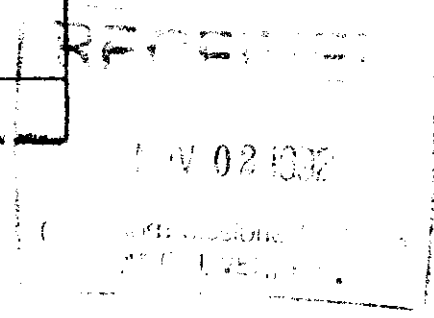


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ASSESSMENT REPORT



SAMPLING PROGRAM

**CLAIM FQ8282
SINGLE POST CLAIM, 16 UNITS
KAKWA LAKE AREA, CARIBOO MINING DIVISION**

MAP SHEET 93H/16E

**LOCATION OF SOUTHWEST CORNER OF CLAIM
53° 57' 20" N, 120° 13' 30" W**

**CLAIM OWNER: MR. BILL BURTON
OPERATOR: THE SAGE GROUP INC.
CALGARY, ALBERTA**

AUTHORS:

**ALEX BURTON, P. ENG. (BRITISH COLUMBIA)
JAMES F. PERRY, P. ENG. (ALBERTA)**

**OCTOBER 29 1992 GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,619

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**ASSESSMENT REPORT - CLAIM FQ8282
KAKWA LAKE AREA, CARIBOO MINING DIVISION**

INTRODUCTION

Location

Claim FQ8282 is located south and east of Wishaw Lake, southwest of Kakwa Lake in the Kakwa Lake Recreation Area of northeastern B.C., about 160 air kilometres east of Prince George.

The claim covers part of the northern face Mt. Wishaw. The formation of interest is the Lower Cambrian Mahto formation, part of the Gog Group. The upper part of the formation outcrops at the foot of Mt. Wishaw, directly south of Mariel Lake. The outcrop is about 50 m. in surface extent in a north - south direction, and it dips more than 30 degrees to the south. Strike is almost east - west.

Access

Access to the claim is by helicopter. There is a road into the area from the Alberta side, but it is only suitable for light all-terrain vehicles. Another road, used in times past, starts at the end of the Walker Creek Forestry Road and follows the McGregor River valley into the area. The road has not been maintained, and bridges over Bastille Creek and Buchanan Creek were destroyed years ago. The claim is shown on Map 1.

History

The claim immediately to the northwest of FQ8282 was the location of a test quarry operated by Canroc International Corporation in the early 1980's. A report dated August 17, 1983 by J.F. McIntyre, P. Eng., titled "Report on Engineering, Geology and Feasibility Considerations, Proposed Wishaw Lake Quartzite Quarry" describes the Canroc project and its history.

FQ8282 was staked in 1989, when interest in the area was expressed by The Sage Group Inc. of Calgary.

Current Owner and Operator

FQ8282 was staked as a single post claim in August of 1989. The holder of record is Mr. Bill Burton of Richmond, B.C. The Sage Group Inc., now headquartered in Calgary, is the operator.

Economic Assessment

The sampling program described in this report was undertaken to establish if the Mahto quartzite outcrop which occurs on the claim to the northwest occurs on FQ8282, and if so, to determine the quality of the quartzite present, as well as the extent of the outcrop. An assessment of the practicality of quarrying dimension stone on the claim was also an objective.

Other economic factors, such as quarrying costs, shipping cost, cutting and polishing cost, and marketing costs are not within the scope of this report.

WORK PERFORMED

Objectives

There were two objectives of the sampling program. First, the extent and colour range of the quartzite present on the claim was to be estimated. Second, sufficient physical samples were to be collected to allow estimation of the quality of the quartzite.

Procedure

Part of a day was spent in examining the claim. A helicopter chartered from Yellowhead Helicopters Ltd. was used to gain access to the area and to return to McBride.

Three rock samples were collected during the investigation. Map #2 shows the location from which each sample was obtained. Table #1 gives details of each sample.

INTERPRETATION OF RESULTS

- 1) There is an outcrop of the upper part of the Mahto formation on claim FQ8282. This outcrop can be traced on the surface northwest to the old Wishaw Lake quarry.
- 2) The outcrop consists of a greyish white quartzite which is not fully metamorphosed. When examined under a microscope, many of the grains appear to be unfused, and the rock breaks in a fashion similar to that seen in a sandstone. It is a dirty grey colour, with speckling of darker grains. This stone is unlikely to be suitable for dimension stone purposes.

