

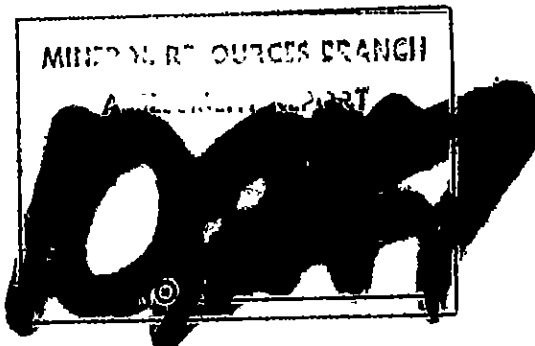
*Drilling*

## ASSESSMENT REPORT

*Crystal Lake Exploration Project  
Mineral Claim ROY 1 & 2  
Slocan Mining Division*

<i>NTS Location</i>	-	82F - 10
<i>Latitude</i>	-	49° 37' North
<i>Longitude</i>	-	116° 49' West

<i>Owner of Claim :</i>	<i>W. Roy Rookes</i>
<i>Operator:</i>	<i>International Marble &amp; Stone Company Ltd.</i>
<i>Author of Report :</i>	<i>Owner</i>
<i>Cores Stored at :</i>	<i>Operator Plant Site Sirdar, B.C.</i>
<i>Date Submitted :</i>	<i>January, 1982 (1st) September, 1982 (repeat)</i>



## INTRODUCTION

The ROY 1 & 2 claims commence at the Northwest corner of Crystal Lake for a distance of 914.40 meters (457.20 m. per each claim) (see location map). They comprise a small part of a large deposit of limestone.

Four holes were drilled in the summer of 1981 for a total of 311.10 meters.

The author is the president and sales manager of the operating company International Marble & Stone Company Ltd., and has been since its origin 22 years ago.



W. R. Rookes  
President/Sales Manager

September 15, 1982

82-86-10247

PHONE  
CALGARY  
252-4010  
252-4011

# INTERNATIONAL MARBLE & STONE COMPANY LTD.

## STONE AND STONE PRODUCTS

PLANT  
CRESTON, B.C.  
868-5415

DOLOMITE  
GRANITE  
QUARTZITE  
MARBLE



STUCCO CHIPS  
TERRAZZO CHIPS  
ROOFING CHIPS  
BUILDING STONE  
SANDBLASTING SAND  
POULTRY GRIT  
PULVERIZED CALCIUM CARBONATE  
PULVERIZED DOLOMITE

203, 5809 MACLEOD TRAIL S.  
CALGARY, ALBERTA, CANADA T2H 0J9

January 7, 1982

Gold Commissioner  
RECEIVED  
JAN 20 1982  
M.R.#.....\$.....  
KASLO, B.C.

J. James  
Gold Commissioner  
Box 580  
Kaslo, B.C.

Dear Madame:

RE: Roy #1 - #2 (2535/36)

In reference to your letter of October 19, 1981, the following is a detailed report of the drilling that was required for the above mentioned claims.

Wages: Diamond Driller - \$104.80 per day  
Diamond Drill Helper - \$68.40 per day

Days Worked :

July/81 - 7, 8, 9, 13, 14, 15, 16, 21, 22, 23, 28, 29, 30  
August/81 - 4, 5, 6, 10, 11, 12, 13, 24, 25, 26, 27, 31  
Sept/81 - 1, 2, 3, .

28 Days @ \$173.20 per day = \$4,849.60

I hope this meets with your approval. Thank you.

Yours truly,

W. R. Rookes  
President/Sales Manager

WRR/cg

Crystal Lake

LOCATION

Crawford Bay

DATE July 8<sup>th</sup> to 15<sup>th</sup>

Crystal #1

FOOTAGE		DESCRIPTION		
July 7	1981			# 11589 - 228 ft. BIT FOOTAGE:
				Gathering up gear & moving equipment to Crystal Lake Drill Sites;
July 8	1981			Preparing to start Drilling & setting gear
01	15	Dolomite	Poor	in shape. Trouble with pump motor 3hr
July 9	1981			
15	44	Dolomite	Poor	Repairing & tightening cords on pump.
44	73	Dolomite	Fair	motor; Adjusting Wireline Setup 5 hrs
July 13	1981			
73	125	Dolomite	Fair	Working on Over Shot 4hrs
July 14	1981			
125	178	Dolomite	Fair	Repairing Water Swivel 2 hrs
178	189	Dolomite	Poor	
July 15	1981			DELAYS OR BREAKDOWNS
189	220	Dolomite	Good	Bad Vibrations & Dull bit;
220	228	Quartz Dolomite	Poor	Hard to keep drill in line Pulled rods & preparing to move to #2 Well
		69.54	metres	

