

ASSESSMENT REPORT

on

DIAMOND DRILLING

on the

NOVA CLAIM GROUP

formerly the NEBULA (Assessment Report # 25476)

NOVA 1 (20 UNIT 4-POST CLAIM)

and NOVA 2 – 15 (2-Post) Mineral Claims

situated in the

FORT STEELE MINING DIVISION

NTS 82F/9E

BCGS 82F059 AND 82G060

LATITUDE 49° 31'

LATITUDE 116° 12'

Owner/Operator: ALLEN WHALEY

General Delivery

Silverton, B.C.

V0G 2B0

Author: FRANK O'GRADY, P.Eng. SURVEY BRANCH

587 Wallinger Avenue

Kimberley, B.C.

V1A 1Z8

April 25, 2000

26,250

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INTRODUCTION

The **NOVA Group** consists of 14 two-post claims, with record numbers:

<u>claim name</u>	<u>record #</u>	<u>claim name</u>	<u>record #</u>
NOVA 2	357423	NOVA 9	357430
NOVA 3	357424	NOVA 10	357431
NOVA 4	357425	NOVA 11	357432
NOVA 5	357426	NOVA 12	357433
NOVA 6	357427	NOVA 13	357434
NOVA 7	357428	NOVA 14	357435
NOVA 8	357429	NOVA 15	357436

and 1 four-post claim of twenty units, with record number:

NOVA 1 357442

The claims are situated in the Fort Steele Mining Division (Claim Map, Map 5).

The claim group is situated on the east side of Hell Roaring Creek, 9 kilometers south of St. Mary Lake (or 35 kilometers west of Cranbrook), and is centered at Latitude 49° 31' and Longitude 116° 12' (Map 1, Map 2).

Access to the claim group is by proceeding north from Cranbrook on King Street, which becomes Wycliffe Road, for a distance of 11.1 kilometers to where the Perry Creek Road branches west. Follow the Perry Creek Road a distance of 2 kilometers to where the River Road branches north. Follow the River Road a distance of approximately 20 kilometers to St. Mary Lake. Proceed along the road on the south side of St. Mary Lake approximately 1 kilometer to where the Hell Roaring Creek Road branches west. Follow the Hell Roaring Creek Road a distance of 14 kilometers to where Branch E road branches to the east. Follow Branch E a distance of 3 kilometers to the drill site (Map 3, Map 4).

The NOVA (formerly Nebula) Property lies on the east side of Hell Roaring Creek on a west-facing slope. The elevation of the western boundary of the claim group is at an elevation of 1,380 meters (4500') and ranges to 2000 meters (6500') on the eastern boundary. The lower portion of the claim group is clear-cut logged while the upper portion of the claim group is covered with spruce, balsam and pine trees.

The claim group is owned and operated by Allen Whaley of Silverton, B.C. Mr. Whaley acquired the claim group by staking the NEBULA claims (now included in NOVA 1) in 1994 and staking the additional NOVA claims in 1997. The claims were staked to cover a Hg (mercury) soil anomaly.

The property was subsequently drilled as follows:

1994	collar to 138.4 meters (collar to 450')	assessment filed
1996	138.4 meters to 214.46 meters (450' to 697')	assessment work not filed
1997	214.46 meters to 288.3 meters (697' to 937')	assessment filed.
1999	288.3 meters to 498.2 meters (937' to 1619')	assessment filed with this report

Sulphide mineralization in minor amounts was encountered in Drill Hole 94-1 as follows:

- @ 308 meters, minor chalcopyrite, galena and possible sphalerite
- @ 312.12 meters, a 30 cm zone of chlorite alteration with minor chalcopyrite
- @ 313.3 meters, minor chalcopyrite and chlorite alteration
- @ 321.3, 5 cm section of chalcopyrite in vugs

During 1999 the work performed on the property consisted of deepening Hole 94-1 a total of 209.9 meters (682') from 288.3 meters (937') to 498.2 meters (1619'). The diameter of the core is BQ.

Proterozoic sediments of the Kitchener formation underlie the NOVA 1 claim where Hole 94-1 is collared (Map 6). (This hole is on included claim NEBULA 1).

DRILLING

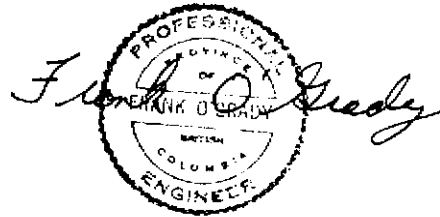
During 1999 drilling was conducted on the only hole on the property to test the mercury anomaly. This hole is designated 94-1 and is located on claim NOVA 1 (Map 7). Hole 94--1 was formerly on 2-post claim NEBULA 1. Claim NEBULA 1 has since been included in 4-post claim NOVA 1 (Appendix 2). The core from Hole 94-1 is stored in its entirety at Frank O'Grady's rural property at 7428 Wycliffe Road, Wycliffe, BC.

In 1999 Hole 94-1 was deepened from 288.3 meters (937') to 498.2 meters (1619'), for a total of 209.9 meters (682'). Hole 94-1 was drilled at an azimuth of 0 degrees and an declination of 75 degrees. The diameter of the core is BQ. The elevation of the collar of the hole is approximately 1538 meters (5000') above sea level.

