
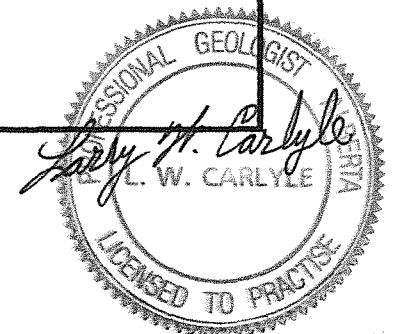


MEL CLAIMS			HOLE #: Mel - X 2			145 feet		65° to North		A Core			
DATE: Aug. 6, 24 and Sept. 3 / 98												Page 1 of 4	
Distance			Sampling Data										
From	To	Recovery	From	To	Recovery	Sample #	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Description
0.0	6.5	4.5	0.0	2.5	0.8	M-X 19	257	3.5	2217	75	140	113	Fine-grained grey-yellow silicified, sericitic and argillic altered rhyolitic (?) vein material. <1/8" grey quartz grains. Up to 2% fine-grained arsenopyrite-pyrite disseminated in blebs of black chalcedony or quartzite. Some small (<1/16") pyrite crystals. Chalcedony or quartzite blebs appear to lie generally @ 70° to C.A. Mineralization is approx. 2 to 1 arsenopyrite to pyrite. Generally fair to broken coring. Core well fractured @ 35 - 40° and 70° to C.A. 0.0 - 2.5' primarily black quartzite with weak limonite and white quartz in fractures in broken core. < 1% pyrite. 2 or 3 pieces of sericitic and argillic material. 2.5 - 3.4' broken coring sericitic and argillic rhyolitic (?) vein material (0.7' recovered). Broken core @ 5.0' (0.1' recovered). Broken core @ 5.6' (0.2' recovered).
			2.5	3.4	0.7	M-X 20	<5	0.2	200	55	68	163	
			3.4	5.0	1.6	M-X 21	<5	0.3	66	37	57	94	
			5.0	6.5	1.4	M-X 22	8	0.5	60	49	56	85	





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6.5	17.8	8.5	6.5	9.0	1.6	M-X 23	<0.001	0.3	14	21	30	63	As 0.0 - 6.5' but generally broken core. Rhyolitic vein material continues but more py then arseno. Tr chalcopyrite ? <1% fract. fillings of red-brn hematitic limonite. 10.2' Streak of blue-green mineral, mariposite (?) @ 50° to C.A. Contact @ 17.8' @ 40° to C.A. Slips in rubble @ 14.4-14.6' and 17.7-18.0'. Cave marked @ 15.4'.	
			9.0	10.5	1.4	M-X 24	0.001	1.8	9	26	30	53		
			10.5	12.0	1.5	M-X 25	0.001	1.1	119	50	23	115		
			12.0	14.0	2.3	M-X 26	<0.001	0.6	14	62	20	53		
			14.0	17.8	1.7	M-X 27	<0.001	0.5	20	27	27	92		
17.8	38.1	17.2	17.8	19.0	0.9	M-X 28	<0.001	0.1	41	20	20	66	Dk. grn to black medium-grained propylitic & argillic (+sericitic ?) intrusive (granodiorite ?). Grey to red (hematitic ?) frags. of qtz & intrusive. Sub-rounded up to 1" long. 19.0 - 21.9' Qtz & grey-black pieces of chalcedonic vein material in gougy, propylitic intrusive rubble. 21.4' Cave marked. 17.8 - 18.2' Gouge of argillic & chloritic intrusive. Contact @ 18.2' perp.to C.A. 18.8 - 22.5' Generally gougy, argillic & chloritic intrusive. 35.4 - 38.1' as 17.8 - 18.2' Contacts @ 45° to C.A.	
