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Page 1 of 8

AMOCO CANADA PETROLEUM COMPANY LTD. - MINING DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	Latitude	Started	DIP TEST					
			Footage	Corrected	Footage	Corrected	Footage	
PROPERTY	Galore Creek C.W. Claim Group	LATITUDE 20°30'N	STARTED June 12, 1970					
HOLE NO.	C.W. - B.C.-70-1	DEPARTURE 1+40 W	FINISHED June 19, 1970					
BEARING	260° Azimuth	ELEVATION 1930 feet (above sea level)	LENGTH 600 feet					
DIP-COLLAR	-45°	SECTION	LOGGED BY S. L. Putter					
FOOTAGE	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE	ASSAYS			
From	To			From	To	Length	Cu. Mo. Au. Ag.	
0	52	Overburden. Boulders, sand and silt. Casing through to 52 ft. mark.						
52	106	Monzonite, epidotized, chloritized; greenish-grey to greenish-black; medium to fine-grained phaneritic texture; 30% 1 - 2 mm. white-green (epidotized) to pinkish-white K-spar crystals in a finer-grained (less than 1 mm) grey to white matrix of 30-40%, plagioclase, 20-30% dark greenish black chlorite (fine-grained), less than 5% epidote grains (less than 1 mm) and less than 5% red-brown, hematite (less than 1 mm) (hematite appears to increase in content with depth in this unit). Monzonite contains 5mm - 3 cm masses (xenoliths?) of syenite (70% K-spar, usually epidotized). Generally rare. Epidotization constitutes masses of epidote veins and large blebs over 2 cm in length and constitutes 10 - 15% of volume of core; epidote, hematite, quartz veining throughout this unit in all directions to core axis	Pyrite: Trace to less than 1% in disseminated grains (less than 1mm) and blebs & veins to 2cm in length. Veins large blebs & bands (stringers) of pyrite appear associated with epidote & other veining	501 502 503 504 505	52 60 70 80 90	60 70 10 10 10	8 .07 .04 .04 .03 .02	Trace " " " " " " " " " " " "
104'	106'	104' - 106' - Chloritized, only slightly epidotized, monzonite sheared at 25° to core axis, with elongate pink blebs of K-spar (5mm - 4cm). In sharp contact with unit below (contact at 25° to core axis).						
106	107.5	Black shale, slightly sheared at 15° to core axis, epidote and K-spar (i.e. argillic) alteration due to veining along shear planes. In sharp, though interfingered, contact with unit below; contact at 25° to core axis and spreads over about 3 inches.	None	506	100	110	10 .04 " " "	
107.5	116.5	Monzonite, as 52 - 106, chloritized and epidotized in part, sheared in part, more friable	Pyrite: trace less than 1% as 52 - 106					
		107.5 - 108.5 - Intensely sheared, hematitic monzonite shearing irregularly distributed, very friable						
		108.5 - 109.5 - Syenitic xenolith; very hard; veins of epidote, minor chlorite & quartz, at 35° to core axis	None					
		109.5 - 116.5 - Intensely sheared, epidotized, chloritized monzonite xenoliths of syenitic monzonite (1/4 - 4 inches) in diameter. Shearing irregular at 0 - 25° to core axis.						