Frank O'Grady, P.Eng. logged the 209.9 meters of core from the 1999 drilling at a rural property south of Cranbrook, BC on April 19, 2000. The core logs form Appendix 1 of this report. The core has since been transported to Frank O'Grady's rural residence at 7428 Wycliffe Road, Wycliffe, BC.

CONCLUSION

The author recommends to Mr. Whaley that he sediment sample the creeks in the immediate vicinity of Drill Hole 94-1 to determine if there is mineralization in the area that may have caused the mercury anomaly.



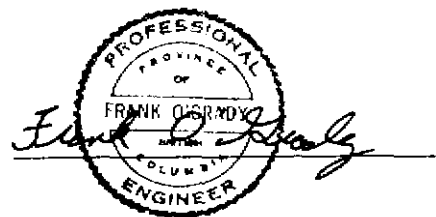
ITEMIZED COST STATEMENT
NOVA GROUP EXPENDITURES

Diamond Drilling: July 30 – August 8, 1999 Beaupre Diamond Drilling Ltd., 682 feet plus mob & demob, meals & accommodation	\$21,066.00
Labour, Allen Whaley Drill supervision, hauling core, July 30,31; August 1,2,3,4,5,6,7 and 8, 1999 10 days @ \$200./day	2,000.00
Vehicle Operation July 30,31; August 1,2,3,4,5,6,7 and 8, 1999 10 round trips x 70 km x .38/km	266.00
Report Preparation & Logging Core, Frank O'Grady, P.Eng. April 19 & April 25, 2000 2 days @ \$400./day	800.00
Miscellaneous Expenses Telephone, fax, freight, postage	150.00
TOTAL	\$24,282.00

AUTHOUR'S QUALIFICATIONS

I, Frank O'Grady, of 587 Wallinger Avenue, Kimberley, British Columbia V1A 1Z8, (250) 427-5670, hereby certify that:

1. I am a graduate of the University of British Columbia, B.Sc. Geology, 1969.
2. I am a graduate of the University of Missouri – Rolla (Missouri School of Mines), B.S. Mining Engineering, 1977.
3. I am a registered Professional Engineer in the province of British Columbia since 1978.
4. I have practiced my profession as a Geologist since 1969 and as a Geologist/Mining Engineer since 1977.
5. I have no interest, either directly or indirectly, in the NOVA property, nor do I expect to receive any interest.
6. This report dated April 25, 2000 is based on logging the 1999 drill core from the NOVA group and two previous assessment reports on the NEBULA (now NOVA) claims. It is also based on published and unpublished maps and reports, and on discussions with the owner of the property.



Frank O'Grady, P.Eng.
April 25, 2000

BIBLIOGRAPHY

GSC Map 15-1957 St. Mary Lake
Geology by G.B. Leech

Diamond Drill Report, NEBULA CLAIMS
By G.M. Rodgers, P.Eng., July 20, 1995

Allen Whaley, personal communication

Diamond Drill Report, NEBULA CLAIMS (Assessment Report # 25476)
By Frank O'Grady, P. Eng. April 8, 1998

APPENDIX 1

NOVA Mineral Claims
formerly the NEBULA (Assessment Report # 25476)

DIAMOND DRILL LOG

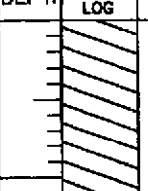
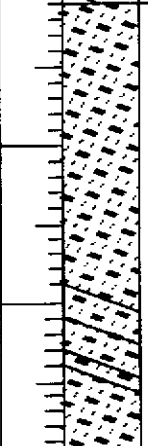
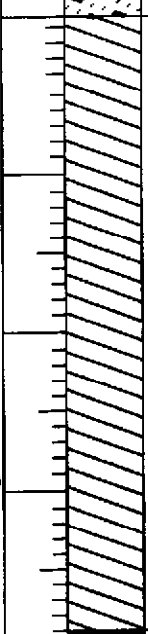
Hole 94 – 1

288.3 meters to 498.2 meters

Logged by: Frank O'Grady, P.Eng.
587 Wallinger Avenue
Kimberley, B.C.
V1A 1Z8

April 19, 2000

DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK MTS B2F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1618')		O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 209.9 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30, 1999	DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS	
940				THIN BEDDED GR. ARGILLITE @943.0 RECTANGULAR & CRESCENT SHAPED CALCITE		TOP .11 METER CLEAN UP MATERIAL SIMILAR TO FAULT GOUGE	
950							
960							
970				@ 970.0 BANDS OF QUARTZ .05, .2, & .05" WIDE TO C.A. @971.25 .25" BAND OF QUARTZ GREY WITH BROWN INCLUSIONS			
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

DRILLING LOG		CLIENT ALLEN WHALEY			JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK MTS 82F/9E				ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.			DRILLER		GEOLOGIST FRANK O'GRADY P. ENG		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')		DEPTH ROCK DRILLED 208.9 m (682')		% CORE REC. 95% PLUS		DATE STARTED JULY 30,1999
								DATE COMPLETED AUGUST 8, 1999
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS		
980				THIN BEDDED GREEN ARGILLITE TO 981.0 ●969.5 FRACT.FILLED WITH SIDERITE				
990				GREY MUDSTONE, VERY THIN BEDDED, CRENUATED AND OCCASIONAL VEINLET // TO BEDDING		301.75M		
1000				THIN BEDDED GR. ARGILLITE .02 M FRACTURE ● 1010.5 WITH PYRITE CHPY. & GALENA SERICITE ALT. OF HOST ROCK				
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1		

DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS B2F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG.		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 488.2m (1619')		O.B. THICKNESS 10.46 m (34')		DEPTH ROCK DRILLED 208.9 m (688')		% CORE REC. 95% PLUS	
				DATE STARTED JULY 30, 1999		DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS	
				BROKEN SECTION, LIGHT TO MED. GREEN GOUGE MATERIAL WITH HIGH CLAY CONTENT			
1020				THIN BEDDED ARGILLITE WITH CRENUATIONS MINOR BEDS OF VERY PALE GREEN QTZT.		1024.0 TO 1025.0, ZONE OF CARBONATE WITH MINOR CHALCOPYRITE AND CHLORITE ALTERATION	
						1028, 2 CARBONATE VEINLETS WITH PYRITE MINOR CHALCOPYRITE AND CHLORITE ALTERATION	
1030							
1040							
1050						●1054, 5 CM. SECTION OF CHALCOPYRITE IN VUGS	
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS 82F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG.		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 209.9 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30,1999	DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE X	DESCRIPTION	BREAKS	REMARKS	
				DARK GREEN CRENLATED MUDSTONE			
1060				MED. GREEN ARGILLITE, SOME CRENLATIONS SERICITE ON SOME BEDDING PLANES		1061 - 1063 INTERMITTENT QUARTZT. BEDS. @1063 10 CM ZONE OF SIDERITE & CHLORITE ALTERATION	
1070				DARK GREY MUDSTONE, THIN BEDDED SERICITE ON FRACTURES TRANSITION BACK TO GR. ARGILLITE		326.10m	
				THIN BEDDED GREEN ARGILLITE			
1080				DARK TO MED. GREEN MUDSTONE			
				MED. GREEN ARGILLITE		●1086.0 MINOR VEINLET OF BLUE HUE CARBONATE	
1090				DARK GREEN, THIN BEDDED MUDSTONE			
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

DRILLING LOG		CLIENT ALLEN WHALEY			JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS 82F/9E				ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.			DRILLER		GEOLOGIST FRANK O'GRADY P. ENG		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')		DEPTH ROCK DRILLED 209.8 m (682')		% CORE REC. 95% PLUS		DATE STARTED JULY 30, 1999
DATE COMPLETED AUGUST 8, 1999								
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS		
				DARK GREEN THIN BEDDED MUDSTONE (1095. - 1100 INCLUDED IN THIS SECTION)				
1110				THIN BEDDED GREEN ARGILLITE		@1124 QTZ.-CARBONATE VEINLET .5 CM WITH MINOR CHLORITE 341.3M		
1120				THIN TO MED. BEDDED DARK GREY MUDSTONE				
1130								
1140						@1144 // TO BEDDING 2 CM. QTZ.-CARBONATE VEINLET WITH MINOR PYRITE & CHLORITE		
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1		

DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1			
LOCATION HELLROARING CREEK NTS 82F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES				
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG.		DRILL TYPE AND BIT SIZE BQ			
TOTAL DEPTH 498.2m (1618')		O.B. THICKNESS 10.46 m (34')		DEPTH ROCK DRILLED 209.9 m (682')		% CORE REC. 95% PLUS			
				DATE STARTED JULY 30, 1999		DATE COMPLETED AUGUST 8, 1999			
ELEV.	DEPTH	GRAPHIC LOG	CORE #	DESCRIPTION	BREAKS	REMARKS			
1150				THIN TO MED. BEDDED DARK GREY MUDSTONE		Ø1152 MINOR SLUMP STRUCTURE WITH VERY FINE DISSEMINATED PYRITE			
1160									
1170								356.6M	
1180								1183.0 - 1183.75 QUARTZ VEIN WITH BLEBS OF PYRITE	
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1			

DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK MTS B2F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG.		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 209.8 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30,1999	DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS	
1190				THIN TO MED. BEDDED DARK GREY MUDSTONE			
1200						365.8M	
1210				DARK TO MED. GREY MUDSTONE FINE TO MEDIUM BEDDED			
1220							
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS 82F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG.		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 208.8 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30, 1999	DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS	
				MUDSTONE			
				THIN BEDDED GREEN ARGILLITE			
1230							
1240						378M	
						@1244.5 5 CM GOUGE ZONE SERICITE & CHLORITE	
1250							
1260							
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS B2F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG.		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 209.9 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30, 1999	DATE COMPLETED AUGUST 8, 1999	

ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS
1270				THIN BEDDED GREEN ARGILLITE		
1280						384M
1290						
1300						Ø1302 2CM QUARTZ VEIN // TO BEDDING MINOR PYRITE BLEBS

PROJECT NOVA GROUP (FORMERLY NEBULA)	JOB NO.	HOLE NO. 94-1
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DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS 82F/0E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')		DEPTH ROCK DRILLED 209.8 m (682')		% CORE REC. 95% PLUS	
				DATE STARTED JULY 30, 1999		DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS	
1310				THIN BEDDED GREEN ARGILLITE			
1320						402.34M	
1330							
1340							
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