LOCATION Crystal Lake  
Crawford Bay  
Crystal #2

DATE July 16 to Aug 4

Bit No 14537 310ft

FOOTAGE		DESCRIPTION		
July 16				BIT FOOTAGE:
0	40	Dolomite	Poor	Very Porous Rock Had to Run Casing to
40	42	Dyle		12ft in order to get Core Barrel started.
July 21				
42	88	Dolomite	Fair	Broken Ground + Mud Slips Trouble with
July 22				Supply Pump
88	90	Dolomite	Poor	
90	98	Dolomite	Fair	MOVING TIME
98	108	<del>Dolomite</del> Dyle		Badly Broken Ground, Had to move
108	122	Dolomite	Fair	supply pump to new water source
July 23				
122	142	Dolomite	Fair	Muddy + Broken Ground
142	155	Dyle + mud		
155	183	Dolomite	Fair	
July 28				
183	195	Dolomite	Fair	DELAYS OR BREAKDOWNS
195	210	Dolomite	Poor	Broken + Muddy Ground
210	228	Dolomite	Fair	
July 29				
228	242	Dolomite	Fair	
242	251	Dolomite	Poor	Broken Ground
251	258	Dolomite	Fair	
July 30				
258	283	Dolomite	Fair	
Aug 4				
283	310	Dolomite	Fair	No more Drill Stems Started moving
	94.55	machines		to #3 hole. 3 hrs working on
				Tractor to get started.

