

Project: FWZ

Hole: TS18-011

Prospect:	Tom West	Survey Type:	DGPS	Logged By:	Q.Willms	Hole Type:	DDH
UTM Grid:	NAD83_09	Survey By:	J.Lewis	Date Started:	2018-07-27	Hole Diameter:	
UTM East:	441901.554	Date Surveyed:	2018-08-24	Date Completed:	2018-07-28	Core Size:	HQ3
UTM North:	7004055.497	Survey Accuracy:		Drill Company:	New Age	Casing Pulled?:	<input type="checkbox"/>
UTM Elevation (m):	1538.927	Grid Convergence:	-1.03	Drill Rig:		Casing Depth (m):	7.63
Local Grid:		Azimuth:		Drill Started:		Reduced (m):	
Local East:		Dip:	-75	Drill Completed:		Reduced Size:	
Local North:		Length (m):	83	Approved By:		Oriented?:	<input type="checkbox"/>
Local Elevation (m):		Comments:				Geotech?:	<input type="checkbox"/>
Hole Status:	Completed						
Hole Purpose:							

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	GYRO	J.Lewis	2018-08-24	-74.19	59.76				<input checked="" type="checkbox"/>	
6	GYRO	jl	2018-07-29	-74.23	58.83				<input checked="" type="checkbox"/>	
12	GYRO	jl	2018-07-29	-74.14	57.41				<input checked="" type="checkbox"/>	
18	GYRO	jl	2018-07-29	-73.98	62.86				<input checked="" type="checkbox"/>	
24	GYRO	jl	2018-07-29	-73.78	66.7				<input checked="" type="checkbox"/>	
30	GYRO	jl	2018-07-29	-73.67	59.01				<input checked="" type="checkbox"/>	
36	GYRO	jl	2018-07-29	-73.51	58.72				<input checked="" type="checkbox"/>	
42	GYRO	jl	2018-07-29	-73.44	59.12				<input checked="" type="checkbox"/>	
48	GYRO	jl	2018-07-29	-73.42	59.34				<input checked="" type="checkbox"/>	
54	GYRO	jl	2018-07-29	-73.55	60.09				<input checked="" type="checkbox"/>	

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Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
60	GYRO	jl	2018-07-29	-73.72	59.98				<input checked="" type="checkbox"/>	
66	GYRO	jl	2018-07-29	-73.76	60.45				<input checked="" type="checkbox"/>	
72	GYRO	jl	2018-07-29	-73.75	59.53				<input checked="" type="checkbox"/>	
78	GYRO	jl	2018-07-29	-73.67	59.84				<input checked="" type="checkbox"/>	

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	7.63	OVER									
		Overburden									
7.63	44.90	BMST									
		Black mudstone									
Thickly bedded generally featureless black silicious fine carbonaceous mudstone. Fine disseminated brassy diagenetic pyrite and pyrite +/- barite laminations and nodules occur less than 1% (mm thickness). Top of hole is broken and rubble, most is unable to be oriented.											
<<Min: 31 - 44.9: >> Trace patchy cream/light brown sphalerite min											
<<Struc: 37.75 - 37.75: fabric1>> S0 indistinguishable from S1											
			7.63	9.00	1.37	3208179	0.008	0.6	178	50	50
			9.00	11.00	2.00	3208180	0.009	1	163.3	50	600
			11.00	13.00	2.00	3208181	0.009	0.7	44.9	50	1100
			13.00	15.00	2.00	3208182	0.009	0.7	45.4	50	1200
			15.00	17.00	2.00	3208183	0.007	0.8	50.5	50	1200
			17.00	19.00	2.00	3208184	0.009	0.8	46.9	50	1600
			19.00	21.00	2.00	3208185	0.009	0.8	59	50	800
			21.00	23.00	2.00	3208186	0.009	0.8	46.7	50	1000
			23.00	25.00	2.00	3208187	0.011	0.8	56.3	50	700
			25.00	27.00	2.00	3208188	0.01	0.7	45.9	50	400
			27.00	29.00	2.00	3208189	0.012	0.7	48.3	50	1000
			29.00	31.00	2.00	3208191	0.013	0.9	57.2	50	1200
			31.00	33.00	2.00	3208192	0.019	0.7	53.2	50	800
			33.00	35.00	2.00	3208193	0.025	0.7	59	50	700
			35.00	37.00	2.00	3208194	0.019	0.6	49.2	50	1700
			37.00	39.00	2.00	3208195	0.022	0.6	51.6	50	400
			39.00	41.00	2.00	3208196	0.02	0.8	56.6	50	300
			41.00	43.00	2.00	3208197	0.022	0.7	52.9	50	100
			43.00	44.90	1.90	3208198	0.021	0.7	55.4	300	4900
			44.90	45.90	1.00	3208199	0.03	5.5	68.6	25900	62200
			45.90	47.00	1.10	3208200	0.019	6	38.5	32500	49800
44.90	55.30	LBSC									
		Laminated: barite-sphalerite-chert>>mudstone-galena									

Grey facies mineralization with cream coloured sphalerite and trace galena. Consistent, coherent bedding at top of interval (~15 TCA) for a meter but bedding becomes deformed, folded and incoherent. Sphalerite is fine grained and found in beds with barite, trace fine grained galena and barium feldspars. Pervasive witherite (?) throughout (sections highly reacts to HCl).

