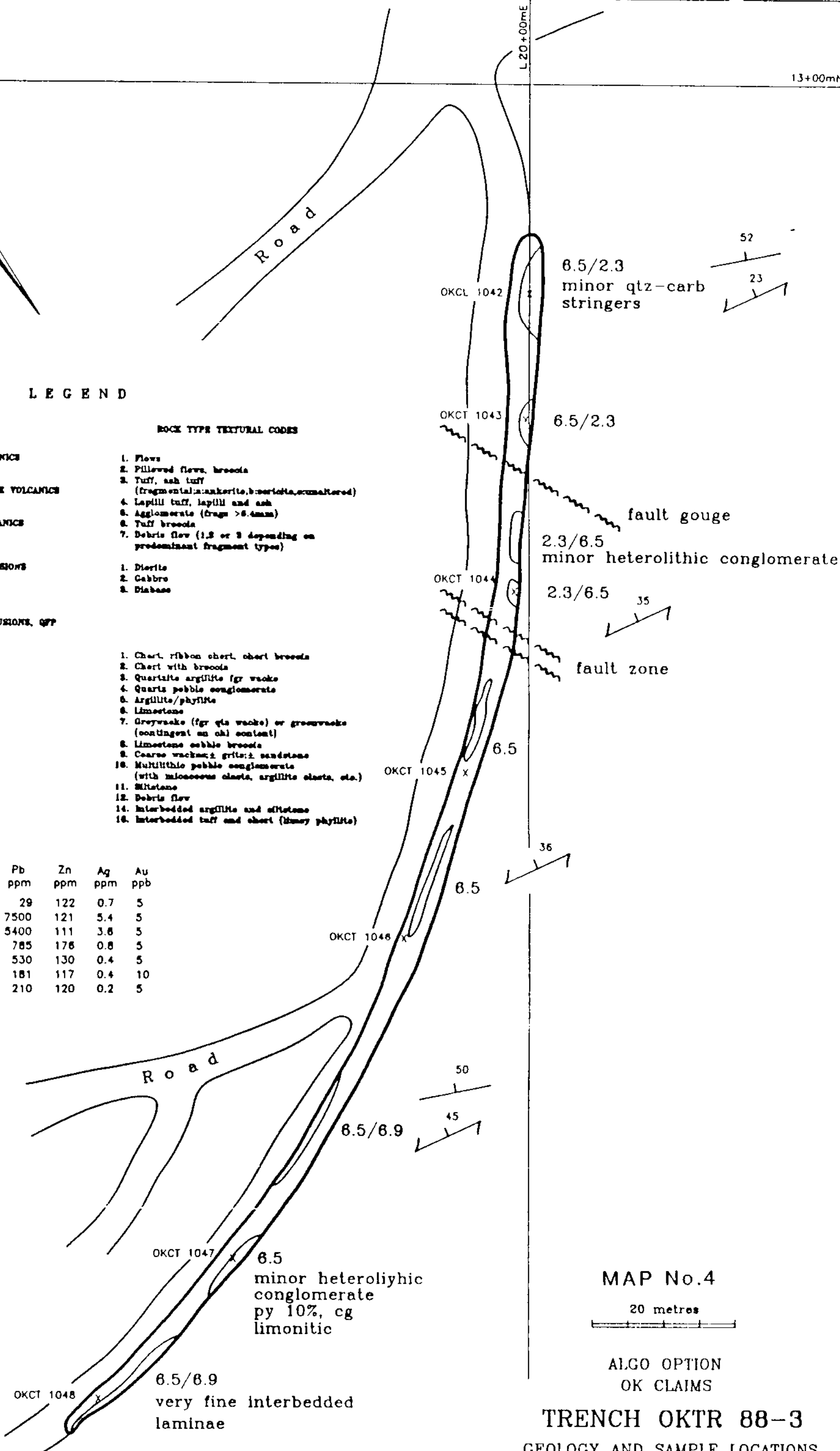
L20+00mE



LEGEND

ROCK TYPE	ROCK TYPE TEXTURAL CODES
1 MAFIC VOLCANICS	1. Flows 2. Pillowed flows, breccia
2 INTERMEDIATE VOLCANICS	3. Tuff, ash tuff (fragmental: a:ankerite, b:sericite, c:unaltered)
3 FELSIC VOLCANICS	4. Lapilli tuff, lapilli and ash 5. Agglomerate (frag > 6.4mm) 6. Tuff breccia 7. Debris flow (1,2 or 3 depending on predominant fragment types)
4 MAFIC INTRUSIONS	1. Diorite 2. Gabbro 3. Diabase
5.1 FELSIC INTRUSIONS, QPP	
6 SEDIMENTS	1. Chert, ribbon chert, chert breccia 2. Chert with breccia 3. Quartzite argillite (gr wacke) 4. Quartz pebble conglomerate 5. Argillite/phyllite 6. Limestone 7. Greywacke (fgr qtz wacke) or greenwacke (contingent on chl content) 8. Limestone cobble breccia 9. Coarse wacke; grit; sandstone 10. Multilithic pebble conglomerate (with micaceous clasts, argillite clasts, etc.) 11. Siltstone 12. Debris flow 13. Interbedded argillite and siltstone 14. Interbedded tuff and chert (limy phyllite)

Sample Number	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
OKCL 1042	21	29	122	0.7	5
OKCT 1043	40	7500	121	5.4	5
OKCT 1044	36	5400	111	3.6	5
OKCT 1045	28	765	176	0.8	5
OKCT 1046	22	530	130	0.4	5
OKCT 1047	40	181	117	0.4	10
OKCT 1048	96	210	120	0.2	5



