093A/07

821150

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

Page

			DIP TEST					
			Footage	Corrected	Footage	Corrected	Footage	Corrected
PROPERTY FRASERGOLD	LATITUDE L 55 + 02 E	STARTED Octgber 22, 1983	61.0 M	- 49°	243.8 M	- 46°	426.7	- No Test
HOLE NO. FBC 83-5	DEPARTURE 3 + 77 S	FINISHED October 29, 1983	121.9 M	- 49°	304.8 M	- 43.5°		
BEARING Az: 045°	ELEVATION 5200' (1585 M)	LENGTH 1407 ft. (428.9 M)	182.9 M	- 47°	365.8 M	- No Test		
DIP-COLLAR -50°	SECTION	LOGGED BY P. Brown						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE (Meters) From	To	Length	ASSAYS Au(oz/t)	Metallic Au(oz/t)		RQD
0.0	3.0 M	Casing		W3294	3.0	4.5	1.5	.001			0.9 M ground
				95	4.5	6.0	1.5	.001			0.5 M ground
3.0	133.8 M	Black Knotted Phyllite (20-30% Knots) with lesser Black Banded Phyllite interbedded with Minor Siliceous Sediment to Tuff.		96	6.0	7.5	1.5	.001			15 cm ground
				97	7.5	9.0	1.5	.001			55
				98	9.0	10.5	1.5	.001			
		Foliation in the Phyllite is moderate to strong at 70°-90° to the C.A.		99	10.5	12	1.5	.001	.001		48 (20 cm ground
				W3300	12	13.5	1.5	.001	.001		" (10 cm ground
		Down to 14.3 M there has been limonite developed in some of the knots in the		01	13.5	15	1.5	.001	.001		21
		Knotted Phyllite. 3.0 - 7.5 M there are 40-50% of the knots having limonite		02	15	16.5	1.5	.001	.001		
		development. 7.5 - 14.3 M the percentage of limonitic knots gradually		03	16.5	18	1.5	.001			12
		decreases to <10%. From 14.3 - 26.5 M there are only a few limonitic knots		04	18	19.5	1.5	.001			
		adjacent to fractures and weak limonite on some of the fractures. Knots		05	19.5	21	1.5	.001			46
		vary in size from 2 - 8 mm and from oval to lenslike in shape.		06	21	22.5	1.5	.001			
				07	22.5	24	1.5	.001			12
		Core recovery to 15 M is moderate. For location of core loss see RQD.		08	24	25.5	1.5	.001			
				09	25.5	27	1.5	.001			88
		3.0 - 5.0 M -- No qtz veining.		W3310	27	28.5	1.5	.001			
				11	28.5	30	1.5	.001			92
		5.0 - 5.25 M -- A qtz vein in broken core with minor limonite.		12	30	31.5	1.5	.001	.001		
				13	31.5	33	1.5	.001	.001		77
		5.25 - 10.4 M -- No qtz veining.		14	33	34.5	1.5	.001			
				15	34.5	36	1.5	.001			59
		10.4 - 16.3 M -- Qtz vein system with 120 cm of qtz veining (20.3% qtz).		16	36	37.5	1.5	.001			
		Many of the veins are broken, however most appear to be parallel to or		17	37.5	39	1.5	.001			86
		subparallel to foliation. A few are at a low angle to the C.A. These		18	39	40.5	1.5	.001			
		qtz veins have up to 10% qtz carbonate and weak limonite or trace sulphides		19	40.5	42	1.5	.001			81
		at best. Sericite is noted in many of the qtz veins.		W3320	42	43.5	1.5	.001			
				21	43.5	45	1.5	.001			79
		15.4 - 18.5 M -- Black banded phyllite.		22	45	46.5	1.5	.001			
				23	46.5	48	1.5	.001			100
		10.4 M -- 26 cm qtz vein. Broken contacts but 0° to C.A. Trace limonite		24	48	49.5	1.5	.001			
		in vein.		25	49.5	51	1.5	.001			98
				26	51	52.5	1.5	.001			
		12.0 - 12.4 M -- Broken qtz vein with 20 cm of qtz which isn't broken.		27	52.5	54	1.5	.001			97
		Strong limonite in vein.		28	54	55.5	1.5	.001			
				29	55.5	57	1.5	.003			97
		11.9 M -- qtz vein 20° to C.A. 10% qtz carbonate and minor limonite in vein		W3330	57	58.5	1.5	.002			

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE (Meters) From	To	Length	ASSAYS Au(oz/T)	Ag(oz/T)		RQD
3.0	133.8 M	Cont'd:		W3331	58.5	60	1.5	.002			80
				32	60	61.5	1.5	.001			
		14.75 - 14.95 M -- 20 cm qtz vein. Upper contact 30° to C.A. Lower contact 75° to C.A. Minor qtz carbonate and limonite in vein.		33	61.5	63	1.5	.001			79
				34	63	64.	1.5	.001			
				35	64.5	66	1.5	.001			95
		13.8 M -- Example of folding. Fold axis is 80° to C.A. Fold is on a 5 cm scale.		36	66	67.5	1.5	.001			
				37	67.5	69	1.5	.001			71
				38	69	70.5	1.5	.001			
		16.3 - 23.0 M -- There is a weak qtz vein system with 49 cm of qtz (7.3%) 37 cm of this qtz is restricted to 3 veins.		39	70.5	72	1.5	.001			37
				W3340	72	73.5	1.5	.001			
				41	73.5	75	1.5	.001			92
		16.75 M -- 20 cm's of medium gray banded Tuff? with weak knot development.		42	75	76.5	1.5	.001			
				43	76.5	78	1.5	.001	.001		100
		17.6 M -- 2-6 cm wedge shaped qtz vein @ 50° to C.A. Trace qtz carbonate in vein.		44	78	79.5	1.5	.001	.001		
				45	79.5	81	1.5	.001	.001		83
				46	81	82.5	1.5	.001	.001		
		18.2 M - 15 cm qtz vein 80° to C.A. 5-10% sericite and trace Py in vein.		47	82.5	84	1.5	.001	.002		69
				48	84	85.5	1.5	.001	.001		
		18.35 - 22.8 M -- No qtz veining.		49	85.5	87	1.5	.001	.001		31
				W3350	87	88.5	1.5	.001	.001		
		22.8 M -- 20 cm broken qtz vein 70° to C.A. Minor qtz carbonate in vein.		51	88.5	90	1.5	.001	.002		32
				52	90	91.5	1.5	.001	.002		
		23.0 - 30.35 M -- No qtz veining. The phyllite has moderate to strong carbonaceous development for 10-50 cm intervals.		53	91.5	93	1.5	.001	.001		44
				54	93	94.5	1.5	.001			
				55	94.5	96	1.5	.001			80
		30.35 - 32.73 M -- qtz vein zone with 105 cm of qtz. (44% qtz) Most of the veins have white sericite associated.		56	96	97.5	1.5	.001			
				57	97.5	99	1.5	.001			93
				58	99	100.5	1.5	.008			
		30.35 M -- 25 cm qtz vein 80° to C.A. and parallel to foliation. Vein has 5% qtz carbonate and trace Py in vein at selvage. There is 3 - 5% green actinolite? in vein.		59	100.5	102	1.5	.001			100
				W3360	102	103.5	1.5	.002			
				61	103.5	105	1.5	.001			90
				62	105	106.5	1.5	.001			
		31.5 -- 25 cm qtz vein 30° to C.A. Minor qtz carbonate and trace Py in vein. Vein is subparallel to foliation.		63	106.5	108	1.5	.001			33
				64	108	109.5	1.5	.001			
				65	109.5	111	1.5	.001			66
		32.1 -- 35 cm qtz vein 70° to C.A. 5-7% qtz carbonate and trace Pyrite and actinolite in vein.		66	111	112.5	1.5	.001			
				67	112.5	114	1.5	.002			45
				68	114	115.5	1.5	.001			
		32.5 M -- 15 cm qtz vein upper contact 5° to C.A. Lower contact 90° to C.A. Trace qtz carbonate and Py in vein. Vein is probably folded.		69	115.5	117	1.5	.001			100
				W3370	117	118.5	1.5	.001			
				71	118.5	120	1.5	.001			97
		32.73 - 50.0 M -- Only a weak qtz vein system with 50 cm of qtz (2.9% qtz) Veins are often separated by several meters with no qtz veining.		72	120	121.5	1.5	.001			
				73	121.5	123	1.5	.001			100
				74	123	124.5	1.5	.001			