			19.0	22.5	2.1	M-X 29	0.007	0.8	1273	25	22	117		
			22.5	26.5	3.4	M-X 30	<0.001	0.1	39	40	22	48		
			26.5	31.5	4.8	M-X 31	<0.001	0.1	32	30	26	51		
			31.5	38.0	5.9	M-X 32	<0.001	0.4	41	28	23	55		
38.1	61.2	26.1	38.0	41.5	4.4	M-X 33	<0.001	0.5	23	29	32	69	Generally grey to black good coring rhyolitic vein material (?). Some places seem to have a granular texture so may be silicified intrusive. 2 - 3% blebs & streaks of fine-grained pyrite (some arseno ?) @ 70° & 10 - 15° to C.A. in grey-black f.g. chalcedony. 41.5 - 42.0' Broken argillic core. Resistent qtz pieces up to 1/2" diameter. 48.0 - 52.0' Lt. grey granular & argillic good coring vein material. 48.7' 1/8" vuggy pyrite f.f. @ 45 - 50° to C.A. 51.8 - 60.0' Dk. grey to black banding of chalcedony (?) with weaker sericitic schist @ 55 - 60° to C.A. Broken & gougy core @ 53.0', 54.0' & 61.2'	
			41.5	42.0	0.6	M-X 34	<0.001	0.4	19	10	131	12		
			42.0	45.5	3.7	M-X 35	0.001	0.4	47	24	25	66		
			45.5	47.5	2.7	M-X 36	0.001	2.5	65	27	19	61		
			47.5	50.5	2.7	M-X 37	<0.001	0.1	5	40	31	117		
			50.5	52.0	1.5	M-X 38	0.001	0.5	< 5	27	20	90		
			52.0	53.0	2.8	M-X 39	0.002	1.7	34	44	16	50		
			53.0	57.0	4.0	M-X 40	0.001	0.6	232	46	16	73		
			57.0	61.2	3.7	M-X 41	0.001	1.2	266	32	10	90		

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61.2	63.0	2.8	61.2	62.2	2.0	M-X 42	<0.001	0.1	35	42	26	48	Lt. grey argillic & sericitic, weakly granular intrusive (granodiorite ?) Generally good core. 61.6' 1 1/2" diameter bleb of 1% f.g. pyrite. 62.7' Slip in 0.2' rubble.	
			62.2	64.2	2.0	M-X 43	<0.001	0.2	67	62	16	47		
63.0	79.0	18.2	64.2	65.3	1.1	M-X 44	<0.001	0.1	52	135	8	60	Lt. grey-grn argillic & sericitic granular intrusive. Clay altered (1/16") feldspar crystals. Generally good core. Weak fracturing @ 40 - 60° to C.A. 64.4 - 65.2' Banded qtz-sericite @ 55 - 60° to C.A. Some serpentinization ? Up to 1% f.g. pyrite in bands. Tr arseno ? 67.8 - 68.1' Up to 1/2" wide white qtz in grey-black silicified core. Qtz bands (?) @ 35 - 40° to C.A. 73.5 - 78.0' Thin (<1/2") f.g. pyrite (< 1%) in fract. fillings @ 35 - 40° to C.A. 78.0 - 79.0' Up to 2% f.g. pyrite in fractures & blebs. 78.9 - 79.0' Broken core.	
			65.3	67.0	2.1	M-X 45	<0.001	<0.1	31	40	24	50		
			67.0	70.6	3.6	M-X 46	<0.001	<0.1	41	22	16	31		
			70.6	73.0	2.4	M-X 47	<5 ppb	0.3	61	76	52	75		
			73.0	76.0	3.0	M-X 48	<5 ppb	<0.1	30	31	31	77		
			76.0	79.0	4.7	M-X 49	18 ppb	0.6	61	32	28	60		
79.0	84.0	4.9	79.0	81.5	2.0	M-X 50	71 ppb	3.6	1051	25	19	48	Black thin-bedded graphitic qtzite & schist. Up to 1% f.g. pyrite as fract. fillings & individual crystals. Weak lenses & veinlets of white qtz thruout. 79.0 - 80.0' (0.8' Rec.) Rubble. 83.0 - 84.0' (0.9' Rec.) Rubble.	
			81.5	84.0	2.9	M-X 51	49	7.9	253	30	60	29		
84.0	92.0	10.6	84.0	86.0	2.7	M-X 52	7 ppb	0.4	150	26	26	70	Lt. grey-green broken sericitic & argillic intrusive. Minor grey-black qtz (chalcedony) f.f. & blebs. Up to 1% f.g. pyrite usually in fractures. Possible rhyolitic vein material because granular texture is very weak. 88.5 - 90.0' Probable fault in rubble. 91.7 - 92.0' Probable slip in gougy rubble.	