MAP No.4
20 metres

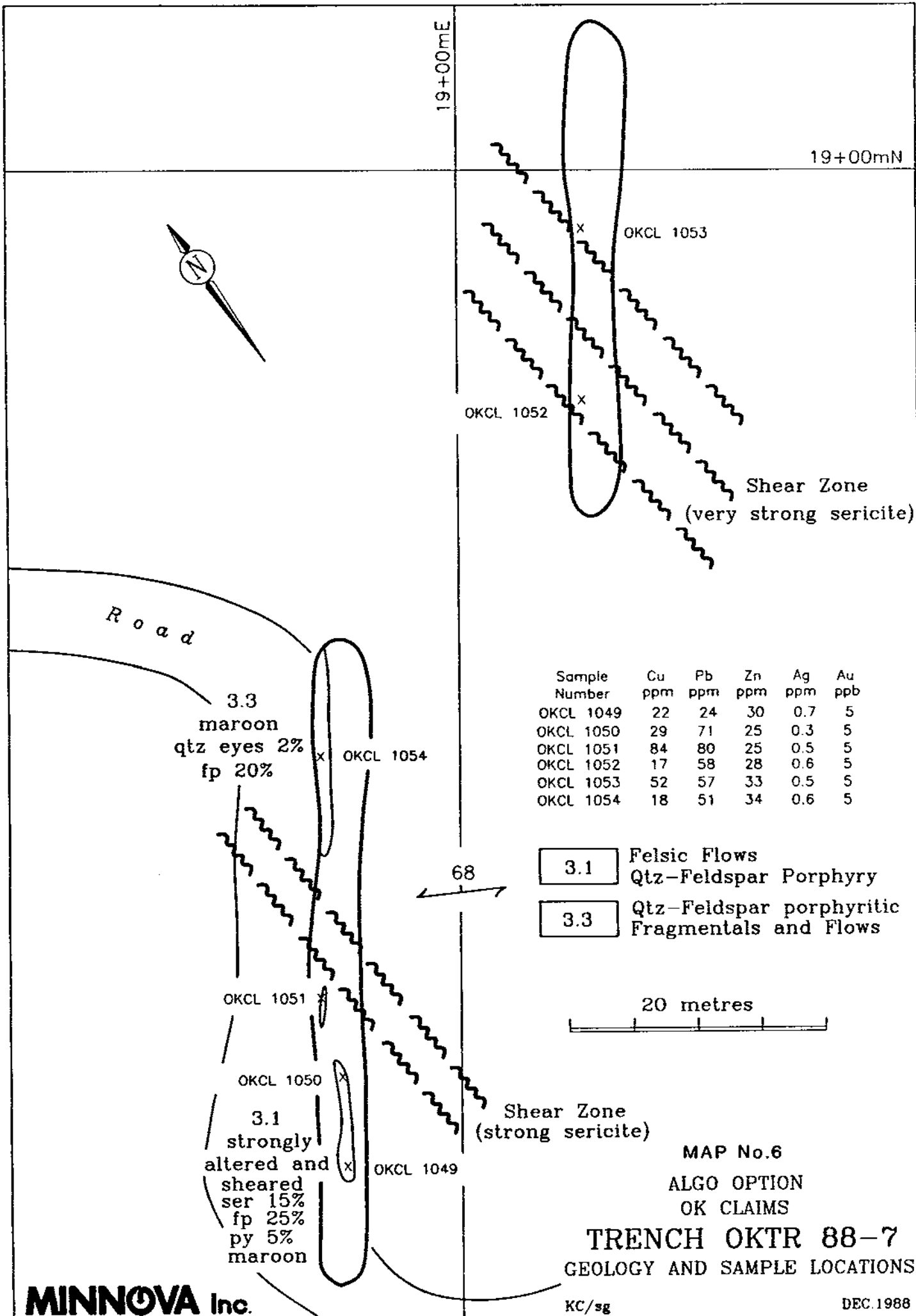
ALGO OPTION
OK CLAIMS