		35.4 M -- 3.5 cm qtz vein 30° to C.A. and parallel to foliation. 3-5% qtz carbonate and trace Py and minor limonite in the vein.		75	124.5	126	1.5	.002			97
				76	126	127.5	1.5	.029	.025		
		36.5 - 38.5 M -- No qtz veining.		77	127.5	129	1.5	.001			97
				78	129	130.5	1.5	.001			
				79	130.5	132	1.5	.001			100
		38.5 M -- 20 cm qtz vein. Upper contact 55° to C.A., lower contact 75° to C.A. There is trace qtz carbonate and pyrite in vein at selvage.		W3380	132	133.5	1.5	.001			
				81	133.5	135	1.5	.001			95
				82	135	136.8	1.5	.001			

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE (Meters) From	To	Length	ASSAYS Au(oz/t)			
3.0	133.8 M	Cont'd:		W3383	136.5	138	1.5	.001			97
				84	138	139.5	1.5	.001			
		38.7 - 41.75 M -- No qtz veining.		85	139.5	141	1.5	.001			92
				86	141	142.5	1.5	.001			
		There are a number of < 1 cm bands of siliceous sediment interbedded with the K.P. Bedding cuts foliation from 0° to 15°.		87	142.5	144	1.5	.001			54
				88	144	145.5	1.5	.001			
				89	145.5	147	1.5	.001			98
		35.6 M -- 10 cm band of F/g light gray siliceous sediment folded on a 5 cm scale. Fold axis 90° to C.A.		W3390	147	148.5	1.5	.001			
				91	148.5	150	1.5	.001			95
				92	150	151.5	1.5	.001			
		41.75 M -- 5 cm qtz vein 75° to C.A. Minor qtz carbonate in vein at selvage.		93	151.5	153	1.5	.001			100
				94	153	154.5	1.5	.001			
		41.8 M - 44.8 M -- No qtz veining.		95	154.5	156	1.5	.001			63
				96	156	157.5	1.5	.001			
		44.8 - 45.1 M -- Minor qtz veining. At 45 M 2-4 cm qtz vein with offset movement. Minor qtz carbonate and trace Py and Po in vein. This is the first noted Po in FBC 83-5		97	157.5	159	1.5	.001			73
				98	159	160.5	1.5	.001			
				99	160.5	162	1.5	.003			59
		45.1 - 50.0 M -- No qtz veining.		W3400	162	163.5	1.5	.001			
				01	163.5	165	1.5	.001			57
		At 42.5 M -- 25 cm of K.P. with limonite development in most of the knots.		02	165	166.5	1.5	.001			
				03	166.5	168	1.5	.001			92
		50.1 M -- 15 cm qtz vein 80° to C.A. 5% qtz carbonate and trace pyrite in vein.		04	168	169.5	1.5	.010			
				05	169.5	171	1.5	.001			75
				06	171	172.5	1.5	.002			
		50.45 M -- 36 cm qtz vein ≈60° to C.A., with 5% phyllite inclusions, 1-5% qtz carbonate and trace Py in vein.		07	172.5	174	1.5	.001			91
				08	174	175.5	1.5	.001			
				09	175.5	177	1.5	.001			83
		50.35 M -- 3 cm band of F/g siliceous sediment at 80° to C.A.		W3410	177	178.5	1.5	.001			
				11	178.5	180	1.5	.001			83
		50.81 - 54.7 M -- No qtz veining.		12	180	181.5	1.5	.001			
				13	181.5	183	1.5	.002	.004		81
		54.7 - 57.45 M -- Short qtz vein zone with 30 cm of qtz veining (10.9% qtz). Veins are generally subparallel to foliation and 30°-85° to C.A.		14	183	184.5	1.5	.001	.001		
				15	184.5	186	1.5	.001	.002		58
				16	186	187.5	1.5	.001			
		At 57 M there is still only trace pyrite in the Phyllite.		17	187.5	189	1.5	.001			97
				18	189	190.5	1.5	.001			
		From 59 M to 65.3 M there is 10-15% F/g light gray siliceous sediment to tuff interbedded with the K.P. Bedding is 80°-90° to C.A. the siliceous sediment to tuff occurs as < 2 mm to 10 cm bands.		19	190.5	192	1.5	.001			91
				W3420	192	193.5	1.5	.001			
				21	193.5	195	1.5	.001			88
				22	195	196.5	1.5	.001			
				23	196.5	198	1.5	.001			100
		57.45 - 61.71 M -- No qtz veining.		24	198	199.5	1.5	.001			
				25	199.5	201	1.5	.001			95
		54.95 M -- 3-5 cm qtz vein 30° to C.A. and parallel to foliation. Trace qtz carbonate in vein.		26	201	202.5	1.5	.001			
				27	202.5	204	1.5	.001			100
				28	204	205.5	1.5	.001			
		57.3 M -- Folded 5-6 cm qtz vein 60° to C.A. 5% qtz carbonate, minor sericite and trace Po. Py in the vein.		29	205.5	207	1.5	.001			93
				W3430	207	208.5	1.5	.001			
				31	208.5	210	1.5	.001			83
		From 65.3 - 67.8 M -- 25% of section is siliceous sediment to tuff. Bedding is at 80°-90° to C.A. Below 67.8 M there is only trace siliceous sediment and tuff in the K.P.		32	210	211.5	1.5	.001			
				33	211.5	213	1.5	.001			90
				34	213	214.5	1.5	.001			

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	Length	ASSAYS Au(oz/t)	Metallic Au(FA)	Metallic Au(SCY)	RQD
.0	133.8 M	Cont'd:		W3435	214.5	216	1.5	.001			80
				36	216	217.5	1.5	.001			
		63.7 - 77.15 M -- there are only 1 - 2 cm of qtz veining per meter at best. Usually only minor qtz carbonate and sulphide are present in the veins. There are 22 cm of qtz veining (1.6% qtz).		37	217.5	219	1.5	.001			76
				38	219	220.5	1.5	.001			
				39	220.5	222	1.5	.002			93
				W3440	222	223.5	1.5	.001			
		65.95 - 66.3 M -- unit of F/g Siliceous sediment with interbedded phyllite. Bedding is on a 1-2 mm scale.		41	223.5	225	1.5	.001			88
				42	225	226.5	1.5	.001			
		64.3 - 67.25 M -- No qtz veining.		43	226.5	228	1.5	.001			76
				44	228	229.5	1.5	.002			
				45	229.5	231	1.5	.001			77
		67.35 - 67.65 M -- Fracture at 30° and one at 45° to C.A. Both have a thin limonite coating.		46	231	232.5	1.5	.001			
				47	232.5	234	1.5	.001			68
				48	234	235.5	1.5	.001			
		70.25 M -- 10 cm qtz vein at 80° to C.A. Vein is barren.		49	235.5	237	1.5	.001			33
				W3450	237	238.5	1.5	.002			
		72.9 M -- Three parallel qtz veins 2-5 mm in width, and at 45° to C.A. Veins are crenulated and are barren.		51	238.5	240	1.5	.002			53
				52	240	241.5	1.5	.003			
				53	241.5	243	1.5	.002			97
		71.4 - 71.9 M -- Broken Core.		54	243	244.5	1.5	.001	.001		
				55	244.5	246	1.5	.001	.001		100
		70.35 - 74.7 M -- Trace qtz veining as 1 - 5 mm veinlets at 72.9 M. These veinlets are folded.		56	246	247.5	1.5	.001	.002		
				57	247.5	249	1.5	.001	.001		98
				58	249	250.5	1.5	.001	.001		
		74.9 M -- 5 cm qtz vein 60° to C.A. and subparallel to foliation. Trace qtz carbonate in vein.		59	250.5	252	1.5	.001	.001		100
				W3460	252	253.5	1.5	.001	.001		
				61	253.5	255	1.5	.001	.001		90
		75.8 M -- 2 cm qtz vein. 75° to C.A. and parallel to foliation. 3-5% qtz carbonate in vein.		62	255	256.5	1.5	.001	.001		
				63	256.5	258	1.5	.001	.001		97
				64	258	259.5	1.5	.001	.001		
		75.82 M - 77.15 M -- No qtz veining.		65	259.5	261	1.5	.001	.004		90
				66	261	262.5	1.5	.001	.001		