DRILLING LOG	CLIENT ALLEN WHALEY	JOB NUMBER	HOLE NUMBER 94-1
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LOCATION HELLROARING CREEK NTS 82F/9E	ELEVATION TOP OF HOLE 1538 m	HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES	
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CONTRACTOR BEAUPRE D.D. LTD.	DRILLER	GEOLOGIST FRANK O'GRADY P. ENG	DRILL TYPE AND BIT SIZE BQ
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TOTAL DEPTH 498.2m (1619')	O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 208.9 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30, 1999	DATE COMPLETED AUGUST 8, 1999
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ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS
1350				THIN BEDDED GREEN ARGILLITE		
1360						414.5M
1370						①1369.5 4 CM QUARTZ VEINLET // TO BEDDING, NO SULPHIDES
1380						

PROJECT NOVA GROUP (FORMERLY NEBULA)	JOB NO.	HOLE NO. 94-1
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DRILLING LOG		CLIENT ALLEN WHALEY			JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS 82F/0E				ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.			DRILLER		GEOLOGIST FRANK O'GRADY P. ENG		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 495.2m (1619')		O.B. THICKNESS 10.46 m (34')		DEPTH ROCK DRILLED 208.9 m (682')		% CORE REC. 95% PLUS		DATE STARTED JULY 30, 1999
								DATE COMPLETED AUGUST 8, 1999
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS		
				PURPLE THIN BEDDED ARGILLITE				
	1390			ZONE OF INTERBEDDED FINE GRAIN SILTSTONE AND VERY PALE GREEN ARGILLITE 2 - 4CM EACH				
				TRANSITION FROM PREVIOUS TO THIN BEDDED GREEN ARGILLITE				
	1400			THIN BEDDED GREEN ARGILLITE		@1395.5 // TO BEDDING 3.5 CM OF MED GRAIN GREEN TO GREY SANDSTONE 426.7M		
	1410			PURPLE THIN TO MEDIUM BEDDED ARGILLITE				
	1420							

PROJECT NOVA GROUP (FORMERLY NEBULA)

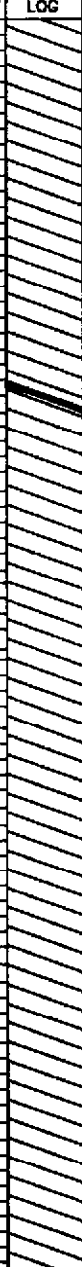
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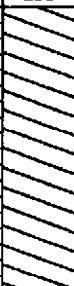

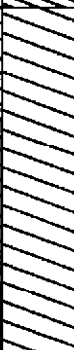
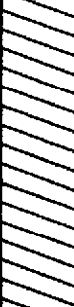
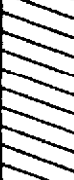
HOLE NO.

94-1

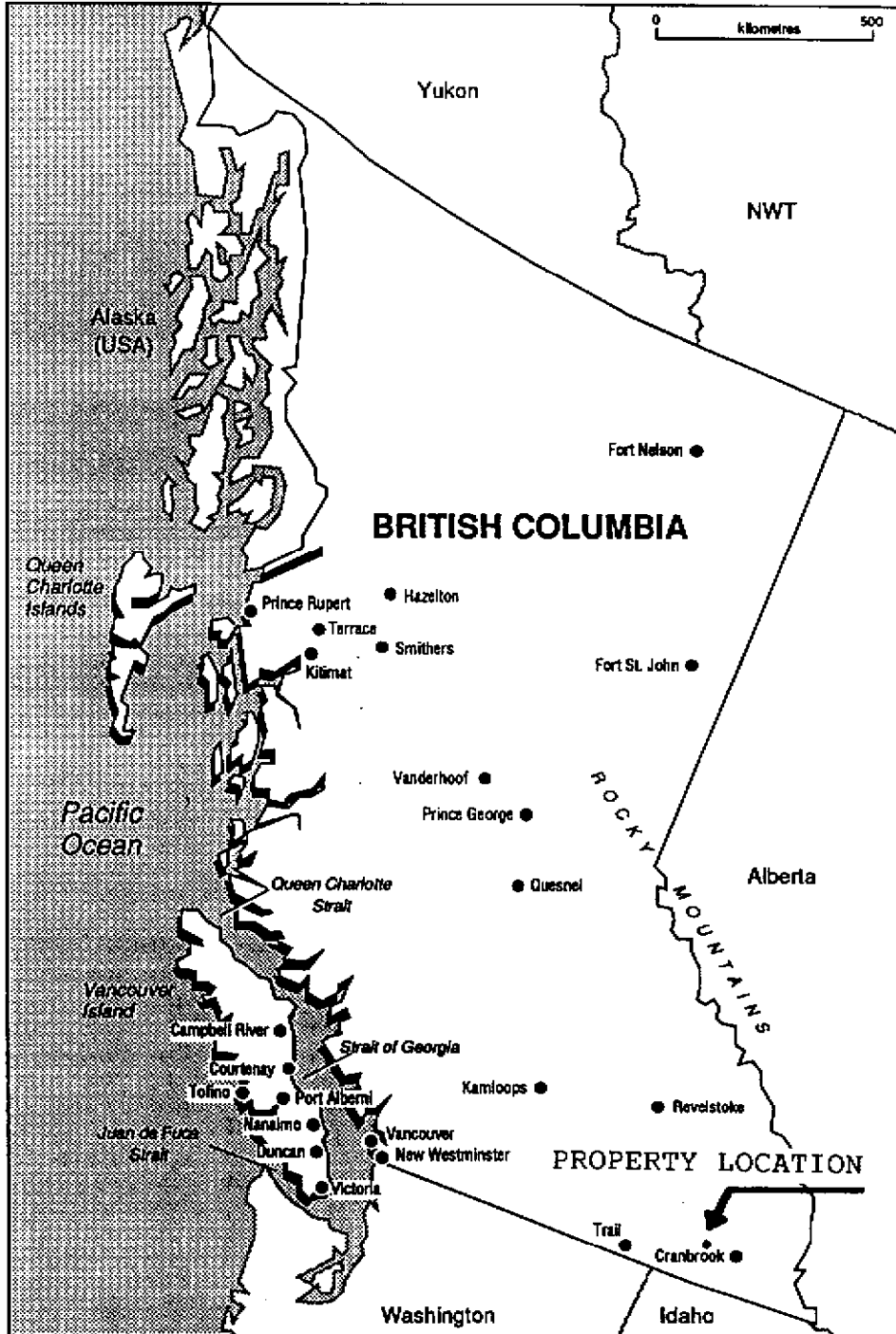
DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS 82F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG.		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 209.9 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30, 1999	DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE X	DESCRIPTION	BREAKS	REMARKS	
				PURPLE THIN TO MED. BD. ARGILLITE			
1430				PURPLE QUARTZITIC ARGILLITE			
						440M	
1440							
				TRANSITION FROM PREVIOUS TO GREEN ARGILLITE			
1450				THIN BEDDED GREEN ARGILLITE			
1460							
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS 82F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 208.9 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30, 1999	DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS	
1470				THIN BEDDED GREEN ARGILLITE			
1480						451 M	
1490						● 1493.0 5 CM. VEINLET OF QUARTZ FELDSPAR // TO BEDDING WITH MINOR CHLORITE	
1500							
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