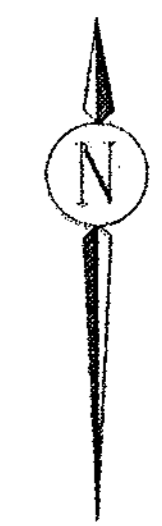
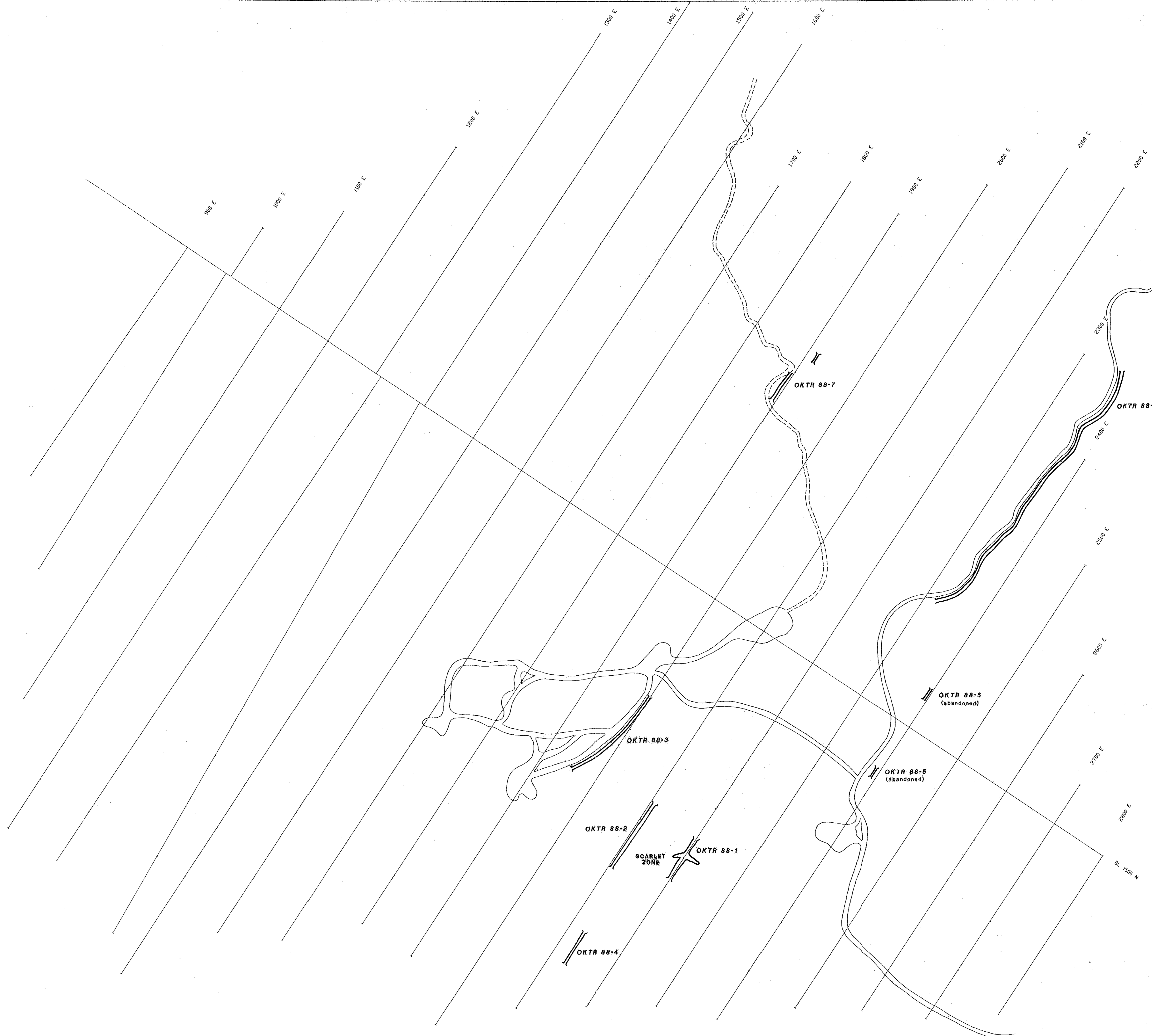
TRENCH OKTR 88-3

