

5072

94E/6E

SUMAC MINES LIMITED

MOOSEHORN McCLAIR PROJECT

1974 DIAMOND DRILLING

(June - July)

<p>Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. 5072 MAP.....</p>

I. Ryan

To accompany Affidavits on Application for Certificates of Work
re. Ing. Sum on McClair Group, Omineca R.D. dated July 12 1974

Introduction

This report contains the costs and logs of drilling carried out during 1974 at Moosehorn/McClair on the Pit, Was, Sum, and Jug claims.

The drilling (BQ Wireline) was done under contract by Coates Diamond Drilling using a Longyear 38. The core is stored on the property.

DIRECT PROJECT COSTS

MOOSEHORN/McCLAIR

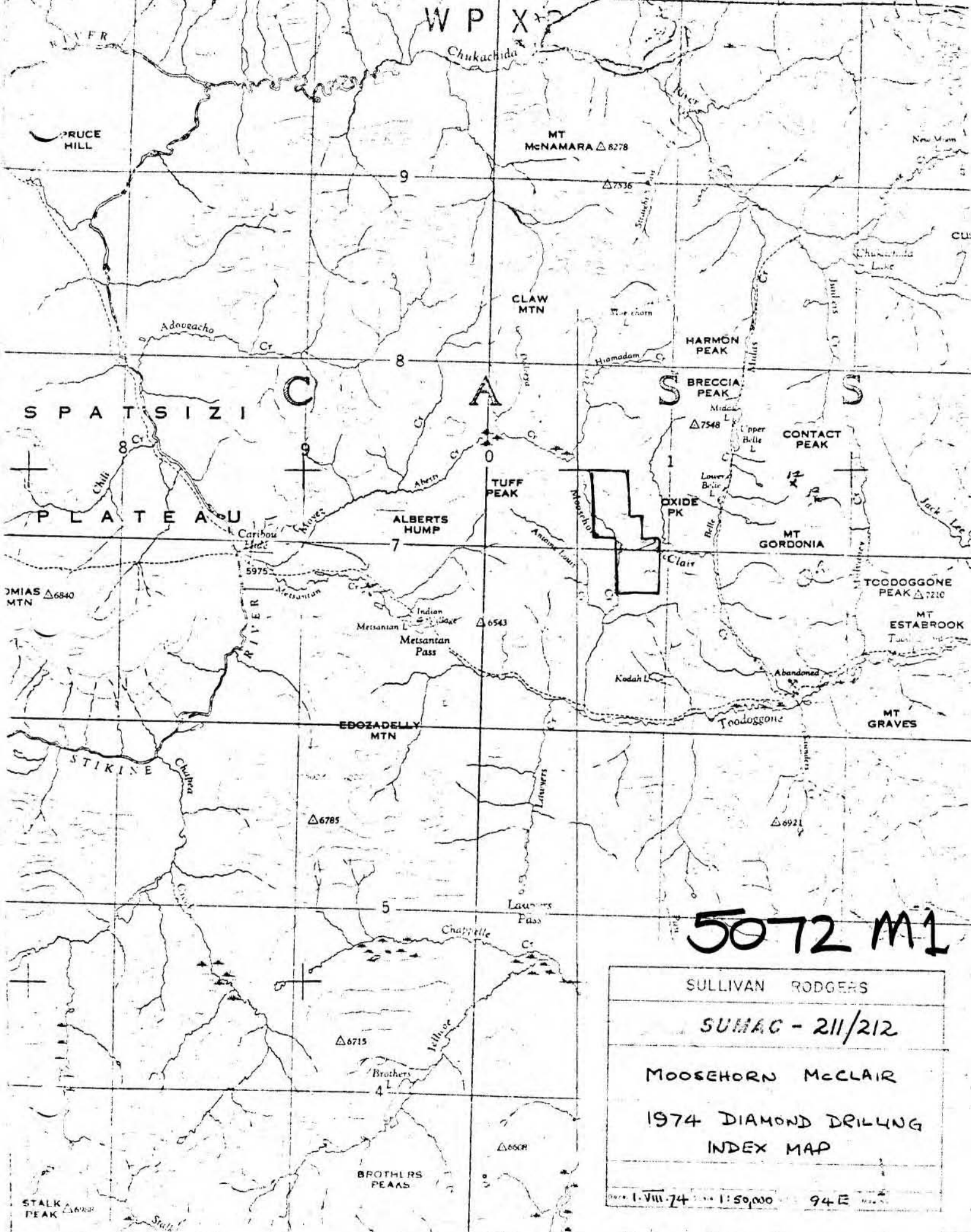
1974

(a)(b)	T.C. Scott	June 10 - July 15	\$ 2,141.19	
	A. Stone	" "	1,275.76	
	K. Hashimoto	July 10 - July 13	358.60	
				<hr/>
				\$ 3,775.55
(c)	Supplies			495.30
(e)	Aircraft support	(i) Fixed wing	5,498.32	
		(ii) Helicopter	22,568.00	28,066.32
(h)	Preparation of report			200.00
(i)	Contract Diamond Drilling			29,369.97
(j)	Fuel			1,790.17
(k)	Communications			156.08
				<hr/>
				<u><u>\$63,853.39</u></u>

MAPS

- #1 Index map
- #2 Diamond Drilling
- #3 " "

T. Ryan



W P X + 2

PRUCE HILL

MT McNAMARA Δ 8278

SPATSIZI
PLATEAU

C

A

S

S

ALBERTS HUMP

TUFF PEAK

OXIDE PK

HARMON PEAK

BRECCIA PEAK Δ 7548

CONTACT PEAK

MT GORDONIA

TOODOGGONE PEAK Δ 7210

MT ESTABROOK

MT GRAVES

EDOZADELLE MTN

STIKINE

Δ 6785

5072 M1

SULLIVAN RODGERS

SUMAC - 211/212

MOOSEHORN McCLAIR

1974 DIAMOND DRILLING
INDEX MAP

Date: 1-VIII-74 1:50,000 94E

STALK PEAK Δ 6922

BROTHERS PEAKS

Δ 6608

DIAMOND DRILL RECORD

PROPERTY Moosehorn/McClair

HOLE No. MM 1

DIP TEST		
Footage	Angle	
	Reading	Corrected
0	-60°	
408	-59°	

Hole No. MM 1 Sheet No. _____
 Section _____