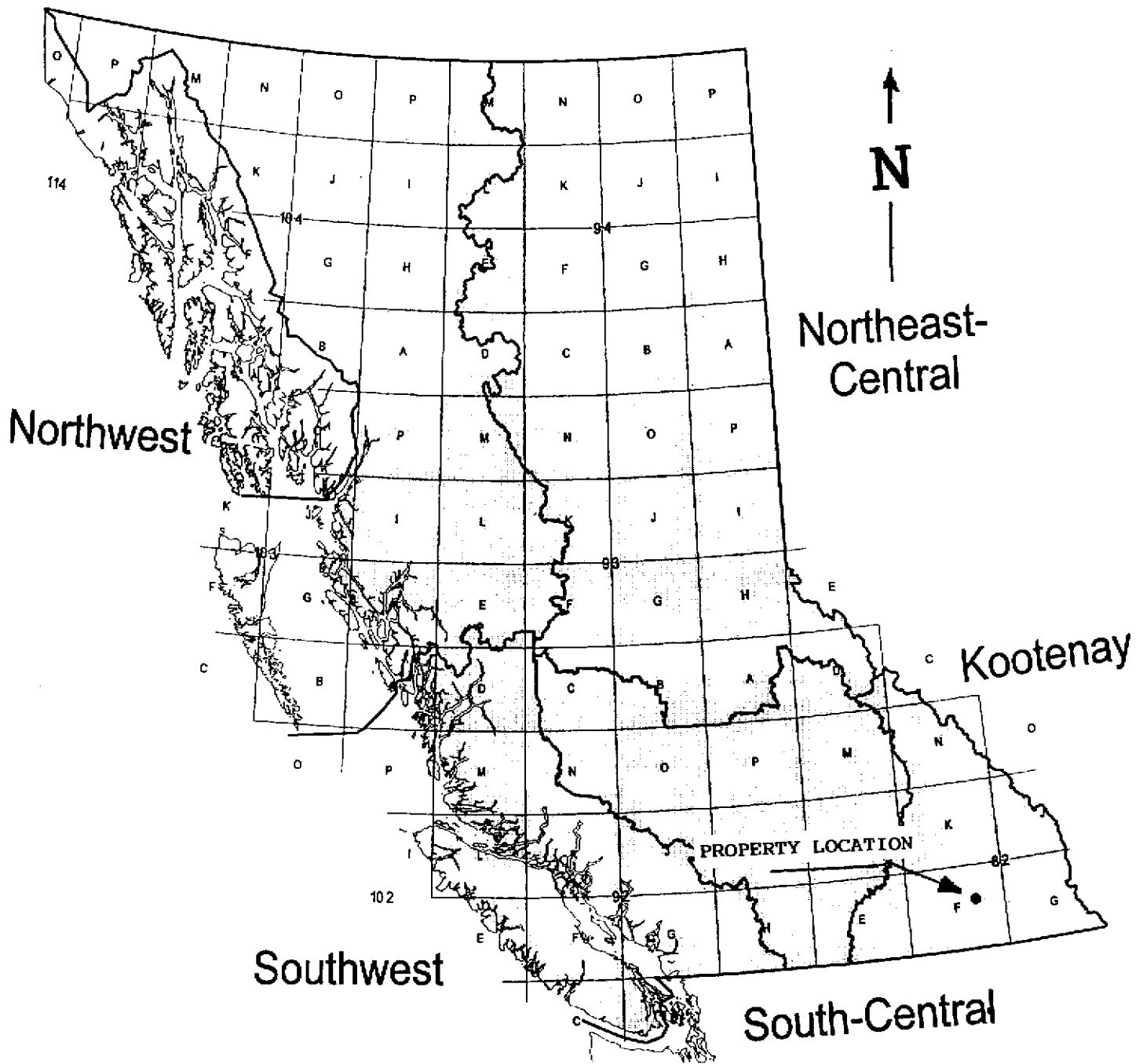
DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS 82F/9E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 208.8 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30,1999	DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS	
1510				THIN BEDDED GREEN ARGILLITE		● 1517.0 2 CM QUARTZ VEIN // TO BEDDING WITH MINOR CHLORITE 463.3M	
1520							
1530							
1540							
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