		77.15 - 92.5 M - qtz vein zone with 296 cm of qtz veining (19.3% qtz). Veins are up to 30 cm in size. The majority of the veins are either parallel to or subparallel to foliation. There is usually < 1% to 10% qtz carbonate and trace to 5-7% sulphides in these veins. Sericite is noted in many of the veins. A few veins have up to 20% qtz carbonate and ≈ the same amount of sulphides. There is usually a carbonaceous selvage associated with the veins.		67	262.5	264	1.5	.001	.001		97
				68	264	265.5	1.5	.001	.001		
				69	265.5	267	1.5	.001	.001		63
				W3470	267	268.5	1.5	.024	.013		
				71	268.5	270	1.5	.007	.016		87
				72	270	271.5	1.5	.001	.001		
				73	271.5	273	1.5	.007	.008		47
				74	273	274.5	1.5	.001	.003		
		From 77 M trace Po is noted in the Phyllite. Total sulphide content in the Phyllite to 85 M is 0.1-0.3% Py, Po.		75	274.5	276	1.5	.010	.011		78
				76	276	277.5	1.5	.020	.021		
				77	277.5	279	1.5	.110	.081		57
		77.2 M -- 20 cm qtz vein 70° to C.A. Vein has 5% qtz carbonate and trace Po. Py.		78	279	280.5	1.5	.001	.002		
				79	280.5	282	1.5	.002	.010		89
				W3480	282	283.5	1.5	.020	.018		
		78.0 M -- 18 cm qtz vein. 80° to C.A. 3-5% qtz carbonate and trace Po. Py.		81	283.5	285	1.5	.010	.013		100
				82	285	286.5	1.5	.001	.003		
		80.05 M -- 57 cm's with 42 cm's of qtz in three veins. Veins are ≤ 70° to C.A. and parallel to foliation. These veins have 3-5% qtz carbonate in vein at selvages and minor Po. Py.		83	286.5	288	1.5	.001	.001		97
				84	288	289.5	1.5	.001			
				85	289.5	291	1.5	.001			97
				86	291	292.5	1.5	.002			

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FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE (Meters) From	To	Length	ASSAYS Au(oz/t)	Metallics Au(g/t)		BQD
3.0	133.8 M	Cont'd:		W3487	292.5	294	1.5	.002			69
				88	294	295.5	1.5	.002			
		81.95 M -- 2 cm qtz vein 40° to C.A. and parallel to foliation. Minor qtz carbonate, 5-7% Po, Py and trace Cpy in vein.		89	295.5	297	1.5	.001			47
				W3490	297	298.5	1.5	.001	.002		
		82.0 M -- Irregular 5-8 cm qtz vein with 50% qtz carbonate and 30% Po, Py.		91	298.5	300	1.5	.022	.008		75
				92	300	301.5	1.5	.002	.004		
		82.3 M -- 3-5 cm qtz vein, folded. With minor qtz carbonate and 3-5% Po, Py and trace sphalerite and Cpy.		93	301.5	303	1.5	.003	.002		47
				94	303	304.5	1.5	.001	.002		
		84.4 M -- Broken 15 cm qtz vein with 5% qtz carbonate and trace Po, Py.		95	304.5	306	1.5	.015	.004		59
				96	306	307.5	1.5	.002	.003		
		84.7 M -- 27 cm qtz vein with 10% Phyllite inclusions. Vein is parallel to foliation and has minor qtz carbonate and Po, Py.		97	307.5	309	1.5	.087	.039		56
				98	309	310.5	1.5	.010	.010		
				99	310.5	312	1.5	.001	.002		46
		Noted in a number of qtz veins from 77.05 - 85.0 M is pale green sericite? as well as the white variety.		W3500	312	313.5	1.5	.001			
				01	313.5	315	1.5	.001			21
				02	315	316.5	1.5	.001			
				03	316.5	318	1.5	.001			84
		78-82.3 M -- mainly black banded phyllite.		04	318	319.5	1.5	.001			
				05	319.5	321	1.5	.001			76
				06	321	322.5	1.5	.001			
		84.6 - 85.2 M -- mainly black banded phyllite.		07	322.5	324	1.5	.001			83
				08	324	325.5	1.5	.001			
				09	325.5	327	1.5	.001			74
		86.5 - 78.1 M -- broken qtz vein down C.A. Vein has 20% qtz carbonate at selvage in vein and 5-15% Po, Py. There are about 25% phyllite inclusions in the vein. Lower contact of vein is 30° to C.A.		W3510	327	328.5	1.5	.001			
				11	328.5	330	1.5	.001			70
				12	330	331.5	1.5	.001			
		87.17 M -- 47 cm qtz vein upper contact 80° to C.A. Lower contact 35° to C.A. 3-5% qtz carbonate and minor Po, Py in vein at selvage. Minor qtz carbonate is present in centre of vein. Trace Cpy is noted in vein.		13	331.5	333	1.5	.001			67
				14	333	334.5	1.5	.001			
				15	334.5	336	1.5	.001			100
				16	336	337.5	1.5	.001			
		91.35 M -- 20 cm of qtz veining. May be one vein with phyllite inclusions or several veins. Vein is at 80° to C.A. 3-5% qtz carbonate and minor sulphides in vein.		17	337.5	339	1.5	.001			73
				18	339	340.5	1.5	.001			
				19	340.5	342	1.5	.001			55
				W3520	342	343.5	1.5	.001			
		92.3 M -- 17 cm qtz vein 80° to C.A. Vein has minor qtz carbonate and trace sulphides in vein.		21	343.5	345	1.5	.001			63
				22	345	355.5	1.5	.001			
				23	355.5	348	1.5	.001			97
				24	348	349.5	1.5	.001			
		The phyllite has stronger carbonaceous development adjacent to the qtz veins. Most of the veins are either parallel or subparallel to foliation. Foliation may be folded. Some of the qtz veins do cut foliation.		25	349.5	351	1.5	.001			98
				26	351	352.5	1.5	.001			
				27	352.5	354	1.5	.001			93
				28	354	355.5	1.5	.001			
		92.5 - 133.8 M -- A moderate qtz vein zone occurring as 2-5 meters of good qtz veining separated by several meter with no or trace qtz veining.		29	355.5	357	1.5	.001			69
				W3530	357	358.5	1.5	.001			
				31	358.5	360	1.5	.001			97
		92.5 - 133.8 M -- there is 330 cm of qtz (8.0% qtz).		32	360	361.5	1.5	.001			72
				33	361.5	363	1.5	.001			
		From 94.75 - 96.7 M -- Trace qtz veining.		34	363	364.5	1.5	.001			
				35	364.5	366	1.5	.001			70
				36	366	367.5	1.5	.001			
		98.8 M -- 45 cm qtz vein upper contact 45° to C.A. Vein has trace qtz carbonate and sulphides. There are irregular 3-5 cm qtz veins above and below the 45 cm qtz vein. These veins have ~ 20% qtz carbonate in vein at selvage.		37	367.5	369	1.5	.001			86
				38	369	370.5	1.5	.002	370.5-372 M --		10 cm ground

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE (Meters) From	To	Length	ASSAYS Au(oz/t)	Metallic Ag(oz/t)	Other	RQD
3.0	133.8 M	Cont'd:		W3539	370.5	372	1.5	.001			56
				W3540	372	373.5	1.5	.001	373.5-375 M --		10 cm ground
		101.4 M -- 27 cm unit of siliceous sediment. Lower contact sharp at 85° to C.A.		41	373.5	375	1.5	.001			25
				42	375	376.5	1.5	.001			
				43	376.5	378	1.5	.001			36
		100.72 M -- 6 cm qtz vein 60° to C.A. and subparallel to foliation. Minor qtz carbonate and trace sulphides in vein.		44	378	379.5	1.5	.001			
				45	379.5	381	1.5	.001			75
				46	381	382.5	1.5	.001			
		100.79 M to 103.35 M -- trace qtz veining.		47	382.5	384	1.5	.001			45
				48	384	385.5	1.5	.001			
		103.35 M -- 12 cm qtz vein at 80° to C.A. Trace qtz carbonate in vein.		49	385.5	387	1.5	.001	.001		67
				W3550	387	388.5	1.5	.001	.001		
		103.47 - 111.8 M -- Minor qtz veining with 2-3 cm of qtz per meter. Veins are subparallel to foliation and have trace qtz carbonate and sulphides at best.		51	388.5	390	1.5	.001	.001		78