GEOLOGY AND SAMPLE LOCATIONS

KC/sg

DEC. 1988

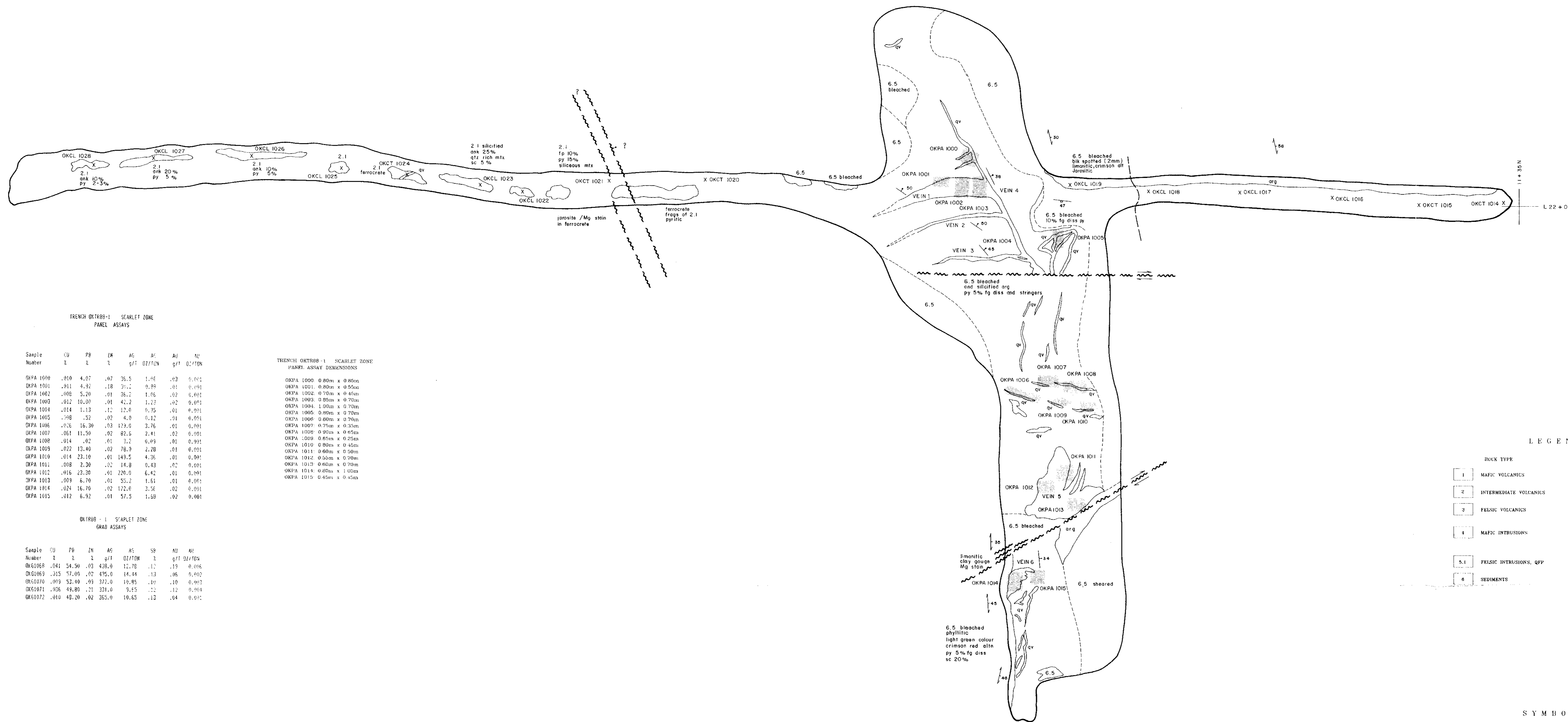
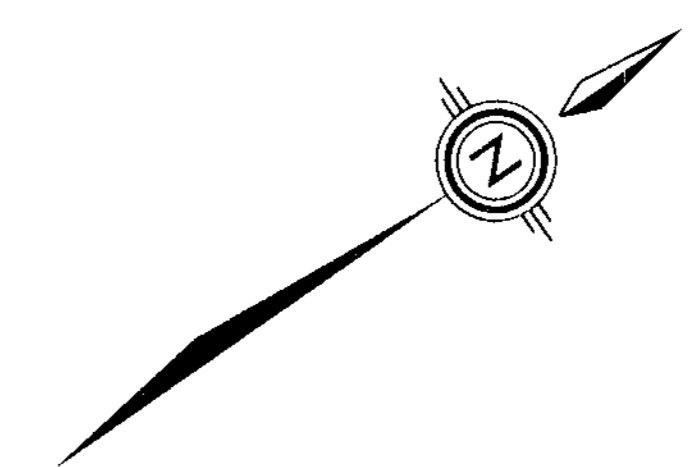




GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,216

MINNOVA Inc.		MAP No.
ALGO OPTION OK CLAIMS		1
TRENCH LOCATIONS ON OK2 GRID		
Traced by :	Approved by :	
Drawn by : KC/sg	DECEMBER 1988	0 100m
Supervised by :		SCALE 1:2500
Revised by :		