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY Galore Creek

HOLE NO. C.W.-B.C.-70-1 Page 2 of 8

FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS			
From	To				From	To	Length	Cu.	Mo.	Au.	Ag.
191.5	204	(Monzonitic) Syenite; dark reddish-brown, crystalline, porphyritic, massive, 50 - 60% orange-red to brownish-white fine-grained (less than 1 - 2 mm) K-spar, enclosing 25 - 30% clear to slightly blue-white fine-grained (1 mm) plagioclase, 10 - 15% fine-grained hematite in ground mass & thin fracture fillings and as specularite blebs (to 1 cm) and thin (1 - 2 mm) veinlets. Subhedral phenocrysts of K-spar (up to 1 cm diameter) compose 15% of rock.	Trace pyrite	515	190	200	10	Trace	Trace	Trace	Trace
200 - 204	-	Monzonite-syenite with increased content of plagioclase and mafics (chlorite ?). Increased argillic alteration in fractures, especially 200.5 - 201									
204	214.5	Monzonite, pale bluish green, porphyritic, massive, cut by considerable quartz and K-spar veining; -50% clear to white fine-grained (1 - 2 mm) plagioclase (except for 5% of which are plagioclase phenocrysts to 2 cm), -30% fine-grained (1 - 2 mm) cream to greenish-white K-spar, 5 - 10% finegrained (less than 1 mm) hematite - 10% chlorite in irregular (1 cm) patches	Trace to less than 1% pyrite, especially in some quartz-argillic-K-spar(?) veins & in argillic alteration of fracture fillings	516	200	210	10	"	"	"	"
214.5	265.5	(Monzonite) Syenite; orange to dark reddish brown, somewhat porphyritic, crystalline, massive; similar to 191.5 - 203'; -50% orange to brownish white K-spar (generally fine-grained, except for subhedral to euhedral brownish-white K-spar phenocrysts, averaging 5 mm - 1 cm). -35% bluish-white fine-grained plagioclase, 10 - 15% hematite (very fine-grained in matrix and in thin (1 - 2mm) veinlets). Cut by isolated quartz veins and veins of argillic alteration, and less than 5% chlorite developed in 3 - 5 mm masses associated with hematite veinlets. Contains zones of moderate argillic alteration and possibly altered monzonite with increased plagioclase content.	Trace pyrite in syenite, except near altered and/or monzonitic sections which contain	517	210	220	10	.01	"	"	"
		216.5 - 216.8 - Argillic alteration masses, moderate intensity	518	220	230	10	Trace	"	"	"	
		219 - 220.4 - Altered monzonite (?)	519	230	240	10	.01	"	"	"	
		227 - 231.4 - Development of 5% dark green chlorite in masses of 5 mm size	520	240	250	10	.01	"	"	"	
		235.5 - 236 - as 216.5 - 216.8	521	250	260	10	.01	"	"	"	
		244.4 - 244.5 - Argillic alteration from close stockworks of argillic veining.									
		246 - 246.1 - as 244.4 - 244.5									
		257.9 - 258.2 - as 216.5 - 216.8									
		259 - 260 - Chloritic alteration and hematite films on joint surfaces.									
265.5	349.5	Monzonite, Pale grey-green, generally fine-grained phaneritic, equigranular, massive; 40 - 50% clear to bluish-white fine-grained (less than 1 - 2 mm) plagioclase as matrix to 40 - 50% greenish white to pinkish-white fine-grained (less than 1 - 2 mm) K-spar; Plagioclase and K-spar appear segregated in indistinct 1 - 2 cm masses rather than equally distributed with each other. Less than 5% fine grained (less than 1 mm) disseminated specularite in places	Traces Chalcopyrite in 5 cm long blebs & disseminated grains (less than 1mm) often associated with qtz or argillic alteration	522	260	270	10	.01	"	"	"
			523	270	280	10	.01	"	"	"	
			524	280	290	10	.04	"	"	"	
			525	290	300	10	.01	"	"	"	

FOOTAGE	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS			
				From	To	Length	Cu.	Mo.	Au.	Ag.
	383.5 - 397 - Monzonitic syenite as 367.5 - 373 with heavy argillic alteration and quartz-carbonate-hematite-argillic veining.									
	382.5 - 388 - Less than 1% chalcopyrite as in 368.2 - 372.5	Less than 1% Chalcopyrite over 5.5 ft.								
	Trace molybdenite									
397	398.2 Monzonitic syenite, heavy argillic alteration, quartz-hematite-carbonate veining.	4% pyrite, as disseminated grains & blebs. Trace Molybdenite in veinlets & 1 cm blebs	535	390	400	10	.02	Trace	Trace	Trace
398.2	402.5 Monzonite; light-grey-green, fine grained phaneritic, massive; 30 - 40% fine-grained (less than 1 mm) subhedral brownish-white K-spar in a ground mass of finer-grained light blue-white to translucent anhedral plagioclase (40 - 50%). Contains 2-5" oval masses of reddish-brown medium-grained monzonitic syenite gradational into the finer-grained monzonite.	1 - 3% pyrite, disseminated in grains, blebs & especially in stringers associated with carbonate veinlets								
402.5	403.5 Monzonitic syenite, as 397 - 398.2; gradational into unit below.	Trace to less than 1% pyrite	536	400	410	10	.01	"	"	"
403.5	423.5 Monzonitic syenite, dark red, porphyritic, fine-grained, phaneritic 50 - 60% K-spar, less than 1 - 2mm, anhedral, brown-yellow-greenish cream, including 2 - 5mm subhedral phenocrysts; 30 - 35% plagioclase, blue translucent less than 1-2mm, anhedral; 5% fine-grained (less than 1 - 2mm) hematite. Light argillic alteration, especially in fracture fillings.	Pyrite: Trace to less than 1%	537	410	420	10	.01	"	"	"
	411 - 413.5' - Trace Chalcopyrite in blebs and stringers	Trace Chalcopyrite								
	Trace Molybdenite in fine (less than 1mm) grains	Trace Molybdenite								
	419 - 423.5 - Lighter coloured with less hematite, more K-spar, and moderate argillic alteration.									
423.5	436.5 (Monzonitic) Syenite; light salmon-coloured, porphyritic; 60% K-spar 30% plagioclase, less than 5% hematite & specularite as veinlets. Moderate argillic alteration.	Trace to less than 1% pyrite. Trace Chalcopyrite? (tarnished pyrite?)	538	420	430	10	.01	"	"	"
	423.5 - 424.5 - Heavily altered monzonitic syenite (monzonite?)									
	428.5 - 430 - Light grey-green, fine-grained, monzonite? somewhat chloritic, cut by dark green chlorite and white carbonate veins.	1% pyrite Trace Molybdenite?								
436.5	455.5 (Monzonite) to Syendiorite - Light grey-green with bands of red (hematite), dark green (chlorite), orange-brown (K-spar) white (quartz and carbonate); Very fine grained to fine grained massive; 20 - 40% brownish K-spar, 30 - 60% blue-white to slightly greenish plagioclase, 10% - 30% chlorite, minor hematite, specularite, graphite?, carbonate, quartz. General moderate argillic alteration. Contains masses of monzonitic syenite (hematitic), 2 - 5" (e.g. 444' - 444.6').		539	430	440	10	.01	"	"	"
			540	440	450	10	.07	"	"	"

