

019293

Gram 6E

To: M. D. Rowsell  
 From: J. K. Carrington

June 21/76

### Proposed Surface Drilling Program - Summer 1976

Enclosed is a copy of J. Paxton's surface drill hole layout & drilling summary. The surface program has been designed to replace up-hole drilling in the 2N ramp in light of drilling experience in 6N1E at L70W & general experience with up holes. The surface program will give us 100' spacing along lines which are 200' apart. The program amounts to 15000' (4575m) of drilling & replaces 7,500' (2300m) upg drilling.

This savings represents ~1 month of drilling time (w/g) based on current productivity rates). Total estimated amount of drilling remaining as of June 15<sup>th</sup> is ~~57,000' (17,250 m)~~ ~~we~~ 43000' (13,100 m) of which 28,000' (8550 m) are upg and 15000' (4575m) are <sup>on</sup> surface.

I estimate the surface drilling to cost \$15.50 /ft. turnkey. The program is justified because of the time saving involved (about 1 month), a reduction (hopefully) of upg drilling problems as there will be fewer up holes ~~at~~ and better core recovery through the use of drilling mud.

I am sending a copy of this to Bill Siola & have asked him to get three tenders on the surface program <sup>asap</sup>. The drilling on surface will take about 2 months & so we must

get cracking as the season ends about Sept. 30<sup>th</sup>.  
Should we decide not to do it we can cancel  
the tenders easily enough. I would appreciate  
your comments as soon as possible.

John.

cc W. Sinola.

PROPOSED DRILLING SCHEDULE

Sect.	Line	Site condition & Access	Proposed Winter 1976		Proposed Summer 1976		Replaced U.G. Footage
			Overburden	Rock+O.B.	Overburden	Rock+O.B.	
62W	3S	O.K.			50'	450'	700
	1S	O.K.			125'	400'	
	1N	O.K.			150'	450'	250'
	3N	Bombardier + Courderoy			150'	400'	125'
64W	1S	O.K.			120'	475'	375'
	1N	Soft but O.K.			160'	500'	250'
	3N	Soft. Need to make pad	150'	262'	150'	300'	200'
CNR	5N	O.K.			150'	600'	350'
CNR	7N	O.K.	230'	459'	230'	500'	600'
CNR	9N	O.K.	230'	394'	250'	400'	
66W	1S	O.K.			150'	600'	425'
	1N	Soft but O.K.			150'	700'	225'
	3N	Need to make pad	150'	328'	150'	350'	200'
	5N	O.K.			150'	700'	450'
CNR	7N	Need to courderoy road	140'	525'	140'	550'	600'
CNR	9N	O.K.	150'	459	150'	500'	
68W	1S	O.K.			60'	600'	425'
	1N	O.K.	135'	820'	135'	650'	175'
	3N	O.K.	150'	394'	150'	400'	490'
	5N	O.K.	145'	230'	145'	400'	
	7N	O.K.	130'	590'	130'	650'	
CNR	9N	O.K.	120'	525'	120'	550'	
70W	B/L	Soft but O.K.	50'	820'			
	1N	Soft but O.K.			50'	600'	520'
	5N	O.K.			140'	400'	
	7N	O.K.	170'	423'	170'	500'	
	9N	O.K.	175'	295'	175'	350'	
72W	7N	O.K.	150'	590'	150'	400'	
74W	7N	O.K.	75'	459'			
	9N	O.K.	150'	295'	150'	300'	
76W	1N	O.K.	25'	853'			
	8N	O.K.	90'	443'	90'	500'	525'
	10N	Winter Only	125'	295'			
	11N	" "	150'	262'			
	12N	" "	175'	164'			
78W	9N	Bombardier + Courderoy	60'	425'	60'	425'	600'
	11N	" "	100'	361'			
80W	1N	O.K.	10'	1180			
	9N	Winter Only	50'	459			
	11N	" "	100'	360'			
	12N	" "	150'	328'			
82W	9N	O.K.	10'	574'			
84W	9N	O.K.	20'	492'			
	10N	O.K.	20'	394'			
TOTALS			3585	14,458	4,150	14,600	7,485
TOTAL HOLE FOOTAGE				14,458		14,600	7,485

SUMMARY OF DRILLING TO JUNE 15/76

	Completed	Certain	Probable	Possible	Replaceable by Surf. Drilling	Total Proposed Surf. Drilling
62W		300	400		1075	1700
64W		555	850		1775	2775
66W		1150			1900	3400
68W	520	2780			1090	3250
70W	1750	2250	500		520	1850
72W	7210	—	—	—	—	400
74W	7568	—	—	—	—	300
76W	4862	1500	700		525	500
78W	4635	1025	550	1000	600	425
80W		6775		1000		
82W		5675	250	1000		
84W		5600	1250	700		
TOTALS	26,545	27,610	4,500	3,700	7,485	14,600

TOTAL U.G. DRILLING REMAINING = 27,610 + 4,500 + 3,700 = 35,810  
 FROM THAT PROPOSED MAY 15<sup>th</sup>

- 7,485

PROPOSED JUNE 15<sup>th</sup> PROGRAM IS:

28,325

• UNDERGROUND ÷ 28,325

SURFACE ÷ 14,600

TOTAL 42,925