TRENCH OKTR88-1 SCARLET ZONE
PANEL ASSAYS

Sample Number	CU	FE	GM	AG	SI	AL	NI
	%	%	%	g/t	g/t	g/t	g/t
OKPA 1000	.010	4.07	.07	36.5	1.06	.02	0.101
OKPA 1001	.011	4.32	.18	37.1	0.89	.01	0.101
OKPA 1002	.008	5.20	.01	38.2	1.06	.02	0.101
OKPA 1003	.012	10.00	.01	42.2	1.23	.02	0.101
OKPA 1004	.014	1.13	.12	12.0	0.75	.01	0.101
OKPA 1005	.008	.32	.02	4.0	0.12	.01	0.101
OKPA 1006	.016	16.30	.03	170.0	0.76	.01	0.101
OKPA 1007	.061	11.50	.07	82.6	2.41	.02	0.101
OKPA 1008	.014	.02	.01	1.2	0.49	.01	0.101
OKPA 1009	.022	13.40	.02	76.0	2.09	.01	0.101
OKPA 1010	.014	23.10	.01	149.5	4.26	.01	0.101
OKPA 1011	.008	2.30	.02	14.8	0.43	.02	0.101
OKPA 1012	.016	23.20	.01	220.0	6.42	.01	0.101
OKPA 1013	.009	6.70	.01	55.2	1.61	.01	0.101
OKPA 1014	.024	16.70	.02	122.0	3.56	.02	0.101
OKPA 1015	.012	6.92	.01	51.5	1.80	.02	0.101

TRENCH OKTR88-1 SCARLET ZONE
PANEL ASSAY DIMENSIONS

OKPA 1000	0.80m x 0.80m
OKPA 1001	0.80m x 0.55m
OKPA 1002	0.70m x 0.45m
OKPA 1003	0.80m x 0.70m
OKPA 1004	1.00m x 0.70m
OKPA 1005	0.80m x 0.70m
OKPA 1006	0.70m x 0.35m
OKPA 1007	0.80m x 0.65m
OKPA 1008	0.80m x 0.25m
OKPA 1009	0.80m x 0.45m
OKPA 1010	0.60m x 0.50m
OKPA 1011	0.60m x 0.70m
OKPA 1012	0.80m x 1.00m
OKPA 1013	0.80m x 0.45m

OKTR88-1 SCARLET ZONE
GRAB ASSAYS

Sample Number	CU	FE	GM	AG	SI	AL	NI
	%	%	%	g/t	g/t	g/t	g/t
OKS1068	.041	54.30	.03	428.0	12.70	.12	0.006
OKS1069	.015	51.00	.02	475.0	14.44	.13	0.002
OKS1070	.009	52.40	.03	372.0	10.95	.10	0.003
OKS1071	.036	49.80	.21	331.0	7.65	.12	0.004
OKS1072	.010	49.20	.02	355.0	10.43	.12	0.011

LEGEND

- ROCK TYPE
- 1 MAFIC VOLCANICS
 - 2 INTERMEDIATE VOLCANICS
 - 3 FELSIC VOLCANICS
 - 4 MAFIC INTRUSIONS
 - 5.1 FELSIC INTRUSIONS, QPP
 - 6 SEDIMENTS
- ROCK TYPE TEXTURAL CODES
1. Flow
 2. Pillowed flow, breccia
 3. Tuff, ash tuff
 4. Fragmental, spherulitic, vesiculate, unaltered
 5. Agglomerate (frag > 6.4mm)
 6. Tuff breccia
 7. Debris flow (1, 2 or 3 depending on predominant fragment type)
1. Diorite
2. Gabbro
3. Diabase
1. Chert, ribbon chert, chert breccia
 2. Chert with breccia
 3. Quartzite argillite fgr wacke
 4. Quartzite pebbly conglomerate
 5. Argillite/phyllite
 6. Limestone
 7. Greenwacke (fgr qtz wacke) or greenwacke (contingent on chert content)
 8. Limestone cobble breccia
 9. Coarse wacke; gillite, sandstone
 10. Multilobe pebbly conglomerate (with micaceous clasts, argillite clasts, etc.)
 11. Siltstone
 12. Debris flow
 13. Interbedded argillite and siltstone
 14. Interbedded tuff and chert (heavy phyllite)

SYMBOLS

- Outcrop
- Geological contact (intrusive)
- ~ Fault
- ~ Foliation
- ~ Jointing
- ~ Altitude (quartz vein)
- x Sample location