				52	390	391.5	1.5	.001	.001		
				53	391.5	393	1.5	.001	.001		81
				54	393	394.5	1.5	.001	.001		
		106.3 M -- 108.5 M -- Black banded Phyllite.		55	394.5	396	1.5	.001	.001		50
				56	396	397.5	1.5	.001	397.5-399 M --		20 cm ground
		From 109.5 - 114.4 M ≈ 15% F/g light gray siliceous sediment to siliceous tuff interbedded with the phyllite. Bedding is at 80°-90° to C.A. Units of siliceous sediment vary in size from ≤ 5 mm to 10 cm. Foliation is subparallel to bedding ± 0°-10°. There are weak crenulations noted in the siliceous sediment.		57	397.5	399	1.5	.001			30
				58	399	400.5	1.5	.001			
				59	400.5	402	1.5	.001			68
				W3560	402	403.5	1.5	.001			
				61	403	405	1.5	.001			52
				62	405	406.5	1.5	.001			
		111.8 - 113.25 M -- 49 cm of qtz veining.		63	406.5	408	1.5	.001			56
				64	408	409.5	1.5	.001			
		111.8 M -- 8 cm qtz vein 60° to C.A. Minor qtz carbonate and sulphides in vein.		65	409.5	411	1.5	.001			55
				66	411	412.5	1.5	.001			
				67	412.5	414	1.5	.001			60
		112.2 M -- 16 cm qtz vein 75° to C.A. 5% qtz carbonate and minor Po, Py in vein.		68	414	415.5	1.5	.001			
				69	415.5	417	1.5	.001			47
				W3570	417	418.5	1.5	.001			
		112.5 M -- qtz vein folded and at 0° to C.A. Minor qtz carbonate and sulphides in vein. Vein has 10-20% phyllite inclusions.		71	418.5	420	1.5	.001			68
				72	420	421.5	1.5	.001			
				73	421.5	423	1.5	.001			70
		113.1 M -- 15 cm qtz vein. Upper and lower contacts convergent and at 50° to C.A. 5-7% qtz carbonate and minor sulphides in vein. Vein is parallel to foliation.		74	423	424.5	1.5	.001			
				75	424.5	426	1.5	.001			35
				76	426	427.5	1.5	.001			
				W3577	427.5	428.9	1.4	.001			86
		113.25 - 121.55 M -- Only trace qtz veining.									
		117.5 M -- Irregular and folded 5 cm qtz vein with F/g bedded siliceous tuff? Vein is parallel to bedding at lower contact. Vein has 10% qtz carbonate and 20% Po, Py.									
		Below 114.4 M there is 1-3% siliceous sediment to siliceous tuff occurring as < 2 mm to 10 mm bands in the knotted phyllite. Bedding is subparallel to foliation at 70°-90° to C.A.									
		3.0 - 112 M -- only trace Py, Po ≈ 0.1 - 0.3% in the phyllite.									
		112 M to 124.0 M -- up to 0.5% Po, Py in the Phyllite.									

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
3.0	133.8 M	Cont'd:						
		121.55 - 133.8 M -- Good qtz vein zone with 2.1 meters of qtz veining (17.1 % qtz). Veins vary in size from <1 cm to 35 cm. Most veins are 3-10 cm in width. Veins have up to 30% qtz carbonate, usually however it is less than 10%. There is 3-5% Po, Py in most of the veins with a few having greater than 10% Po, Py. Veins are generally parallel to or sub-parallel to foliation. From 126.8 M to 133.8 M foliation is quite variable and often strongly folded.						
		From 124.0 - 133.8 M -- there is mainly black banded phyllite which is strongly carbonaceous with 10-20% gray siliceous sediment to tuff. Bedding when not folded is at 70°-90° to C.A. Often it is strongly folded. There is only minor knotted phyllite in the last 9.8 M of this section.						
		There is trace Cpy and sphalerite noted in the qtz veins at 121.9 and 122.6M Trace Galena is noted in a qtz vein at 124.6 M.						
		122.35 M -- 2-4 cm qtz vein 70° to C.A. Vein has about 10-20% qtz carbonate and trace Po, Py and trace Cpy and Sphalerite.						
		125.1 M -- 25 cm of strongly folded black phyllite with qtz veining. Only trace qtz carbonate and sulphides are associated.						
		127.1 M -- 30 cm qtz vein with 10-20% qtz carbonate and 10% Po, Py.						
		127.75 M -- 40 cm qtz vein with irregular contacts. Vein has trace qtz carbonate and sulphides.						
		128.75 M -- Folded 15 cm qtz vein. Lower contact 5° to C.A. Vein has 10-15% qtz carbonate & 5-7% Py, Po.						
		From 124.0 - 133.8 M there is an increase in the sulphide content to 2-4%.						
		132.25 M -- 5 cm qtz vein 70° to C.A. Minor qtz carbonate in vein.						
		133.55 M -- 14 cm qtz vein with 20% Phyllite inclusions. Minor qtz carbonate and sulphides in vein.						
		The lower contact of this unit is in a qtz vein.						
133.8	163.4 M	F/g Light to Medium Gray Siliceous Sediment to Siliceous tuff to Chert, and Minor Knotted Phyllite.						
		Bedding in this unit is well preserved and is at 65° to 90° to C.A. The units being called a siliceous tuff are a darker gray and slightly softer than the siliceous sediment. There appears to be weak sericite alteration in this siliceous tuff. There is a weak foliation which is better preserved in the K.P. and is 70-90° to C.A. There is only very weak qtz veining in this section. Veins are at various angles to C.A. and can be seen cutting bedding. Veins have only trace Py at best. The siliceous sediment has only trace Py with only slightly higher content of sulphides in the K.P.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
133.8	163.4M	Cont'd:						
		Total sulphide content appears to be < 0.2%.						
		133.8 - 135.15 M -- Siliceous sediment with the last 15 cm being chert.						
		135.15 - 137.85 M -- Interbedded siliceous sediment and K.P. Lower contact sharp at 85° to C.A.						
		137.85 - 138.7 M -- Siliceous sediment to siliceous tuff.						
		138.7 - 139.3 M -- Siliceous tuff and K.P.						
		139.3 - 144.3 M -- Siliceous tuff and siliceous sediment.						
		144.3 - 145.7 M -- K.P. and siliceous sediment interbedded.						
		145.7 - 146.35 M -- Siliceous sediment to siliceous tuff.						
		146.35 - 161.9 M -- Siliceous sediment, siliceous tuff and minor chert interbedded with K.P. There is about 30-35% K.P. in this interval. The units varies from <1 cm to 50 cm for the K.P. The siliceous sediment is usually thinly bedded. Bedding varies from 60°-90° to C.A. and may represent folding.						
		161.9 - 163.4 M -- Siliceous sediment.						
		142.1 M - 6 cm qtz vein 80° to C.A. Vein cuts bedding at 5°. Vein has trace Py.						
		137.8 - 163.4 M -- 40 cm of qtz veining (1.5% qtz)						
		133.8 - 147.5 M -- trace qtz veining at 138.1 M.						
		The chert at 135.0 - 135.15 M has light to dark banding on a 5 mm scale. It doesn't appear to be bedding.						
		At 148.0 M a contact between siliceous sediment and K.P. is at 70° to C.A.						