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Min: 44.9 - 55.3: >>		Laminated cream coloured sphalerite with trace galena	47.00	48.00	1.00	3208201	0.02	5.1	65.7	28800	73700
<<Struc: 46.2 - 46.2: vein>>		10cm wide quartz vein	48.00	49.00	1.00	3208202	0.02	3.7	72.5	17500	75800
<<Struc: 46.8 - 46.8: fabric1>>			49.00	50.00	1.00	3208203	0.023	1.8	89.8	7300	67600
<<Struc: 46.9 - 46.9: fabric1>>			50.00	52.00	2.00	3208204	0.016	5.3	43.7	32000	73700
			52.00	53.50	1.50	3208205	0.013	2.4	72.1	9200	67600
			53.50	55.30	1.80	3208206	0.014	2.8	80.3	11400	78200
55.30	58.90	LSGB Laminated: sphalerite-galena-barite>mudstone-chert									
Well defined mm-cm scale laminated mineralized bedding, beds consisting of sphalerite, barite, galena, and minor green chert, and minor pyrite. Mm-cm scale fine grained silicious mudstone beds remain.Sphalerite is light pink in colour and fine grained. Galena is silver-blue sub-euhedral occurring in bands parallel to bedding typically associated with sphalerite and as mm size interstitial grains/blebs . Some bedding (~10%) is disrupted, folded and deformed. Bedding is ~23 TCA.											
<<Min: 55.3 - 58.9: >> Laminated light pink sphalerite with rare interbeds of galena and mm size blebs of galena, mostly associated with sphalerite											
<<Struc: 56.4 - 56.4: fabric1>>											
			55.30	56.40	1.10	3208207	0.013	4.4	67.6	29100	94800
			56.40	57.40	1.00	3208208	0.006	2.8	37.1	19100	68700
			57.40	58.90	1.50	3208209	0.02	8.1	87.5	31200	84300
			58.90	59.90	1.00	3208210	0.023	12.3	77	41300	94800
58.90	62.00	LBSC Laminated: barite-sphalerite-chert>>mudstone-galena	59.90	60.90	1.00	3208211	0.025	5	82.7	13000	120500
Return to grey facies mineralization, with laminations of fine grained cream-white coloured sphalerite, barite, mudstone, chert and trace galena.											
<<Min: 58.9 - 62: >> Sphalerite loses pink colour, back into cream coloured grey facies minerlization similar to above, with loss of fine grained galena blebs and beds, trace galena throughout											
<<Struc: 59.2 - 59.2: fabric1>>											
<<Struc: 59.8 - 59.8: fabric1>>											
<<Struc: 60.8 - 60.8: fabric1>>											
62.00	65.85	SMSX Semi-massive sulphide									
Semi-massive galena > sphalerite with high pyrite content and barite. Less than 5% laminations, rare laminations are obscured and deformed. Galena and pyrite are medium to course grained. Sphalerite is cream - light pink and fine grained and found within laminae when present and mottled throughout. Core is highly pitted.											
			60.90	62.00	1.10	3208212	0.043	23.3	96.2	66800	150200
			62.00	63.00	1.00	3208213	0.048	33.9	106.3	98400	123700

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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<<Min: 62 - 65.85: >> Semi massive galena > sphalerite, medium to course grained galena and pyrite.			63.00	64.00	1.00	3208214	0.015	6.7	58.1	15800	60500
			64.00	65.00	1.00	3208215	0.047	30.2	188	71700	171100
			65.00	65.85	0.85	3208216	0.091	91	165.4	184800	193600
65.85 69.90 BMST Black mudstone											
Black silicious carbonaceous mudstone, thickly bedded and featureless. Low disseminated pyrite content											
<<Min: 65.85 - 69.9: >> Trace light pink/brown/cream sphalerite typically hosted within veins with barite											
			65.85	67.00	1.15	3208218	0.026	2.8	48.9	3800	1600
			67.00	68.50	1.50	3208219	0.035	1.9	57	1200	700
			68.50	69.90	1.40	3208220	0.039	2.2	49.3	1300	400
			69.90	73.00	3.10	3208221	0.032	1.9	75.4	1300	300
			73.00	75.00	2.00	3208222	0.033	1	92.2	400	500
69.90 83.00 BMST Black mudstone											
Dark grey/black silicious carbonaceous mudstone with graded light grey siltstone and sandstone beds. Bedding is parallel and ~40 TCA. Brassy fine diagenetic pyrite parallel with bedding, sections with medium grained euhedral crystals. Silt/sand beds typically show grading, coarsening downhole.											
<<Struc: 74.17 - 74.17: fabric1>>			75.00	77.00	2.00	3208223	0.026	1	78.9	100	300
<<Struc: 78.42 - 78.42: fabric1>>			77.00	79.00	2.00	3208224	0.02	1.3	78.2	100	100
<<Struc: 81.79 - 81.79: fabric1>>			79.00	81.00	2.00	3208225	0.023	1.2	69.2	50	100
			81.00	83.00	2.00	3208226	0.026	1.2	67.8	100	200

End of Hole @ 83