LOCATION Crystal Lake  
 Crawford Bay  
 Crystal #3

DATE Aug 5 to Aug 26

Bit no. 14539 100 ft

310

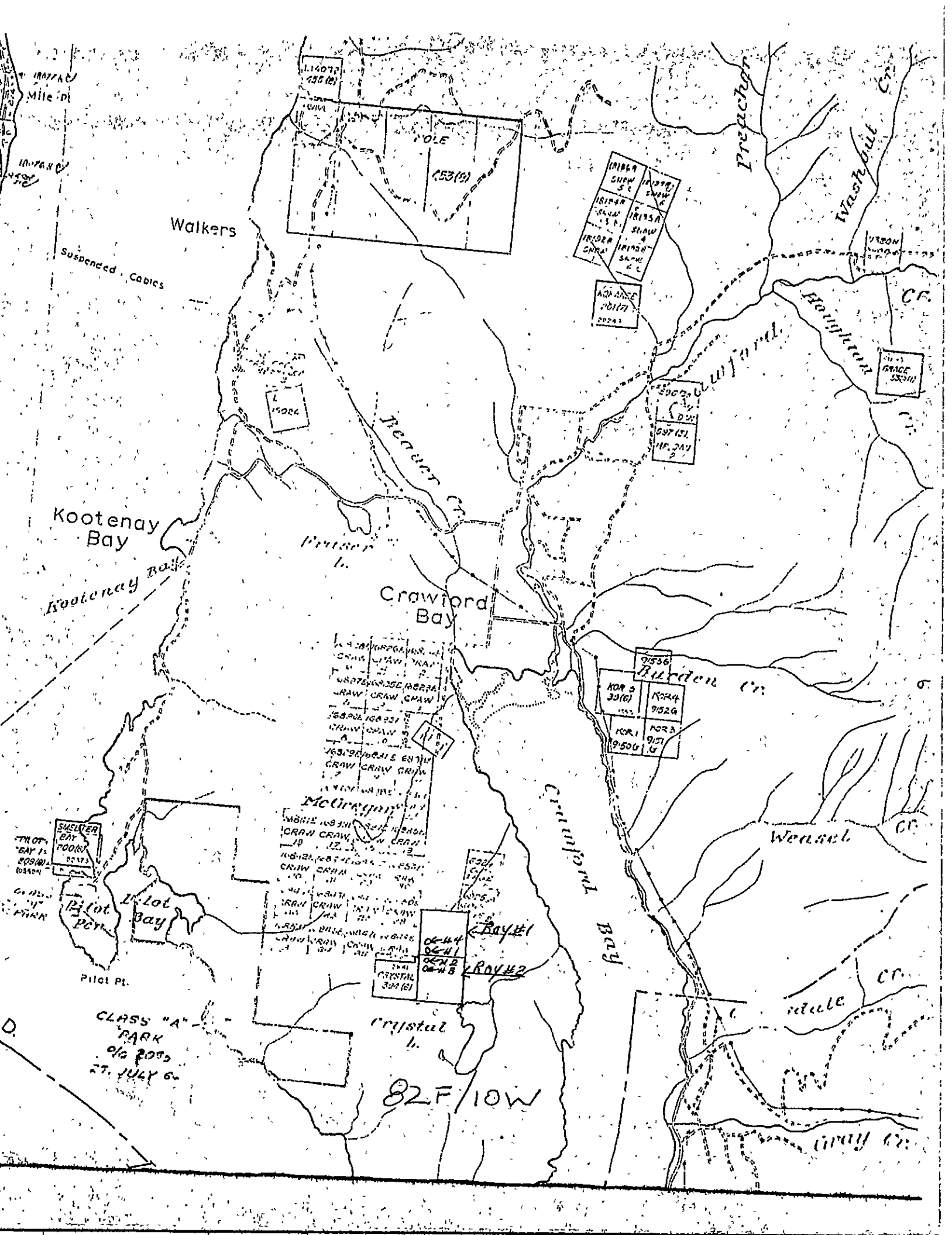
Bit no. 14537 248 ft

558

FOOTAGE		DESCRIPTION		
Aug 5				4 hrs trying to start tractor + working on starting
Aug 6				2 hrs setting up + installing overage
0	8	Broken Dolomite	cased	Battery - Broken Ground +
8	43	Dolomite	Poor	Mud slips
Aug 10				
45	62	Dolomite	Poor	Broken + Muddy Ground
62	83	Dolomite	Fair	
Aug 11				MOVING TIME
83	94	Dolomite	Fair	
94	116	Dyke		
116	140	Dolomite	Good	
Aug 12				
140	147	Dolomite	Good	
147	151	Dolomite	Poor	
151	166	Dolomite	Good	
166	174	Dyke		DELAYS OR BREAKDOWNS
174	196	Dolomite	Good	
- Aug 13				
196	206	Dolomite	Fair	
206	211	Dolomite	Poor	
211	235	Dolomite	Fair	
235	248	Dolomite	Good	
Aug 24				
248	300	Dolomite	Fair	Trouble Keeping Drill tube latched in place.
Aug 25				
300	335	Dolomite	Fair	
335	348	Dyke		
Aug 26				4 hrs moving and setting up for #4 hole
<del>106.14</del>		<del>machine</del>		
106.14		machine		

OCT 13 1981





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Kootenay Bay

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Pilot Bay

Pilot Pen

McGregor

Bay #1

Bay #2

Crystal L.

82F/10W

CLASS "A"  
PARK  
0 1/2 2000  
27 JULY 6



To:

International Marble & Stone Co.

190 - 10691 Shellbridge Way

Richmond, B.C.

V6X 2W8



**can test ltd.**

1650 PANDORA STREET, VANCOUVER, B.C. V5L 1L6

*Koy*

Telephone 254-7278  
Telex 04-54210

*Crystal Lake  
Core Samples*

### Certificate of Assay

File No. 2721E-6

Date Sept. 29, 1981

Attention: Mr. D. Gunning

We hereby Certify that the following are the results of assays made by us upon submitted limestone samples.

Sample Identification	CALCIUM	MAGNESIUM	R2O3	ACID INSOLUBLE	CALCULATED	CALCULATED	REFLECTANCE	
	Percent CaO	Percent MgO	Percent R <sub>2</sub> O <sub>3</sub>	Percent	Percent CaCO <sub>3</sub>	Percent MgCO <sub>3</sub>	Percent	Percent
<i>C.L.H.1</i> 3452	25.9	15.1	1.94	19.5	46.2	31.5	83.6	
<i>C.L.H.2</i> 3453	28.8	19.3	1.77	7.3	51.4	40.3	86.0	
<i>C.L.H.3</i> 3454	29.1	20.0	1.92	4.4	52.0	41.9	88.2	
Saracite	-	-	-	-	-	-	46.1	

Note: Brightness results may be elevated due to large amounts of shining particles present

Note: Pulps retained three months.

Rejects retained two weeks.

CAN TEST LTD.

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*Howard*  
Provincial Assayer

To:

International Marble & Stone Co.

190 - 10691 Shellbridge Way

Richmond, B.C.

V6X 2W8

Attention: Mr. D. Gunning



**can test ltd.**

1650 PANDORA STREET, VANCOUVER, B.C. V5L 1L6

*Roy*

Telephone 254-7278  
Telex 04-64210

### Certificate of Assay

File No. 1831E-6

Date June 26, 1981

We hereby Certify that the following are the results of assays made by us upon submitted Limestone and soapstone samples.

Sample Identification	CALCIUM	MAGNESIUM	R <sub>2</sub> O <sub>3</sub>	ACID	CALCULATED	CALCULATED	REFLECTANCE
	Percent CaO	Percent MgO	Percent	INSOLUBLE- Percent	Percent CaCO <sub>3</sub>	Percent MgCO <sub>3</sub>	Percent
<i>Crystal Lake</i> CL 1 CL 2	29.6	19.7	0.24	7.76	52.8	41.2	80.0
	28.8	19.7	0.30	9.04	51.4	41.2	88.8
<i>Koda Lake</i> JGT	SILICA	IRON	ALUMINUM	CALCIUM	MAGNESIUM	LOSS ON IGNITION	
	% SiO <sub>2</sub>	% Fe <sub>2</sub> O <sub>3</sub>	% Al <sub>2</sub> O <sub>3</sub>	% CaO	% MgO	1000°C	
	37.4	9.4	8.0	10.2	17.6	4.69	

Note: Pulps retained three months.

Rejects retained two weeks.

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CAN TEST LTD.

*Howard*