		149.05 M -- 2-3 cm qtz vein 90° to C.A. Vein has 3-5% qtz carbonate and trace sulphides.						
		151.7 M -- 1-2 cm qtz vein 30° to C.A. and cuts bedding. Vein has minor offset movement. Vein has trace qtz carbonate.						
		153.5 M -- Fracture 5° to C.A. Fracture has an irregular surface.						
		154.1 - 156.0 M -- No qtz veining.						
		157.05 M -- 3-5 cm qtz vein 20° to C.A. Vein is barren.						
		159.1 M -- 5 cm qtz vein 60° to C.A. and cuts bedding which is at 80° to						

FOOTAGE From	FOOTAGE To	DESCRIPTION	Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
133.8	163.4 M	Cont'd:						
		C.A. Vein has 2-5% qtz carbonate and 2-4% Py and trace Po.						
		133.8 - 163.4 M -- Trace Py in the siliceous sediment with only slightly higher sulphides in the phyllite.						
163.4	243.55 M	Black Knotted Phyllite ≈ 30% Knots.						
		Foliation is sharp at 70-90° to C.A. Knots are up to 2-7 mm in size and round to oval in shape. A few have an irregular shape. The phyllite has only trace Py.						
		For the first 1.4 M there is 10-15% siliceous sediment interbedded with the phyllite at < 10 cm bands. Below 164.8 M there is minor siliceous sediment < 5%. Bedding is 65° to 80° to C.A. Foliation cuts bedding.						
		163.6 M -- 5-7 cm qtz vein. Upper contact 90° to C.A. Lower contact 20° to C.A. Vein is barren.						
		163.7 - 168.15 M -- No qtz veining.						
		Noted in several of the siliceous bands is weak to moderate crenulations. Although most siliceous units are only < 1 to 10 cm, a few are up to 30 cm in width.						
		174.55 M -- 28 cm band of siliceous sediment. Lower contact sharp at 75° to C.A. Within this unit of siliceous sediment is a fold on a 10-15 cm scale with crenulations.						
		168.15 M -- 48 cm qtz vein 75° to C.A. Unit has 5% qtz carbonate and trace sulphides, in vein at selvage. Vein looks similar to one containing V.G. in hole FBC 83-1 at 106.9 M.						
		168.8 M -- 10 cm band of qtz carbonate at 70° to C.A. The carbonate has minor Po, Py associated.						
		169.25 M to 181.9 M -- only trace qtz veining.						
		169.2 M -- folded and irregular 1 cm qtz vein with 20% qtz carbonate in vein selvage and 10% Po, Py. Vein is at 30° to C.A. and parallel to foliation.						
		177.52 M -- 2-5 cm qtz vein 70° to C.A. Trace qtz carbonate and sulphides in vein.						
		177.57 M - 181.9 M -- No qtz veining.						
		181.9 - 185.03 M -- A qtz vein zone with 51 cm of qtz (16.3%)						
		The qtz veining is generally subparallel to foliation ± 10°. Veins have 5-20% qtz carbonate and up to 10% Po, Py. Veins vary in size up to 15 cm.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
163.4	243.55 M	Cont'd:						
		There are usually strong carbonaceous development in the Phyllite as selvages to the veins. Trace dolomite is noted in many of the veins.						
		182.0 M -- 12 cm qtz vein 60° to C.A. and cuts foliation. Vein has 15% qtz carbonate, 5% Po, Py and trace Cpy.						
		182.55 M -- Irregular 15 cm qtz vein. Possibly folded. Vein has 20% qtz carbonate and 5-10% Po, Py.						
		183.65 M -- 6 cm qtz vein 70° to C.A. and parallel to foliation. Vein has trace qtz carbonate and sulphides.						
		184.75 M -- 10 cm qtz vein. Lower contact 85° to C.A. Minor qtz carbonate and Po, Py in vein.						
		185.0 M -- 1-3 cm qtz vein 70° to C.A. and cuts foliation. Vein has 30% qtz carbonate and trace Po, Py.						
		185.03 M - 197.3 M -- No qtz veining.						
		192.2 M -- Fracture 10° to C.A.						
		197.3 M -- qtz vein at 0° to C.A. for 10 cm. Vein cuts foliation. There is trace qtz carbonate and po, py in vein. Vein occupies only 20% of core, and is on core surface.						
		197.4 - 199.4 M -- 1 cm barren qtz vein at 40° to C.A. Vein is at 198.9 M.						
		199.45 M -- 1-2 cm fragment of qtz in the phyllite. Qtz carbonate occurs as a 2-3 mm selvage in fragment.						
		199.55 M -- Folded 2-4 cm qtz vein. Fold is 0° to C.A. for 14 cm. Trace qtz carbonate and sulphides in vein.						
		199.95 M -- 1 cm qtz vein 70° to C.A. 50% qtz carbonate and trace Po in vein.						
		199.96 - 203.9M -- No qtz veining.						
		203.9 M -- 5 mm irregular qtz vein with trace qtz carbonate.						
		203.91 - 213.95 M -- No qtz veining.						
		163.4 - 206 M -- only trace Po, Py in the phyllite.						
		213.95 M -- 23 cm qtz vein. Upper contact 40° to C.A. Lower contact 80° to C.A. Vein has 10-15% phyllite inclusions, 5% qtz carbonate and trace sulphides.						
		214.18 - 217.36 M -- No qtz veining.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
163.4	243.55 M	Cont'd:						
		217.36 M -- 10 cm qtz vein 80° to C.A. and parallel to foliation. 3-5% qtz carbonate and 2-3% Po, Py in vein.						
		217.46 M - 218.0 M -- No qtz veining.						
		218.0 M -- 16 cm qtz vein 50° to C.A. Trace qtz carbonate and sulphides in veins.						
		218.16 - 243.55 M -- Only trace qtz veining.						
		From 218 M there is an increasing amount of siliceous sediment to tuff? interbedded with the phyllite. Bedding is 80°-90° to C.A. and subparallel to foliation. Units are usually ≤10 cm, however units up to 30 cm are present.						
		218.5 M -- 10 cm band of siliceous sediment, moderate sericite development.						
		219.6 M -- Irregular wedge shaped 2-5 mm qtz vein. Vein has 20% qtz carbonate and 5% Po, Py and trace galena.						
		220.85 M -- 6 cm qtz vein 50° to C.A. Lower contact 90° to C.A. Vein has 7-10% qtz carbonate and 3-5% Po, Py.						
		223.2 M -- 25 cm siliceous sediment unit with 1-5 mm bands of K.P. interbedded. Bedding is at 85° to C.A. and parallel to 5° to foliation.						
		225.4 M -- Folded 5-10 cm qtz vein, at 30° to C.A. with converging boundaries. Vein is parallel to foliation at lower contact. There is trace qtz carbonate and sulphides in vein.						
		229.3 M -- 1-3 cm qtz vein 70° to C.A. and cuts foliation at 10°. Vein has minor qtz carbonate and trace sulphides in vein at selvage.						
		230.68 - 230.9 M -- Four subparallel qtz veins at 60°-75° to C.A. Veins are subparallel to foliation. Veins are 1-3 cm in width, and contain 10-30% qtz carbonate and 5-15% Po, Py.						
		230.9 - 243.55 M -- ≤ 5 cm of qtz veining. Veins are 2-5 mm in width and have trace qtz carbonate. Below 232.5 M there is an increase in the percentage of siliceous sediment to tuff interbedded with the phyllite.						
		232.5 - 234 M ≈ 30-40% siliceous sediment to tuff.						
		234.0 - 235.2 M -- Mainly K.P.						
		235.7 - 238.85 M -- ≈ 70% siliceous sediment to tuff, interbedded with black banded phyllite and minor K.P. Bedding is at 85°-90° to C.A.						
		238.85 - 243.55 M -- K.P. and 20% -30% siliceous sediment to tuff interbedded.						
		163.4 - 243.55 M -- There is only trace sulphides in the phyllite.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
243.55	267.15 M	F/g Black Banded Phyllite Interbedded with F/g Medium Gray Siliceous Sediment to Tuff and Minor Knotted Phyllite.						