DRILLING LOG		CLIENT ALLEN WHALEY		JOB NUMBER		HOLE NUMBER 94-1	
LOCATION HELLROARING CREEK NTS 82F/0E			ELEVATION TOP OF HOLE 1538 m		HOLE ATTITUDE -75 DEGREES AZIMUTH 0 DEGREES		
CONTRACTOR BEAUPRE D.D. LTD.		DRILLER		GEOLOGIST FRANK O'GRADY P. ENG		DRILL TYPE AND BIT SIZE BQ	
TOTAL DEPTH 498.2m (1619')		O.B. THICKNESS 10.46 m (34')	DEPTH ROCK DRILLED 209.9 m (682')	% CORE REC. 95% PLUS	DATE STARTED JULY 30,1999	DATE COMPLETED AUGUST 8, 1999	
ELEV.	DEPTH	GRAPHIC LOG	CORE %	DESCRIPTION	BREAKS	REMARKS	
1550				THIN BEDDED GREEN ARGILLITE			
				THIN BEDDED PURPLE ARGILLITE			
1560				THIN BEDDED GREEN ARGILLITE		475.8M	
1570							
1580				HOLE ENDS AT 1619 FEET 498.2 METERS		2 LARGE PYRITE CRYSTALS @ 1600	
PROJECT NOVA GROUP (FORMERLY NEBULA)				JOB NO.		HOLE NO. 94-1	

British Columbia

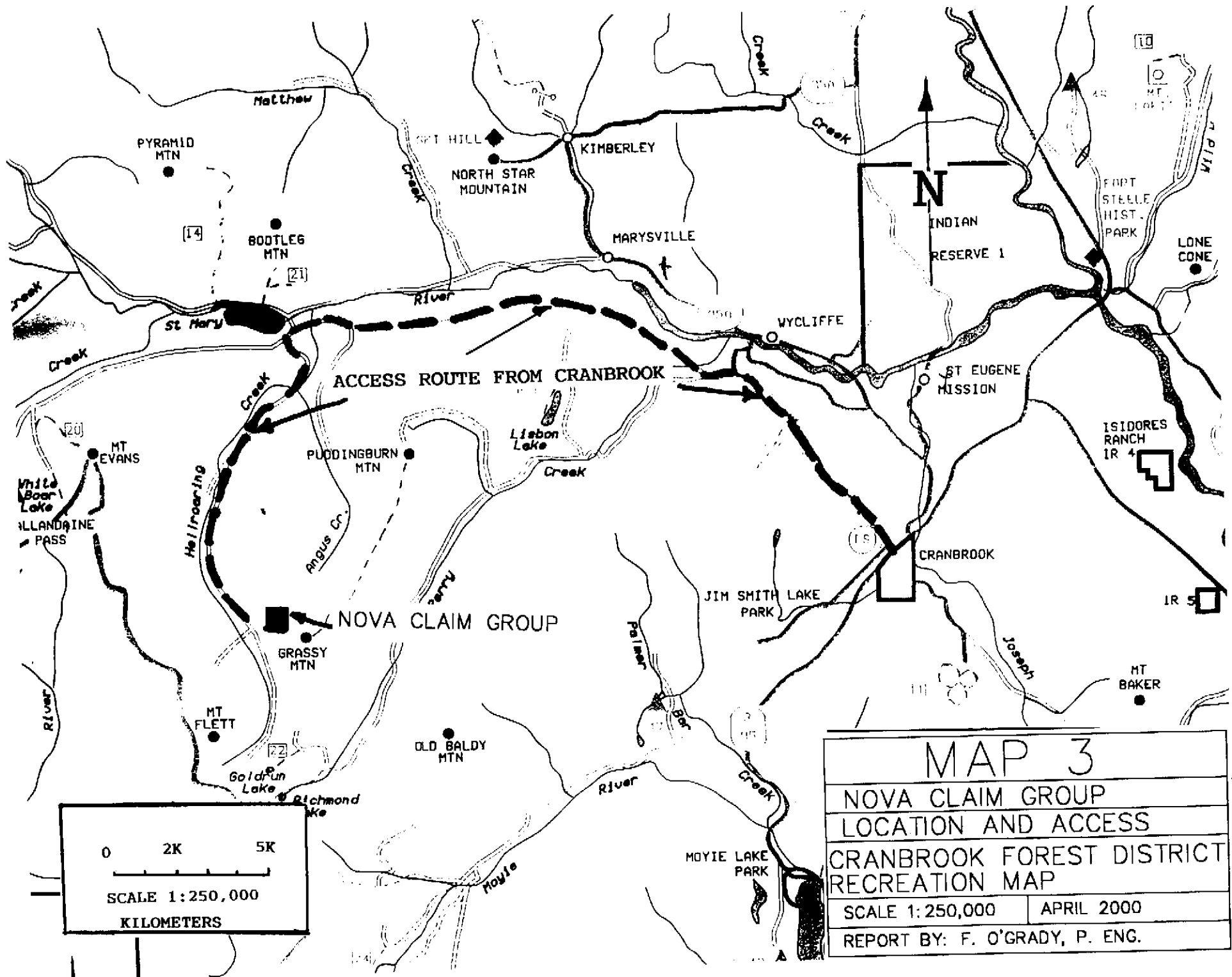


MAP 1
NOVA CLAIM GROUP
PROVINCIAL LOCATION
REPORT BY: F. O'GRADY P. ENG
APRIL 2000



Prospectors Assistance Program - Guidebook 1998

MAP 2	
NOVA CLAIM GROUP	
PROVINCIAL LOCATION	
NTS SYSTEM	APRIL 2000
REPORT BY F. O'GRADY, P. ENG.	