 Date Begun 23 June, 1974
 Date Finished 25 June, 1974

Lat. 43 + 50 N
 Dep. 94 E
 Bearing 270°
 Elev. Collar 4510'

Total Depth 408'
 Logged By _____
 Claim Pit 73
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 28	CASING					
28 - 30	GREEN ANDESITE					
30 - 34	BASALT					
34 -171	GREEN ANDESITE					
	Dark green, siliceous in part, partly chloritised.					
	Up to 3% pyrite and 5% magnetite in places. Epidote-carbonate alteration also frequent.					
171 -192	BASALT (dyke ?)					
192 -362	GREEN ANDESITE					
	Extensive silicification, especially at around 228'					
362 -405	BASALTIC ANDESITE					
	Occasional tremolite and relic brown amphibole in chloritic mass.					
405 -408	GREEN ANDESITE					
408	END OF HOLE					

DIAMOND HILL RECORD

PROPERTY Moosehorn/McClair

HOLE No. MM 2

DIP TEST		
Footage	Angle	
	Reading	Corrected
0		90

Hole No. MM 2 Sheet No. _____
 Section _____
 Date Begun 13 June, 1974
 Date Finished 17 June, 1974

Lat. 26 + 12 S
 Dep. 72 E
 Bearing Vertical (-90°)
 Elev. Collar 4200'

Total Depth 402'
 Logged By _____
 Claim Rip 15
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 59	CASING					
59 -124	GREEN ANDESITE Silicified, with extensive chlorite carbonate alteration. Magnetic.					
124 -169	ANDESITE Bleached, argillised, silicified. Minor chalcopyrite, sphalerite and galena in veinlets.					
169 -227	GREEN ANDESITE Sporadic chalcopyrite sphalerite veinlets.					
227 -273	ANDESITE Bleached, up to 6% pyrite in part.					
273 -283	DACITE					
283 -303	GREEN ANDESITE					
303 -331	PURPLE ANDESITE Haemetite staining.					
331 -334	GREEN ANDESITE					
334 -354	PURPLE ANDESITE					
354 -359	GREEN ANDESITE					
359 -373	PURPLE ANDESITE					
373 -402	GREEN ANDESITE (many quartz stringers)					
402	END OF HOLE					