CONCLUSION

It is the authors' opinion that the quartzite which occurs in outcrop on claim FQ8282 is probably not suitable for dimension stone purposes. It may be that below this outcrop the same quality of rock which was quarried at the Wishaw quarry may exist. However, that part of the formation would be buried under a considerable amount of overburden. In addition, the level of the swampy ground south of Mariel Lake intersects the outcrop such that any excavation would probably soon fill with water.

TABLE #1; SAMPLES

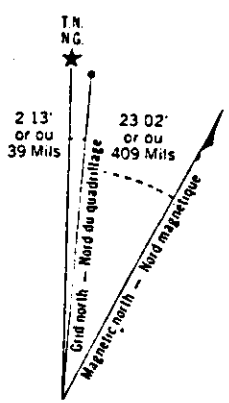
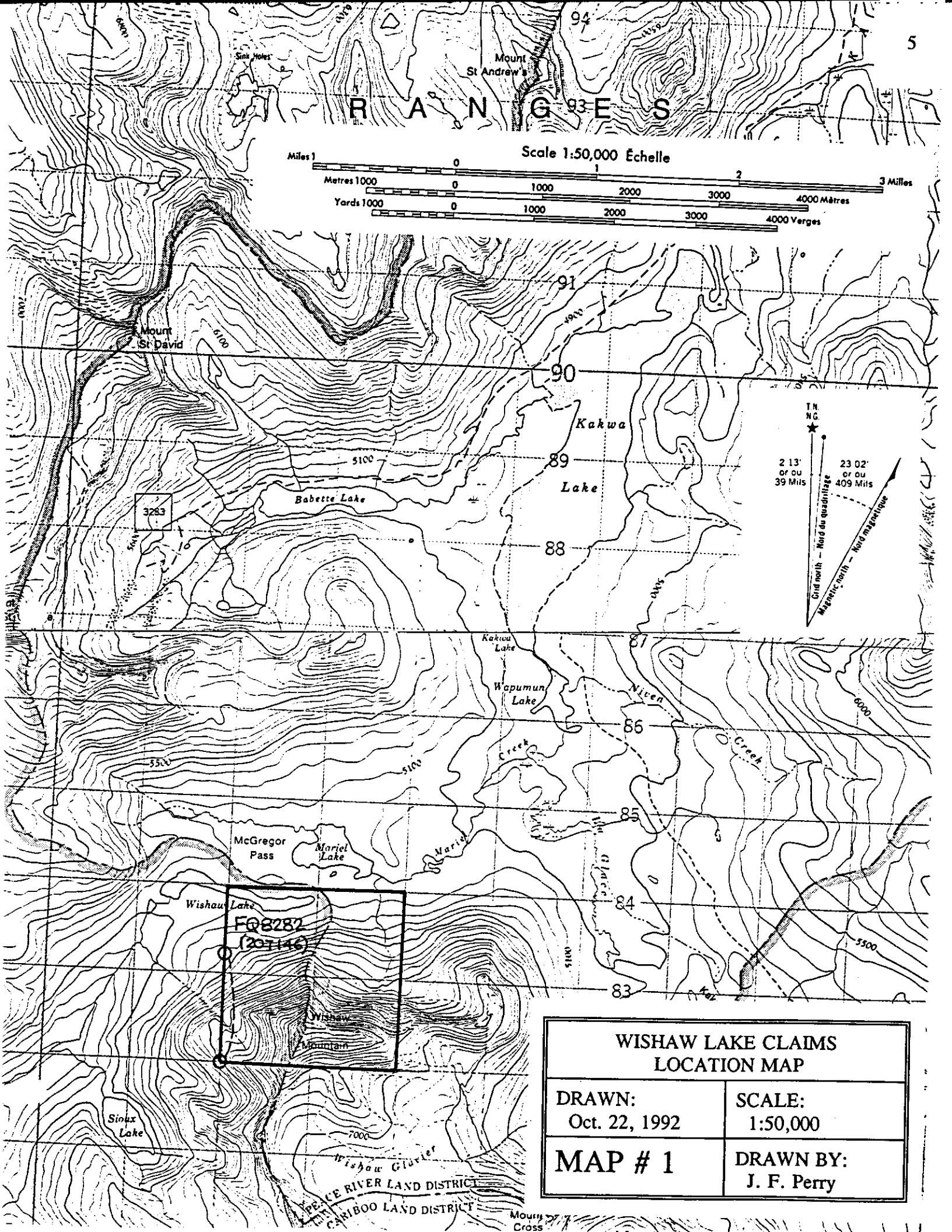
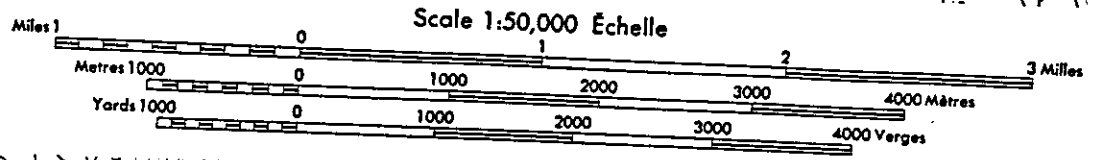
#	LOCATION	DESCRIPTION
1	South of Mariel Lake, at foot of outcrop, in situ	Mahto formation; white-grey poorly metamorphosed quartzite, speckling of darker grains
2	South of Mariel Lake, about 3m up from foot of outcrop, in situ	Mahto formation; white-grey poorly metamorphosed quartzite with a purplish tint; speckling of darker grains, 1mm in diameter
3	South of Mariel Lake, about 10m from foot of outcrop, in situ	Mahto formation; white-grey poorly metamorphosed quartzite; speckling of darker grains, some of which are light brown in colour

