



32E13NW0034 13 HOPPER LAKE

010

## Diamond Drilling

Area of HOPPER LAKE

Report NO 13

Work performed by: AMOCO CANADA PETROLEUM CO. LTD.

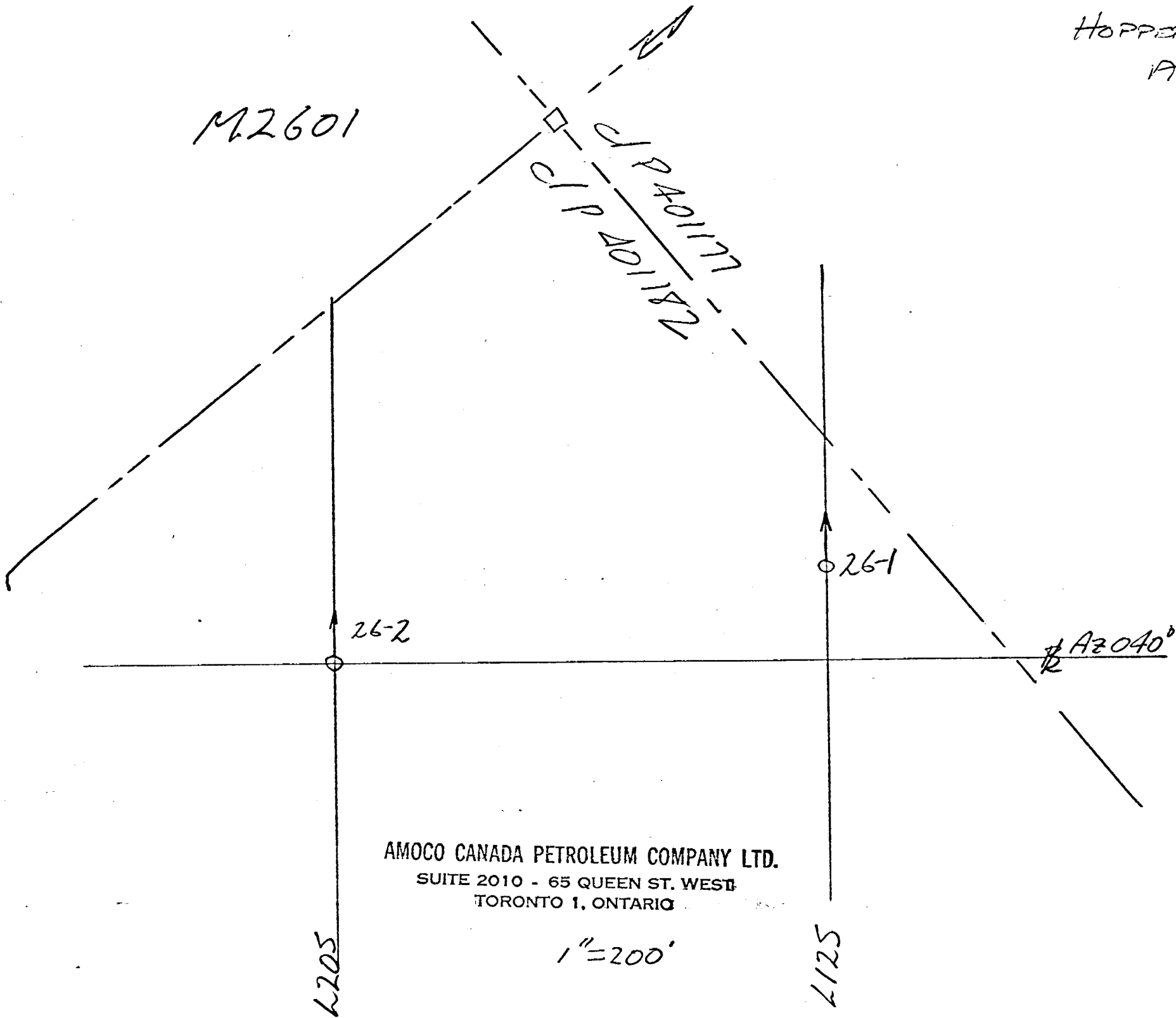
Claim NO	Hole NO	Footage	Date	Note
P 401182	DLO-74-26-1	646.0'	Nov/74	(1)
	DLO-74-26-2	567.0'	Dec/74	(1)