		To 264 M there is about 20% siliceous sediment to tuff and 5-15% knotted phyllite. This section has an increase in the sulphide content to 2-4% with the strongest concentration in the banded phyllite. The siliceous sediment to tuff units have < 1% sulphides. The sulphides occur as bands and streaks parallel to foliation and as irregular blebs.						
		This section has a good qtz vein zone from 243.55 - 264 M. There is strong carbonaceous development occurring in the phyllite as selvages to qtz veins. Foliation is generally 70°-90° to the C.A. and many of the veins are subparallel to foliation. Foliation can be seen folding around qtz veins. Bedding is preserved in the siliceous sediment and is usually ≈ 80° to the C.A. However folding is occasionally noted.						
		243.55 - 267.35 M -- ≈ 3.66 meters of qtz veining (15.4% qtz) veins have up to 20% qtz carbonate and up to 10% Po, Py. There are a number of < 1 cm qtz veins which display crenulations.						
		244.15 M -- 64 cm qtz vein 75° to C.A. Vein has abundant qtz carbonate and Po, Py as a 3 cm selvage at either end of vein. Rest of vein is barren.						
		246.25 M -- 1-3 cm qtz vein 0° to C.A. for 18 cm. Vein is subparallel to foliation. Minor qtz carbonate and 2-3% Po, Py in the vein.						
		246.55 M -- Irregular 2-4 cm qtz vein 0° to C.A. and folded. Vein has minor qtz carbonate and sulphides. There is 5% stringer Po, Py in the Phyllite adjacent to the vein.						
		246.95 M -- 20 cm qtz vein 60° to C.A. and parallel to foliation. 5-10% qtz carbonate and 3-5% Po, Py in vein.						
		248.85 M -- 1-4 cm qtz vein 80° to C.A. 40% qtz carbonate and minor sulphides in vein.						
		250.95 M -- 11 cm qtz vein 75° to C.A. Vein has 10-20% Phyllite inclusions. There is 3-5% qtz carbonate and 1-2% Po, Py in vein.						
		Noted in many of the veins in this zone is F/g white sericite.						
		246.1 - 248.9 M -- the phyllite is moderately folded.						
		248.9 M - 258.4 M ≈ 40% siliceous sediment and or tuff. Bedding is generally 70°-90° to C.A. There is < 1% Po, Py in the siliceous sediment sections.						
		256.55 M -- 40 cm qtz vein 75° to C.A. Vein is barren.						
		257.75 M -- 20 cm qtz vein 45° to C.A. and parallel to foliation. 5-7% qtz carbonate and 2-3% Po, Py in vein.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
243.55	267.15M	Cont'd:						
		260.1 - 261.0 M -- Folded qtz vein or veins. Veins at 0° to 65° to C.A. The 90 cm has ≈ 70% qtz with 30% Phyllite as fragments between veins. Veins have 20% qtz carbonate and 10-15% Po, Py.						
		262.5 M -- 15 cm qtz vein. Upper contact 70° and Lower contact 30° to C.A. Vein has 5% qtz carbonate and 3-5% Po, Py.						
		263.05 M -- 20 cm qtz vein 65° to C.A. Vein has minor qtz carbonate and sulphides.						
		264.03 - 264.3 M -- K.P. with 15% knots.						
		264.3 - 267.15 M -- Mixed banded phyllite, siliceous sediment and K.P.						
		264.35 M -- 20 cm qtz vein with irregular contacts. Vein has trace qtz carbonate and sulphides.						
		265.0 M -- Folded 5-10 cm qtz vein down C.A. Lower contact 80° to C.A. 5-7% qtz carbonate and 3-5% Po, Py in vein.						
		265.65 M -- 2-5 cm qtz vein 70° to C.A. 2-4% qtz carbonate and 5-7% Po in vein.						
		266.65 M -- 6 cm qtz vein 75° to C.A. 5% qtz carbonate in vein.						
		267.1 M -- 2-3 cm qtz vein 70° to C.A. Trace sulphides in vein.						
		243.55 - 267.15 M -- upto 2-3% Po, Py in the Phyllite.						
267.15	330.7 M	Interbedded Black Banded Phyllite, Knotted Phyllite, with 5-15% Gray Siliceous Sediment to Tuff.						
		There appears to be about equal amounts of Knotted Phyllite and Banded Phyllite. There is often strong carbonaceous development in this section.						
		There is varying amounts of Po, Py present in this section.						
		267.15 - 271 M -- 2-4% Po, Py as stringers parallel to foliation.						
		Foliation is strong at 70°-90° to C.A. Bedding is about 80°-85° to C.A.						
		267.15 - 267.4 M --F/g gray siliceous sediment. In the K.P. the knots vary in size from 2-8 mm, and often are oval shaped. A few are irregular shaped. Some of the knots have been rotated at an angle to foliation. The percentage of knots varies from 5-20%.						
		Folding of the foliation is noted in some of the siliceous sections.						
		273.2 - 273.8 M -- Folding in siliceous sediment interbedded with K.P. Folds are on a 10-20 cm scale. Folds are weakly crenulated.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
267.15	330.7 M	Cont'd:						
		274.9 M -- 7 cm qtz vein 80° to C.A. Vein has a 1 cm band of sericite, qtz carbonate and Po, Py in lower third.						
		275.15 M -- 10 cm qtz vein 70° to C.A. 3-5% qtz carbonate and 1-2% Po, Py in vein. Trace sphalerite is noted in vein.						
		267.4 - 269.6 M -- mainly knotted phyllite (10-15% Knots).						
		269.6 - 271.7 M -- mainly carbonaceous black banded phyllite.						
		271.7 - 285.6 M -- Knotted phyllite with 10-15% interbedded siliceous sediment to tuff. The siliceous units appear to be sericitic. They occur in < 1 cm - 10 cm bands. Folding in the siliceous sediment is noted at 273.2 - 273.8 M.						
		277.6 - 286.3 M -- qtz vein zone with 1.51 meters of veining (17.4% qtz). The qtz veins are large up to 45 cm with up to 1-3 meters between veins. Veins are parallel to or subparallel to foliation. Foliation can be seen to curve around veins. There is strong carbonaceous development in the phyllite adjacent to the veins. Moderate white sericite is noted in many of the qtz veins.						
		277.6 M - 10 cm qtz vein with converging contact at 50° to C.A. and parallel to foliation. 3-5% qtz carbonate and 5% Po, Py and trace sphalerite in vein.						
		279.35 M -- 12 cm qtz vein. Upper contact 70° to C.A. Lower contact 50° to C.A. 5-7% qtz carbonate and 3-5% Po, Py in vein.						
		279.6 M -- 45 cm qtz vein. Upper contact 50° to C.A. Lower contact 80° to C.A. Vein has 5% qtz carbonate and 2-3% Po, Py.						
		280.4 M -- 8 cm qtz vein 90° to C.A. Trace Po, Py and qtz carbonate in vein.						
		280.5 M -- 25 cm's with one or more folded qtz veins. Veins are 1-3 cms in width and vary from 30°-80° to C.A. At 280.5 M there are crosscutting qtz veins. Both are 40-45° to C.A. and intersect at ≈90°. Both have minor Po, Py and qtz carbonate. The phyllite between veins is strongly carbonaceous.						
		282.45 M -- 5 cm qtz vein. Upper contact 35° to C.A. and Lower Contact 80° to C.A. 3-5% qtz carbonate and minor Po, Py in vein.						
		285.2 M -- 1-2 cm qtz vein 40° to C.A. and subparallel to foliation. Minor qtz carbonate and Po, Py in vein.						
		285.9 M -- 40 cm qtz vein at 45°-50° to C.A. and parallel to foliation. 3-5% qtz carbonate and minor Po, Py in vein, mainly at selvage of vein.						
		285.6 - 287.6 M -- Dark Gray siliceous sediment to tuff. Unit appears sericitic. Bedding is at 80° to C.A.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
267.15	330.7 M	Cont'd:						
		287.6 - 298.7 M -- Knotted Phyllite (10-15% Knots) and 5-10% siliceous sediment interbedded.						
		271-284.7 M -- ≤2% Po. Py in the Phyllite.						