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY Galore Creek

HOLE NO. C.W.-B.C.-70-1 Page 6 of 8

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY Galore Creek

HOLE NO. C.W.-B.C.-70-1 Page 7 of 8

FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS			
From	To				From	To	Length	Cu.	Mo.	Au.	Ag.
		472.9 - 473.4 - 6" monzonitic ? section	Less than 1% pyrite								
		478.8 - 479 - Less than 1% pyrite, disseminated & large stringers and blebs.									
479	481	Monzonite-Syendiorite. Grey-green, fine-grained, phaneritic massive, 60% (less than 1 - 2mm) plagioclase (minor 5mm blebs); 20% (less than 1 - 2mm) K-spar; 20% chlorite (less than 1mm) (with minor 5mm blebs).	Trace to less than 1%	543	470	480	10	.01	Trace	Trace	Trace
		479.5 - 480 - somewhat porphyritic, yellowish-green, monzonitic mass; 30 -50% K-spar with 2cm phenocrysts; 40 - 60% plagioclase; 0 -5% chlorite.									
		Sharp intrusive contact at 479', with syenitic monzonite above.									
481	506.5	Monzonite syenite. Very light argillic alteration except near argillic veins and as noted below. Fine - medium-grained, porphyritic, phaneritic, massive; 50 -60% brownish white K-spar fine-grained except for 15 -30% euhedral to subhedral 1 cm phenocrysts; 20 -30% fine-grained bluish-white plagioclase 5- 15% fine-grained hematite and specularite; 0 -5% chlorite	Trace Chalcopyrite Trace Pyrite to 1%	544	480	490	10	.02	"	"	"
		481 - 482 - Light salmon-coloured, monzonitic syenite; 60% brown to green-white. K-spar, porphyritic to 1cm phenocrysts; 20% bluish - to pale white plagioclase 10 - 15% hematite. Moderate argillic alteration. Quartz and hematite-specularite veining. Trace Chalcopyrite in 5mm blebs; Trace pyrite	Trace Chalcopyrite Trace Pyrite								
		483 - 485.5 - as 481 - 482	Trace Chalcopyrite Trace Pyrite								
		494 - 498.4 - Greenish syenitic monzonite. 50 -60% porphyritic, brown to greenish K-spar; 20 -30% plagioclase; 10% hematite and specularite. Pyrite 1% disseminated; Trace Chalcopyrite and Trace Molybdenite	Trace Chalcopyrite Trace Molybdenite								
506.5	507.2	Syendiorite. Grey-green, fine-grained, massive, phaneritic, 60 -80% greenish plagioclase, 10 -20% brownish K-spar 10% chlorite. Pyrite, disseminated 1 -3% in grains & blebs	1 -3% pyrite	546	500	510	10	"	"	"	"
507.2	528.3	Syenite monzonite: Reddish-brown, medium to fine-grained porphyritic, phaneritic, massive; 40 -60% brown-pink-green K-spar, green-blue-white 20% plagioclase, 5% chlorite, 10 -15% fine-grained hematite and specularite. Considerable irregularly-distributed 2" to 2foot patches of greenish, moderate to heavy argillic alteration. Pyrite; trace to 1% disseminated Contact with unit below at 20' to core axis.	Trace to 1% pyrite	547	510	520	10	"	"	"	"
				548	520	530	10	.01	"	"	"

A.C.P.C.L. - MINING DIVISION - D.D.H. RECORD

PROPERTY Galore Creek

HOLE NO. C.W.-B.C.-70-1 Page 8 of 8