TABLE # 2: ITEMIZED COST STATEMENT

WISHAW LAKE CLAIM SAMPLING PROGRAM

Claim Numbers:	FQ8282	Map Sheet:	93H-16E
Area:	Kakwa Lake	Division:	Cariboo
Consulting Geologist:	Mr. Alex Burton, P. Eng. Two days at \$425		\$850.00
Consulting Mining Engineer:	Mr. James Perry, P. Eng. Two days at \$500		\$1,000.00
Accommodation and Meals	Travellers Inn, McBride Meals and rooms		\$ 323.45
Maps	Map Town, Calgary		\$ 48.64
Sample Bags and Tags	Various		\$ 81.63
Film, developing, tape	Various		\$ 83.21
Assessment Report Preparation			
Consulting Mining Engineer	Mr. James Perry, P.Eng. Two days at \$500		\$1,000.00
	Total Work Costs:		\$3,386.93
Helicopter Charter	Yellowhead Helicopters 7.6 hours at \$776	\$5,897.60	
	Limit: 50% of Work Costs		\$1,693.46
Grand Total Assessment Cost Claim:			\$5,080.39
Costs Allocated to Wishaw Lake Claim			\$1,600.00
Remainder			\$3,480.39

R A N G E S



3283

Wishaw Lake
FQ8282
(207146)

WISHAW LAKE CLAIMS LOCATION MAP	
DRAWN: Oct. 22, 1992	SCALE: 1:50,000
MAP # 1	DRAWN BY: J. F. Perry

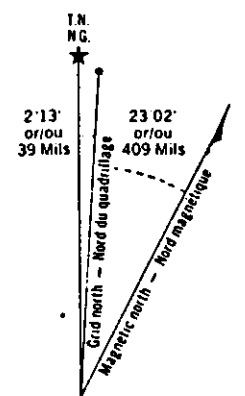
PEACE RIVER LAND DISTRICT
 CARIBOO LAND DISTRICT

Mount Cross

Wishaw Lake

FQ 8282
(207146)

1
2
3



Wishaw
Mountain

Metres 1000



WISHAW LAKE CLAIMS SAMPLE LOCATION MAP	
DRAWN: Oct. 22, 1992	SCALE: 1:12,000
MAP # 2	DRAWN BY: J. F. Perry

STATEMENT OF QUALIFICATIONS

I, James F. Perry, hereby certify that:

1. I am a graduate of the University of British Columbia with a degree in Mineral Engineering, awarded in 1970.
2. I am a registered member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of the Province of Alberta.
3. I have been involved in resource services and management for the past 22 years.
4. I carry on a consulting practice as President of Trilobite Management Ltd., 12919 Candle Cres. S.W., Calgary, Alberta.
4. Alex Burton, P. Eng. is a consulting geologist with wide experience in mining exploration in British Columbia and elsewhere. He carries on practice as a Geological Consultant, at 5900 No. 1 Road, Richmond, B.C.
6. We have personally examined the subject property.
7. We have compiled this report from our personal observations and from the published material related herein.
8. We consent to the use of this report in submissions to the various ministries and agencies of the Government of British Columbia.



James F. Perry, B.Sc., P.Eng

October 29, 1992