			86.0	88.0	3.1	M-X 53	<5	0.4	41	18	31	73		
			88.0	90.0	2.1	M-X 54	68	0.3	74	31	25	71		
			90.0	92.0	2.7	M-X 55	85	0.6	102	14	22	67		
92.0	97.3	6.4	92.0	95.0	4.6	M-X 56	49 ppb	2.0	119	25	26	63	As 84.0 - 92.0' but strong white calcite along fractures. 95.0 - 95.5' Probable fault in rubble. 95.5 - 97.3' Up to 1 1/2% f.g. pyrite in fractures & blebs.	
			95.0	97.3	1.8	M-X 57	1896	0.9	1.7%	20	29	58		

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From	To	Recovery	From	To	Recovery	Sample #	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Description	
97.3	105.7	10.2	97.3	100.0	2.7	M-X 58	450	1.3	8798	20	40	51	Good coring propylitic, argillic & weakly sericitic granular intrusive. Core is variably silicified and in places the granular texture has almost been destroyed. Scattered f.g. pyrite (arseno ?) mineralization thruout (Up to 1 1/2%) in blebs and fractures. 97.3 - 105.7' More weakly mineralized (<1% py). Stronger granular texture. 102.3 - 102.9' & 104.9 - 105.3' Broken qtz-calcite lenses @ 30-40° to C.A.	
			100.0	103.0	3.8	M-X 59	516	0.6	5691	10	30	47		
			103.0	105.7	3.7	M-X 60	28	0.6	521	21	27	54		
105.7	113.5	8.0	105.7	108.5	3.0	M-X 61	< 5	0.2	136	10	26	76	As 97.3 - 105.7' but better mineralized (Up to 2 % f.g. pyrite [arseno?]) in blebs & f.f. More silicified & less granular texture.	
			108.5	111.0	2.5	M-X 62	5	0.2	109	16	32	68		
			111.0	113.5	2.5	M-X 63	< 5	0.2	66	16	28	108		
113.5	115.8	2.3	113.5	115.8	2.3	M-X 64	< 5	0.2	59	31	20	68	Dk. grn-grey propylitic granular intrusive. Good coring with weak calcite f.f. at 45° & 70° to C.A.	
115.8	119.4	4.4	115.8	117.9	2.1	M-X 65	< 5	0.2	37	31	26	51	As 105.7 - 113.5' but probably weaker mineralization (Up to 1 1/2% f.g. pyrite [arseno ?]) Weak fractures @ 35 - 40° & 70° to C.A. Minor qtz-calcite in 35° fractures up to 1/8" wide.	
			117.9	119.4	2.3	M-X 66	< 5	<0.1	19	12	20	61		
119.4	131.5	11.7	119.4	122.4	3.0	M-X 67	< 5	0.3	48	23	31	67	Dk. grn-black good coring propylitic granular intrusive (granodiorite ?). No visible mineralization. Gradational contact @ 119.4'. Minor qtz-calcite f.f. at 30 - 45° to C.A. (Up to 1/8" wide). Core becomes bleached & more sericitic from 130.9 - 131.5'.	
			122.4	125.4	3.0	M-X 68	< 5	0.4	79	25	26	67		
			125.4	128.4	3.0	M-X 69	< 5	0.4	71	45	27	62		
			128.4	131.5	2.7	M-X 70	< 5	0.4	56	70	29	59		
131.5	145.0	14.1	131.5	134.5	3.0	M-X 71	11	0.1	35	39	19	89	Banded thin-bedded qtzite-graphitic schist. Strong schistosity @ 70 - 85° to C.A. Weak qtz-calcite interbands. Minor sericitic alteration. Generally trace pyrite as small individual crystals (~ 1/16"). Generally good coring. 149.7 X 100 % = 103.2 % Result of core stretching in broken core. 145.0	
			134.5	137.5	4.1	M-X 72	< 5	<0.1	15	25	20	91		
			137.5	140.5	2.7	M-X 73	< 5	<0.1	24	25	16	94		
			140.5	143.5	2.8	M-X 74	< 5	<0.1	37	27	22	86		
			143.5	145.0	1.5	M-X 75	< 5	<0.1	23	19	18	83		