18,216
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

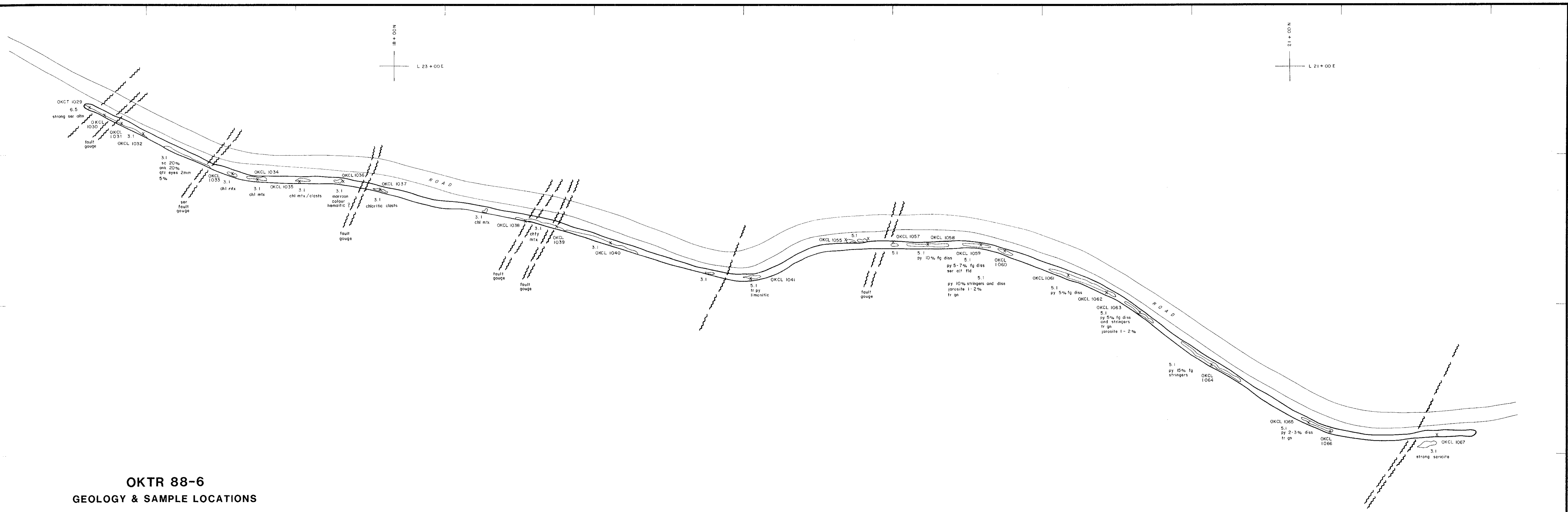
MINNOVA INC.