		284.7 - 285.6 M -- 2-3% Po. Py as stringers parallel to foliation in the phyllite.						
		286.3 - 312.8 M -- only trace qtz veining.						
		297.3 - 297.8 M -- F/g Dark Gray Siliceous sediment.						
		288.35 M -- 5mm to 1.5 cm qtz vein 70° to C.A. There is trace qtz carbonate and Po. Py in vein.						
		288.37 - 296.2 M -- No qtz veining.						
		296.2 M -- 1 - 1.5 cm qtz vein. 40° to C.A. and cuts foliation. Trace Po. Py and qtz carbonate in vein.						
		296.22 - 302.8 M -- No qtz veining.						
		285.6 - 298.8 M -- ≤ 2% Po. Py in the Phyllite.						
		298.8 - 301.6 M -- 2-3% Po. Py in the knotted phyllite as stringers parallel to foliation.						
		298.7 - 301.6 M -- Black Banded Phyllite.						
		301.6 - 309.5 M -- Mainly weakly knotted phyllite (10-15% knots). Knots are up to 1 cm in size and subrounded.						
		302. M -- Foliation is at 60° to C.A.						
		309.5 - 315.4 M -- Interbedded F/g Black Banded Phyllite and siliceous sediment to tuff. Bedding is at 75° to C.A.						
		302.8 M -- 3 cm qtz vein 60° to C.A. and parallel to foliation. Trace qtz carbonate and sulphides in vein.						
		302.83 - 306.4 M -- No qtz veining.						
		306.4 - 308.7 M -- 3 cm of qtz veining in four veins. Veins are subparallel to foliation and have trace qtz carbonate and sulphides.						
		308.7 - 312.8 M -- Trace qtz veining at 310.1 M. 2 cm of qtz veining with trace qtz carbonate and sulphides.						
		312.8 - 324.7 M -- Moderate qtz vein with 76 cm of veins. (6.4% qtz). The qtz veins are parallel to or subparallel to foliation with strong carbonaceous development in the phyllite adjacent to veins. Foliation is generally 70°-80° to C.A.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
267.15	330.7M	Cont'd:						
		315.4 -- 320.4 M -- Mainly weakly knotted phyllite with 3-5% siliceous sediment. The siliceous sediment occur in < 1 cm to bands.						
		312.8 M -- 6 cm qtz vein 70° to C.A. and parallel to foliation. 2-3% qtz carbonate and minor Po, Py in the vein.						
		313.2 M -- 27 cm qtz vein with 1 cm band of phyllite. Vein is at 80° to C.A. Vein has 2-4% qtz carbonate and 3-5% sulphides.						
		314.4 M -- 6 cm qtz vein 70° to C.A. Minor qtz carbonate and 2-3% pyrite in the vein.						
		315.35 M -- 5 cm qtz vein 80° to C.A. Vein has 30% Phyllite as an inclusion. There is only trace qtz carbonate and Py in the vein.						
		315.4 - 319.1 M -- Weak qtz veining.						
		319.3 M -- 7 cm qtz vein 85° to C.A. Vein is void of sulphides and qtz carbonate.						
		320.65 M -- 2-5 cm qtz vein. 60° to C.A. Vein has 5-7% qtz carbonate and 2-3% Py.						
		320.85 M -- 5 cm qtz vein 70° to C.A. Minor qtz carbonate and sulphides in vein.						
		301.6 - 309.5 M -- Minor sulphides in the phyllite. 309.5 - 314.1 M -- 2-4 % Po, Py in the Phyllite. 314.1 - 328.0 M -- < 1% Po, Py in the Phyllite. 328.0 - 330.7 M -- 2-4% Po, Py in the Phyllite.						
		321.5 M -- 8 cm qtz vein 85° to C.A. 5-7% qtz carbonate and 1-2% Po, Py in the vein.						
		320.4 - 330.7 M -- Black banded phyllite interbedded with Siliceous Sediment (sericitic) and lesser knotted phyllite.						
		324.1 M -- 6 cm qtz vein. 70° to C.A. Vein has minor qtz carbonate and sulphides.						
		324.2 M -- 330.7 M -- there is only minor qtz veining. Veins are usually 1-6 mm in width and parallel to foliation. There is only trace qtz carbonate and sulphides associated. Veins are pinched and swelled or folded.						
330.7	333.3 M	F/g Light Gray Siliceous Sediment (Sericitic)						
		Unit is folded with 10 - 15 cm scale folds. There are 25 cm's of qtz veining in this section. Veins are milky white, contain $CaCO_3$ and only trace sulphides at best. Bedding is preserved in this unit and is usually 80° to C.A., however folding has varied the angle to 20° to C.A. Lower contact is						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
330.7	333.3 M	Cont'd:						
		60° to C.A. Folds in this unit are weakly crenulated. The siliceous sediment appears to be moderately sericitic. This unit has 1-3% Py and Po (only minor Po) as bands parallel to bedding and as disseminations.						
333.3	345.8 M	F/g Dark Gray to Black Banded Phyllite Interbedded with Gray Siliceous Sediment						
		This unit has intervals with F/g disseminated $CaCO_3$. It is first noted at 335 M. Bedding in this section is well developed at 70° to C.A. Occasionally the bedding is folded. Irregular lenses of qtz and or carbonate parallel to foliation are distributed throughout the phyllite.						
		The contacts between the siliceous sediment and phyllite are sharp. The siliceous sediment occurs in bands from ≤ 1 cm to 50 cm. There is moderate qtz veining in this section. Most veins are milky white and contain $CaCO_3$. There is only trace qtz carbonate or sulphides in most of the veins.						
		334.8 M -- 10-20 cm qtz vein. Upper contact 70° to C.A. and lower contact 10° to C.A. Lower contact cuts foliation. Vein has minor Po, Py and sericite and 30% white $CaCO_3$.						
		There is 2-3% Po, Py as stringers in the Phyllite.						
		From 341.1 - 344.6 M -- A qtz vein zone with about 60 cm of qtz. Veins are subparallel to foliation, however foliation can be seen to wrap around the qtz veins. These veins have only minor qtz carbonate and sulphides associated.						
		At 339.1 M -- Foliation is folded on a 10-70 cm scale.						
		341.3 M -- 10 cm qtz vein 85° to C.A. and parallel to foliation, vein has trace sulphides.						
		342.85 M -- 6 cm qtz vein 70° to C.A. and subparallel to foliation. There is trace Po in vein.						
		344 M -- 15 cm qtz vein 50° to C.A. and parallel to foliation. Trace qtz carbonate in vein.						
		344.4 M -- Folded 5-10 cm qtz vein. Upper contact 15° to C.A. and parallel to foliation. Minor qtz carbonate and Po, Py in vein.						
		344.7 M -- 7 cm qtz vein. Upper contact 75° to C.A. Vein has trace qtz carbonate and Po.						
		From 343 M there is only Py in the Phyllite.						
		To 345.8 M ≈ 2-3% Py and Po (Po is decreasing downhole).						
		There are weak crenulations in the narrow siliceous bands present in this						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS			
333.3	345.8 M	Cont'd:									
		section. Folding on a 10-30 cm scale is also present, with fold axis 80°-90° to C.A. The percentage of siliceous sediment increases down hole and from 340 M to 345.8 M ≈ 20% siliceous sediment. Bedding in the siliceous sediment bands when not folded is at 70°-90° to C.A.									
345.8	354.1 M	F/g Light Gray Siliceous Sediment with Lesser Black Phyllite.									
		Upper contact is gradational at 90° to C.A. Bedding is only weakly folded in a 1-2 cm wavelike fold.									
		347.0 M -- 8 cm qtz vein 70° to C.A. and subparallel to foliation. Trace pyrite in vein.									
		349.65 M -- 30 cm's with 50% qtz veins. Veins are subparallel to bedding. Bedding can be seen wrapped around qtz veins. Trace qtz carbonate and pyrite in veins.									
		In places the siliceous sediment appears to be a tuff with < 1 mm white fragments.									
		From 353.3 - 354.1 M -- F/g light gray siliceous sediment interbedded with black phyllite. Unit is folded and folds are crenulated.									
