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Diamond Drilling

Area of WEST OF SUNDAY LAKE Report Nº 13

Work performed by: Amoco Canada Petroleum Co. Limited

Claim Nº	Hole NQ	Footage	Date	Note
401168	74-40-1	360.0'	Nov/74	(1)

Notes:

(1) #90-74

WEST OF SUNDAY LANE #90 M3004 Amoco cl. 401168 1 DDH. 40-1 \$ AZ.90° Sc. 1"= 200' 00+07 AMOCO CANADA PETROLEUM COMPANY LTJ. SUITE 2010 - 65 QUEEN ST. WEST

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PROPERTY	DETOUR LA	AKE	LATITUDE	Line 0+00	FINISHED November 7, 1974		footage		d	footage	Corr	ected	Footage	Corr	ected
HOLE NO.	LDO-74-40	-1	DEPARTURE	0+ 50 North			200'	52 ¹ / ₂ ⁰							
BEARING	360 (Grid N	orth)	ELEVATION		LENGTH 3601	LENGTH 3601		46 ⁰							
DIP-COLLAR	46 ⁰		SECTION		LOGGED BY	Babu Gajaria									
FOC	FOOTAGE					%	SAMPLE	1	FOOTAGE				ASSAYS	A	
From	τ. •	1		DESCRIPTION		Mineralization	NO.	From	To	Length	Au	Ag	Cu	Zn	
0	20'	Casing (overburden)				······································					I				
201	861	Granite - C	ranodiorite G	ineiss: The rock is w	ell banded. The minerals				<u> </u>						
	have segregated into dark (amphibole and biotite) and white (quartz and 1/2% Pyrit					1/2% Pyrite		+				+			
	+	nlagioclase or white felspar bands. The plagioclase and quartz grains							+	ł	+				
	+	have been	flattened and r	pulled in preferred di					+	<u> </u>	+				
	+	taking ellip	soidal shape.	Quartz is dominant :	mineral and forms thicker					+	1	•		· · · · · · · · · · · · · · · · · · ·	
		bands and	larger grains	, while biotite and hor	nblende form thinner				1	1	·	1	1		
		bands. Die	ids. Diorite gneiss (thinly banded, medium grained) is present.						-			1			
		The bandin	g is conforma	able to granite gneiss.	Pyrite is present in			PROF	ESS/D	•					
		trace amou	nts and is dis	sseminated. Some len	ticular pyrite infills			SEV							
		intergranul	ar spaces.							E					
	·	Banding/co	re axis angle	is 56°.		-	10			64					
								P. J. M.	INDA	12			1		
86'	91.31	Amphibolit	e: Well bande	ed, appears fine grain	ed from outside, but		h	d-A-	1.18	m					
		fresh surfa	ice shows a m	nass of coarse grained	rock, containing		13	N.			L	1	1		
	+	randomly_c	orientated gra	ins of biotite and amp	hibole. Minor olivine is		*				ļ	+			
		present. 1	No mineralisa	tion.			`	A Com	ourse.	<u> </u>	ļ	ļ			
	1	Contact is	conformable t	to banding of gneiss.						<u> </u>	<u> </u>	-			
	<u> </u>	l							4	<u> </u>					
		<u>Contact/cc</u>	ore axis angle	: is 53°.											
91.3'	131 '	Granite -	Granodiorite	Gneiss		·····			<u>†</u>						
	1	Well band	ed. compositi	ion as above. Potash	felspar is present in				1	1	1	1	1		
		places.	Trace dissemi	inated pyrite is presen	nt. Quartz veining is										
		parallel a	nd conformabl	le to banding.											
		·							· · ·	_		1			
		Banding co	ore axis angle	e is 49°.		······				 	ļ				
121 01	121 41	1 A	And Contract of		The first sector d	<u></u>			 		ļ	•	+		
151.0	151. 4	Amphiboli	ite: Contact w	atos on origin from tu	A The fine grained				 	.	<u> </u>		- <u> -</u>		
		outer appe	earance mulca	ates an origin from tu					 	+	<u> </u>				
131. 4'	210.91	Granodior	ite - Granite	Gneiss: The rock is	well banded, and				<u>+</u>		<u> </u>		+		
1.71. 7		compositie	on is as above		······································		-	1	<u> </u>	1	<u> </u>	1	1		
												1			
• 210. 7'.	211.5'	Quartz vei	in: Sharp cont	tact (conformable to b	anding) with gneiss.			1			1				
	T	Little diss	eminated pyr:	ite. Massive pyrrhot	ite begins where the quarts			1	· ·						
	1	vein ends.	•	·											
	1	I		····				1	1	T	T	1	1		