ALGO OPTION

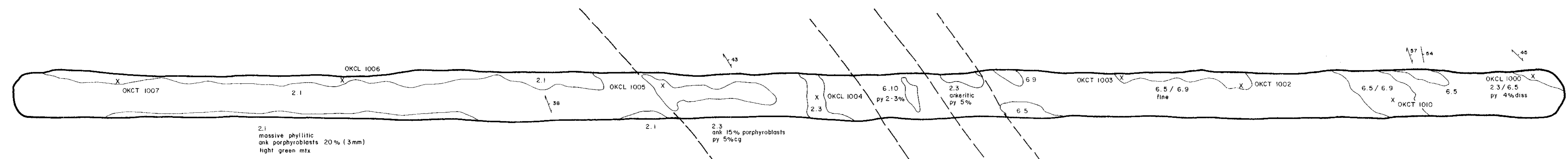
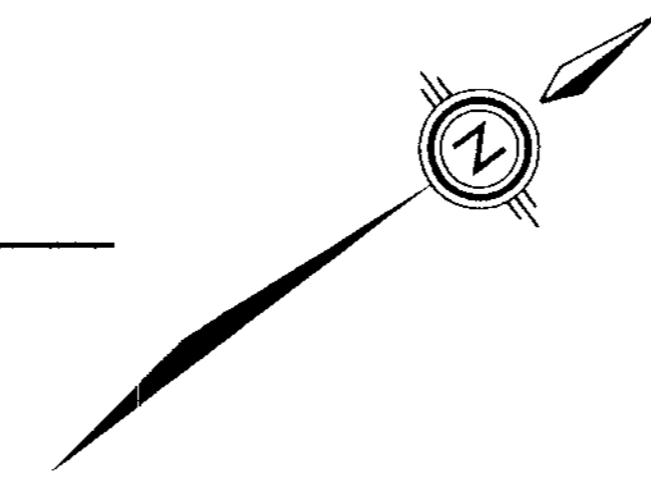
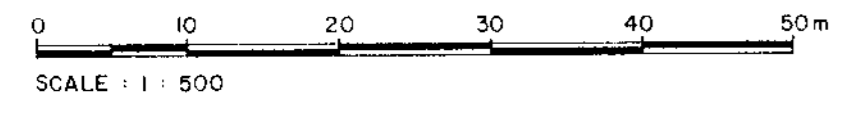
OK CLAIMS
**SCARLET ZONE
TRENCHING**
(OKTR 88-1)

SCALE: 1:100

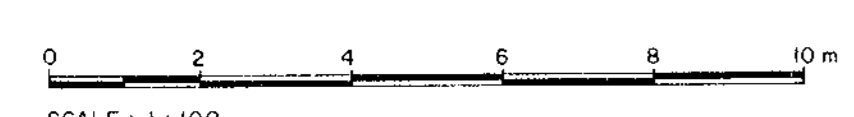
N.T.S. 82M/4W	MAP:
DRAWN BY: KC/sg	2
DATE: DEC. 1988	



**OKTR 88-6
GEOLOGY & SAMPLE LOCATIONS**



**OKTR 88-4
GEOLOGY & SAMPLE LOCATIONS**



LEGEND

ROCK TYPE	ROCK TYPE TRENCH CODES
1 MAFIC VOLCANICS	1 Flow*
2 INTERMEDIATE VOLCANICS	2 Pillowed flow, breccia
3 FELSIC VOLCANICS	3 Tuff, ash tuff (fragmental and/or breccia, counterflow)
4 MAFIC INTRUSIONS	4 Lava flow, agglomerate and ash
5.1 FELSIC INTRUSIONS, QPP	5 Agglomerate (frag > 6.4mm)
6 SEDIMENTS	6 Tuff breccia
	7 Breccia flow (1,2 or 3 depending on predominant fragment type)
	8 Quartzite
	9 Gabbro
	10 Diabase
	11 Chert, ribbon chert, chert breccia
	12 Chert with breccia
	13 Quartzite argillite fgr wacke
	14 Quartz pebble conglomerate
	15 Argillite/pyritite
	16 Limestone
	17 Greenwacke (fgr qtz wacke) or greenwacke (containing on chert content)
	18 Limestone oolite breccia
	19 Gneiss wacke/giltz sandstone
	20 Multistatic pebble conglomerate (with micaceous clasts, argillite clasts, etc)
	21 Siltstone
	22 Breccia flow
	23 Interbedded argillite and siltstone
	24 Interbedded tuff and chert (limy pyritite)

SYMBOLS

- Outcrop
- Geological contact (intrusive)
- Fault
- Foliation
- Interting
- Altitude (quartz vein)
- Sample location

18,216
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

MINNOVA Inc.
 ALGO OPTION
 OK CLAIMS
**OKTR 88-6, OKTR 88-4
 TRENCH LOCATIONS**

SCALE: AS SHOWN

N.T.S. B2M/4W	MAP:
DRAWN BY: KC/Sg	5
DATE: DEC.1988	