		There is < 1% disseminated Py and no Po in the siliceous sediment. The siliceous sediment appears softer than that encountered at 133.8 - 163.4 meters in this hole. This could be due to the finely interbedded phyllite and or sericite alteration.									
		350.5 - 350.8 M -- Folding of bedding on a 10-30 cm scale with the folds being crenulated.									
		351.35 - 351.9 M -- Qtz vein at 60° to C.A. and parallel to foliation. Vein has 20% phyllite inclusions and trace pyrite.									
354.1	385.94 M	Interbedded Gray Calcareous Siltstone and Black Phyllite.									
		The calcareous siltstone reacts strongly with cold HCl. In addition to the finely disseminated $CaCO_3$ in the siltstone there are abundant irregular shaped lenses and stringers (< 1-5 mm wide) of carbonate throughout this section.									
		Bedding and foliation are about 80°-90° to C.A. There is small scale folding of the bedding.									
		364.4 - 366.6 M -- Folding of the bedding. Folding is on a 30-50 cm scale and causes bedding to vary from 0°-40° to C.A.									
		There is only trace qtz veining in this section and veins have trace pyrite at best.									

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
354.1	385.94 M	Cont'd:						
		This section has 1-3% Py and No Po to 379.7 M.						
		361.9 M -- 5 cm qtz vein. 45° to C.A. and subparallel to foliation. Only calcite in the vein.						
		367.3 M -- 3-5 cm qtz vein 70° to C.A. and parallel to foliation. There isn't any sulphide in the vein.						
		In the last 6 M of this section there is progressively less calcareous siltstone.						
		Folding on a 30 cm wavelength is still present as is noted at 377.7 - 378.0M. There is F/g light gray siliceous sediment interbedded with the phyllite.						
		Foliation when not folded is at 60°-80° to C.A., however folding can cause foliation to vary to 0° to C.A.						
		376.2 M -- 1 cm gouge zone at 70° to C.A. and parallel to foliation.						
		373.2 - 373.6 M -- Fracture 0° to C.A. The qtz veining present have only trace pyrite.						
		Down to 379.7 M there is only pyrite, which occurs as disseminations. Below 379.7 M minor Po is noted.						
		369.7 M -- 2-3 cm qtz vein folded at 0° to C.A. Minor pyrite in vein.						
		374.8 M -- Broken qtz vein. Trace carbonate.						
		381.0 - 381.5 M -- Strongly broken core.						
		382.6 M -- 50 cm of folded and crenulated phyllite.						
385.94	428.9 M	F/g Gray Siliceous Sediment with F/g Black Banded Phyllite Interbedded.						
		The majority of this section has the siliceous sediment and phyllite bedded on a < 1 cm scale. Sections however may have up to 1 meter of either rock type solely.						
		In places the siliceous sediment is strongly sericitic. The whole section is strongly folded with a 10-30 cm wavelength. Foliation when not folded is 75° to 80° to C.A. and is parallel to bedding.						
		The section 385.94 - 396 M has a qtz vein zone with 1.35 meters of qtz veins (13.4% qtz). Most of the veins contain varying amounts of Po, Py and some qtz carbonate. Veins are generally subparallel to foliation. However foliation can be seen to be wrapped around veins.						
		From 391 - 398 M there is weaker than usual folding.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
385.94	428.9 M	Cont'd:						
		At 387.4 M -- 50 cm's of calcareous siltstone. This unit is interbedded with the phyllite and siliceous sediment.						
		386.85 M -- 2-4 cm qtz vein 70° to C.A. and parallel to foliation. Vein has minor Po, Py.						
		387.3 M -- 6 cm qtz vein 50°-60° to C.A. Minor qtz carbonate and pyrite in vein.						
		388.1 M -- 4 cm qtz vein 25° to C.A. and parallel to foliation. Vein has carbonaceous selvages. There is 5% Po, Py and trace sphalerite in the vein.						
		388.6 M -- Folded 2-4 cm qtz vein with minor qtz carbonate and 2-3% Po, Py.						
		389.7 M -- 15 cm qtz vein 70° to C.A. and subparallel to foliation. Strong sericite in the vein. Vein has 2-3% qtz carbonate and moderate Po, Py and trace sphalerite.						
		390.1 - 391.0 M -- Several 1-2 cm qtz veins folded down C.A. and parallel to foliation. Veins have 1-3% qtz carbonate and up to 5% Po, Py. Trace sphalerite is noted in veins. Veins have sericitic selvages in the siliceous sediment.						
		392.0 M -- 35 cm qtz vein 70° to C.A. and parallel to foliation. Minor qtz carbonate, Po, Py and trace sphalerite in vein.						
		393.75 M -- 10 cm qtz vein 70° to C.A. 2-7% Po, Py and 2-3% qtz carbonate in vein.						
		394.2 M -- 20 cm qtz vein 85° to C.A. and subparallel to foliation. Minor qtz carbonate and Po, Py in vein.						
		There is ≈1-3% Py and 0.2% Po in this section. (2-4% in the phyllite and 1-1.5% in the siliceous sediment.)						
		395.8 M -- 5 cm gouge at 80° to C.A.						
		From 396.3 - 403 M -- mainly F/g black banded phyllite with 5-30% F/g light gray siliceous sediment interbedded. Bedding is folded from 0° to 90° to C.A. Where bedding isn't folded it is usually ≈80° to C.A. Bedding and foliation are not distinguishable.						
		397.5 - 398.7 M -- mainly siliceous sediment.						
		From 396.3 M to 414.7 M there is only minor qtz veining.						
		399.55 M -- 8.5 cm qtz vein 75° to C.A. 3-5% qtz carbonate and trace Po, Py in vein.						
		399.9 M -- 5 cm qtz vein 80° to C.A. 10% qtz carbonate and minor Po, Py in vein.						

FOOTAGE From	FOOTAGE To	DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS
385.94	428.9 M	Cont'd:						
		403 - 428.9 M -- Finely interbedded siliceous sediment and F/g black Phyllite. Bedding is often on a ≤ 1 cm scale. There are a number of folds with a 15-30 cm wavelength with the folds having crenulations. Bedding when not folded is usually 80°-90° to C.A.						
		412.5 - 413.6 M -- weak sericitic alteration noted.						
		414.7 - 421.35 M -- qtz vein zone with 1.08 meters of qtz veining (16.2% qtz). Veins are subparallel to foliation and generally 70° to C.A. There are two large veins and several small veins, usually 3-5 cm in width. Veins have only minor qtz carbonate and sulphides. Some of the veins are barren.						
		414.9 M -- 10 cm qtz vein 75° to C.A. Vein is barren.						
		415.45 M -- 47 cm qtz vein 80° to C.A. Trace qtz carbonate and Py in vein at selvage. Vein has strong carbonaceous selvages with 5-7% Py.						
		416.4 M -- 35 cm qtz vein 80° to C.A. Trace qtz carbonate and sulphides in vein.						
		421.3 M -- Irregular 2-4 cm qtz vein $\approx$ 70° to C.A. Vein is subparallel to foliation. Foliation is deformed around vein. Vein has 3-5% qtz carbonate and 10% Po.						
		421.35 - 428.9 M -- only minor qtz veining.						
		422.8 - 426.0 M -- 30 cm's of qtz veining.						
		323.4 M -- 6 cm qtz vein 80° to C.A. Trace qtz carbonate and sulphides in vein. Vein is parallel to foliation.						
		323.75 M -- 12 cm qtz vein 75° to C.A. 3-5% Po, Py in vein.						
		323.95 M -- 5 cm qtz vein 80° to C.A. 2-3% Po, Py and minor qtz carbonate in vein.						
		425.3 M -- 25 cm's of medium gray siliceous sediment. Upper contact sharp at 75° to C.A.						
		From 403 M there is about equal percentage of siliceous sediment and black phyllite.						
		426.5 - 427.2 M -- good example of folding with a 10-15 cm wavelength. Folds are crenulated.						
		From 403 - 428.9 M -- $\approx$?-4% Py and minor Po. Sulphides occur mainly as disseminations. Minor sulphides occur as streaks parallel to foliation.						
	428.9 M	E.O.H.						