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A.C.P.C.L + MINING DIVISION - D.D.H. RECORD			PROPERTY	DETOU	R LAKE	E	HOLE NO. DLO-74-40-1 Page 2					
FCCT	AGE	EFSCRIPTION	Sie .	SAMPLE		FOOTAGE				ASSAYS	<u>ن</u>	
From	Τø		Mineralization	NO.	From	To	Length	Au	Ag	Cu	Zn	
211.5'	211. 61	Massive pyrrhotite	80% pyrrhotite	B.G.1314	210	211.6	1.6'	Tr		0.006		0.005
211 61	212 21	Granite - Granodiurite Gneiss		B.G.1315	211.6	213.5	1.91	Tr		0.043		0.010
		Trace mineralisation. Pyrite is present as fracture infilling and cuts	5% sulphides			. =	· · · · · ·					
		across banding. The pyrite is late, removilised and post metamorphic in		B.G. 1316	222	224.5	2.5'	Tr		0.050		0.005
		this zone. Probably sweated out from section below.										
212 21	213 0'	Massive pyrite - pyrrhotite: The country rock is amphibolite, some	75% sulphides.									ł
		garnets and biotite are present. Predominant minerals is amphibole.			<u>↓</u> <u>-</u> .	• · · • • ·			+			
										1		
213.0'	213.7'	Amphibolite: Contains lenticular pyrite. The pyrite lenticles are	10% sulphides.							L		L
		conformable to gneiss banding below.				 			+			
213.7	221.91	Core axis/pyrite lenticles is 52°.			t				<u> </u>	<u> </u>		
213.7'	221.9'	Granodiorite - Granite Gneiss: Well banded. Composition as above.	$\frac{1}{2}$ % pyrite.							ļ		
		Some disseminated fine grained pyrite.								ł		
221.91	224.71	Massive pyrite within amphibolite: Pyrrhotite is also present and forms			· · · · · · · · · · · · · · · · · · ·				 	+		
		one-third of the sulphides. In some places the rock is extremely		• ···			·		1	1		
		rich in olivine and ferromags and probably originally was olivine			[1		
		basalt. The sulphides form minor folds within amphibolite		· - · · · · · · · · · · · · · · · · · ·					_	ľ		
		indicating rheomorphism. Contact with gheiss is sharp.							i	<u> </u>		
224.71	254'	Granodiorite-Granite Gneiss: Composition is as above, white felspar is	eres en la manager de la marger d				· · · · · · · · · · · · · · · · · · ·			ł	· · · · · · · · · · · · · · · · · · ·	
		probably plagioclase. Angle between banding and core axis is 52°						•	t	<u> </u>		
		No mineralization.								[
		Granitas Drodominant minoral is nink folgaan (70% of the constituent						··				
	238.2.	minerals) Contact with gapies is discordant with reference to handing										
		Contact/core axis angle is 44°.							1			
		No mineralization.										
									ļ			
258.2	260.61	Amphibolite: Contains some intruded granite. Granite/amphibolite	·									
		of any mineralization.		· · · · · · · · · · · · · · · · · · ·								·
			1984. do					·····				
260.6'	273.81	Granite-Granodiorite Gneiss - Composition is as above.							 			h
273.8	276.91	Tuff: Fine grained, heavily chloritised, contains disseminated pyrite.	1% Pyrite.						<u> </u>			
	2.0.7	Inter granter reavily enternised, construction appendix							1			
276.9'	281.2'	Granite-Granodiorite Gneiss: Composition is as above. No			L							
	·	mineralization.						· · · · · · · · · · · · · · · · · · ·	· · · · ·			L
281.21	282.11	Granite and Quartz vein: No mineralization. Contact with underlying							<u> </u>			
		amphibolite. Angle between contact and core axis is 60°.										
		The second s						······				
28	283'	Amphibolite: Predominance of biotite acquires metamorphic texture of										
		a schist in places. Heavily chloritised. No mineralization.		·					 			
2831	297.4'	Granite-Granodiorite Gneiss: Composition is as above.										
		Banding core axis angle is 65°.						· · · · · · · · · · · · · · ·				
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A.C.P.C.L MINING DIVISION - D.D.H. RECORD		PROPERTY	DETOUR	R LAKE	:	HOLE NO	DLO					
FOOT	TAGE	DESCRIPTION	1	SAMPLE	FOOTAGE					ASSAYS	ASSAYS	
From	To		Mineralization	NO.	From	To	Length	Au	Ag	Cu	Zn	
207.41	299.8'	Amphibolite: Banding within amphibolite is conformable to gneiss.		· · · · · · · - ·		<u> </u>	}	l	 		+	_
		mineralization.						ł	<u> </u>	<u> </u>	+	+
					1		· ·					
299.81	306.71	Intercalations of amphibolite with granite-granodiorite gneiss.					l			_		
		Conformable banding.			}		<u> </u>			1		
306.71	308.2'	Granite: Predominance of pink felspar over other minerals. Discordant								1	t	+
	30010	contact with respect to banding.			1							
						 		ļ	<u> </u>	1	4	
308.2	3201	Intercalations of amphibolite with granite-granociorite gneiss.					<u> </u>	l			<u>+</u>	+
3201	322.81	Granite-granodiorite gneiss.		·								1
		Cranita, Deadarainance of sink falance					·····			ļ		
322.81	330.51	Grante: Predominance of pink ferspar.					l		<u> </u>	<u> </u>	<u> </u>	
330.51	360'	Granite-Granodiorite Gneiss: Some conformable lenticles of amphibolite							ł	<u> </u>	ł	
		are present. Some trace pyrite is present in disseminated form, and						•.				
		infills minor fractures.							L	l		1
24/1									 	<u> </u>	 	
5.11		Angle between core axis and banding is 40			<u> </u>				ł	l		
360'		END OF HOLE.										1
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