### Notes:

(1) #83-74

HOPPER LAKE AREA #83  
AT 2000

M.2601



AMOCO CANADA PETROLEUM COMPANY LTD.  
SUITE 2010 - 65 QUEEN ST. WEST  
TORONTO 1, ONTARIO

1"=200'

PROPERTY	DETOUR LAKES	LATITUDE	L 12 + 00 S	STARTED	November 27, 1974	DIP TEST					
HOLE NO.	DLO-74-26-1	DEPARTURE	1 + 50 W	FINISHED	November 30, 1974	Footage	Corrected	Footage	Corrected	Footage	Corrected
BEARING	340°	ELEVATION		LENGTH	646	0	45°				
DIP-COLLAR	-45°	SECTION		LOGGED BY	R. Johnson	200	51°				
						600	41°				

FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS						
From	To				From	To	Length	Cu	Zn	Ni	Ag	Au		
0	38	Casing (overburden to 36')												
38	113	Quartzofeldspathic - biotite schist; brown to white depending on bio. content; med-fine gr and sucrosic; schistosity at 55° to core axis; 20 - 60% bio. remainder sl. rounded creamy feld. + clear qtz. gr.; in places fine irreg. banding due to variable bio. content with sharply grad. cont. at 60-65° to core; rare small feld (?) phenocrysts here and there; minor chlorite bands; mafic dike 74-74.5 at 55° to core; minor hbl'd schist at 76.6 - 77.8; possibly felsic tuff on metased and minor mafic tuff at 76.6												
113	194.8	Metasediment and minor hbl'd-bio-(chl)-(feld) schist banded at 60-65° both on macro. & micro scale; colour very variable (grey to black in seds, green in schist) fine gr; schistosity at 60° to core; min. variable mainly clays and fine silicates in seds and as indicated in schist, sucrosic red med garnets common (up to 40% over 2') in more mafic sections; schist is most common from 137 - 170'; mainly graphitic slate from 170 - 194.8'; banding at 170 at 70° to core; minor py throughout as diss. gr & pods and as 2 narrow 4cm massive bands in a pelitic siltstone at (146.1 & 148.2; 1-3% sulphides (80% py, 20% po) in graphitic slates as diss. gr and veinlets // schistosity.	minor py up to 1-3% S 80% po, 20% py) in places	795	145	150	5	.003		.027	.01	Tr		
194.8	197.1	Pegmatite dike; contact at 65-70° to core; coarse gr. qtz & K-feldspar.												
197.1	280.8	Metasediment and hbl'd-bio (chl?) - feld schist; interbedded as above; banded at 60° to core; schistosity 70° mainly schist at 208-221; graphitic slate at 197.1 - 207, 249 - 262; massive band of coarse gr amphibolite (?) at 221-222 with 7-10% diss. po + py, average of 5% S (py po) for section with highest values in graphitic slate and qmph. at 221; peg. dike as above at 203.7 - 204.2	1 - 10% S Average 5% mainly py less po	191 192	250 221	252 223	2 2	.018 .013	.050	.008	.01	Tr Nil		
280.8	301	Conductor; chert interbedded with graphitic slate grading into graphite at 285'; bedding at 70°, schistosity 60°; 1-2% qtz pods veins & veinlets. 7 - 20% (average 10%) py as diss gr, veinlets // schistosity and rare massive vuggy pods; 1 or 2 small blebs of possible sphalerite (?) seen at 294' more chert at base.	7 - 20% py av. 10% possible tr. sphalerite at 294'	194 193	283 293	285 295	2 2	.024 .017	.007 .115		.02 .01	Nil Nil		