SL 43

ST MARY LAKE

2789

SL 28

SL 30

13055

SL 53

SL 40

SL 39

pudding

Bennet Creek



4592

ACCESS ROAD

Crook Creek

13079

13078

13080

90

89

88

R A N G I N G

NOVA CLAIM GROUP

Hellyhoaring

5600

86

85

84

MAP 4

NOVA CLAIM GROUP

ACCESS FROM ST. MARY LAKE

SCALE 1:50,000

NTS 82F/9E

F. O'GRADY, P. ENG

APRIL 2000

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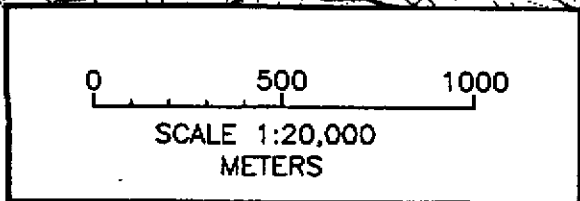
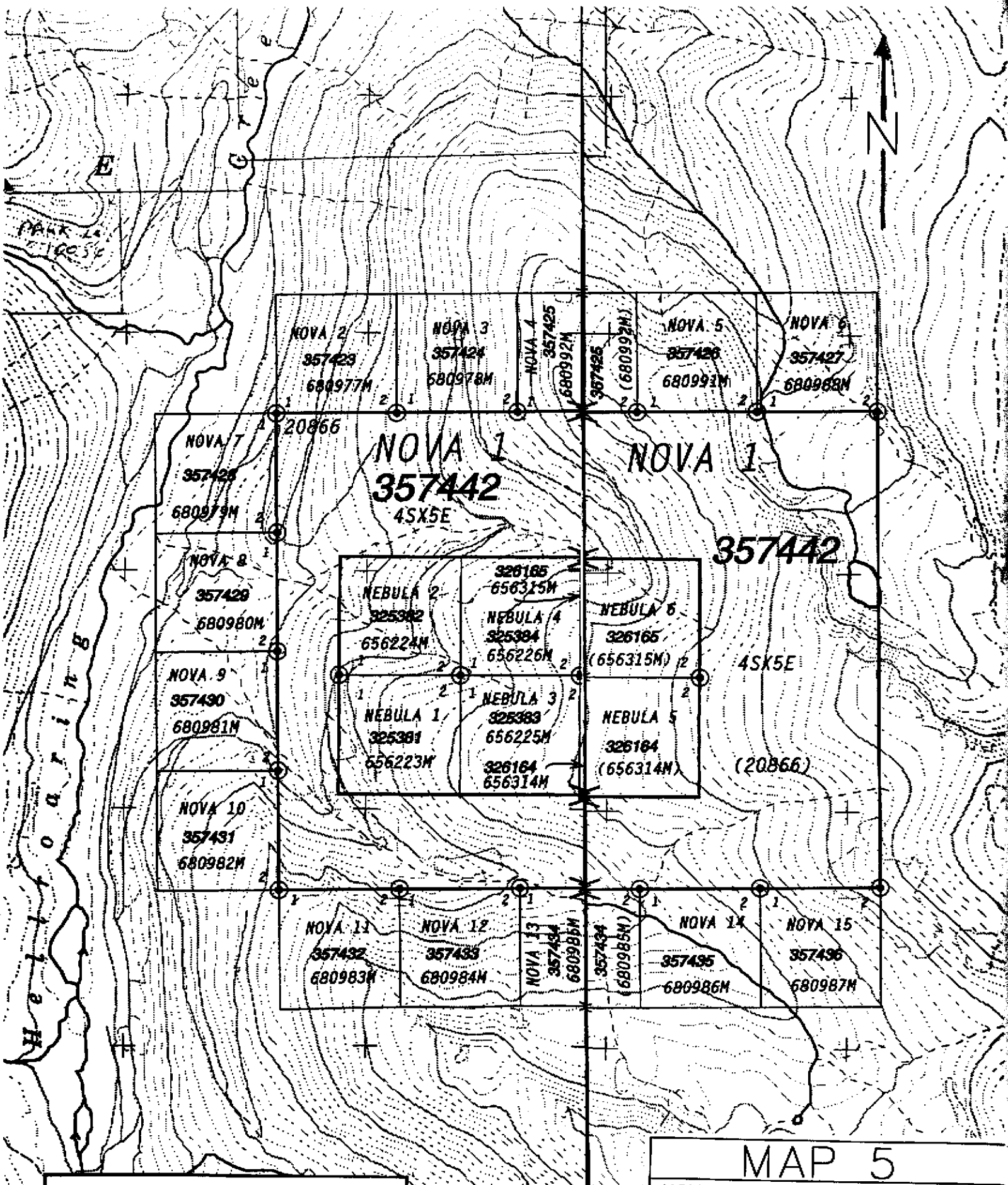
1K