DIAMOND (HILL RECORD

PROPERTY Moosehorn McClair

HOLE No. MM 6

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-60°	
121	-55°	

Hole No. MM 6 Sheet No. _____
 Section _____
 Date Begun 18 June, 1974
 Date Finished 22 June, 1974

Lat. 28 N
 Dep. 114 E
 Bearing 270°
 Elev. Collar 4390'

Total Depth 401'
 Logged By _____
 Claim Pit 69
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 -122	CASING					
122 -400	GREEN ANDESITE					
	155.5 - 165.5	Fractured, silicified, 6% pyrite				
	163 - 203	Abundant epidote				
	243 - 248	5% pyrite, disseminated				
	248 - 267	Abundant epidote				
	267 - 268	Clay zone				
	287 - 309	Plagioclase (An 32) becomes coarse and abundant; with epidote, carbonate and introduced silica. Up to 6% pyrite.				
	309 - 313	Argillized, silicified.				
	337	Carbonate-epidote-zoisite veining. Green chlorite.				
	343 - 359	Silicified				
	363 - 367	Fracture zone				
	383 - 394	" "				
400	END OF HOLE					

DIAMOND DRILL RECORD

PROPERTY Moosehorn McClair

HOLE No. MM 7

DIP TEST		
Footage	Angle	
	Reading	Corrected
No Test	permafrost	

Hole No. MM 7 Sheet No. 1 Lat. 14 N
 Section 26 June, 1974 Dep. 54 E
 Date Begun 26 June, 1974 Bearing 360°
 Date Finished 30 June, 1974 Elev. Collar 5860'

Total Depth 401'
 Logged By Pit 162
 Claim
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 9	CASING					
9 - 26	GREEN ANDESITE Pink carbonatised plagioclase, abundant epidote.					
26 - 37	PURPLE ANDESITE Strong haemetite staining next to fractures.					
37 - 57	GREEN ANDESITE					
57 - 89	PURPLE ANDESITE Plagioclase, carbonate, epidote replacing amphibole, abundant magnetite surrounding epidote. Network of quartz-carbonate veinlets.					
89 - 126	GREEN ANDESITE Trachytic texture, abundant chlorite and carbonate.					
126 - 133	BASALT (dyke ?) 40% chlorite-carbonate, 7% magnetite.					
133 - 181	GREEN ANDESITE 153 - 154 Bleached, clayey pyritic zone.					
181 - 183	BASALT 183 - 185 Bleached, with sulphides.					