2K

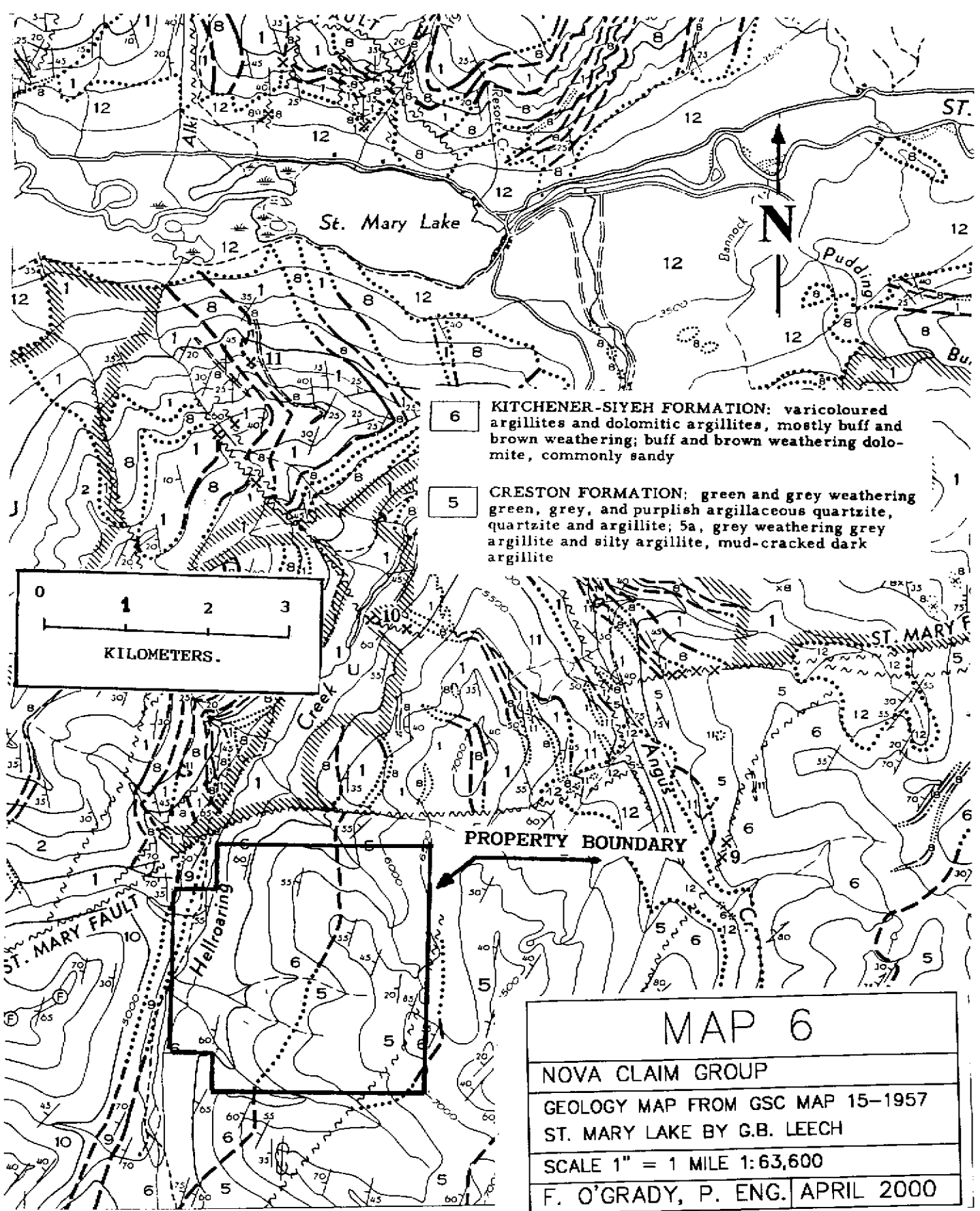
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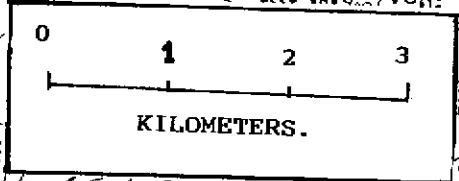
KILOMETERS



MAP 5
 NOVA CLAIM GROUP
 MINERAL TENURES 82F059 & 82F060
 SCALE 1:20,000 | APRIL 2000
 REPORT BY: F. O'GRADY, P. ENG.



- 6 KITCHENER-SIYEH FORMATION: varicoloured argillites and dolomitic argillites, mostly buff and brown weathering; buff and brown weathering dolomite, commonly sandy
- 5 CRESTON FORMATION: green and grey weathering green, grey, and purplish argillaceous quartzite, quartzite and argillite; 5a, grey weathering grey argillite and silty argillite, mud-cracked dark argillite



MAP 6

NOVA CLAIM GROUP	
GEOLOGY MAP FROM GSC MAP 15-1957	
ST. MARY LAKE BY G.B. LEECH	
SCALE 1" = 1 MILE 1:63,600	
F. O'GRADY, P. ENG.	APRIL 2000