DIAMOND (ILL RECORD

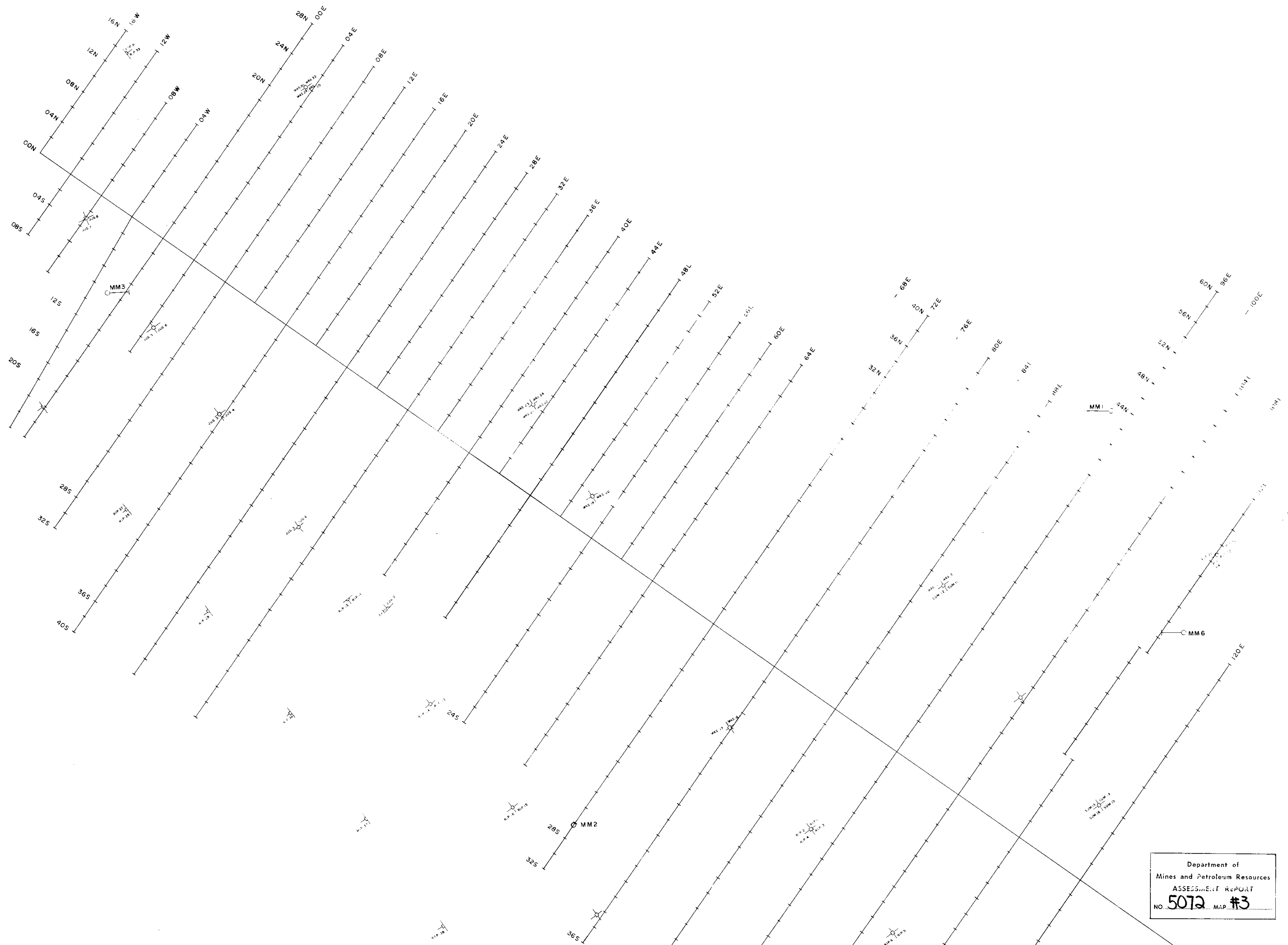
PROPERTY

HOLE No. MM 7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MM 7 Sheet No. 2 Lat.
 Section Dep.
 Date Begun Bearing
 Date Finished Elev. Collar
 Total Depth
 Logged By
 Claim
 Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
185 -197	BASALTIC ANDESITE						
197 -210	GREEN ANDESITE						
	Brecciated, badly altered, with clay sericite and pyrite.						
210 -219	BASALTIC ANDESITE						
219 -224	GREEN ANDESITE						
224 -234	BASALTIC ANDESITE						
	10% magnetite						
234 -281	GREEN ANDESITE						
	Sidespread saussuritisation						
281 -285	PURPLE ANDESITE						
285 -288	GREEN ANDESITE						
288 -293	BASALTIC ANDESITE						
	Magnetite rich, with extensive chloritisation.						
293 -314	GREEN ANDESITE						
	293 - 298 Brecciated						
314 -383	PURPLE ANDESITE						
383 -401	GREEN ANDESITE						
401	END OF HOLE						



**5072
M3**

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5072 MAP #3

To accompany D.D. Report (headframe) 12.VIII.74

SULLIVAN RODGERS
SUMAC - 211
MOOSEHORN
1974 DIAMOND DRILLING
DATE: AUGUST 1974 SCALE: 1" = 400' SHEET: 3 OF 6 MAP NO.