

From (m)	To (m)	Lithology	Min	Alt'n	Description	@ metre	Foliation TCA (deg)	RQD	Recovery	Sample No	From (m)	To (m)	Width (m)	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	In (ppm)	Cu (ppm)	Mn (ppm)	As (ppm)	Cd (ppm)	Sb (ppm)	
2009 DRILL LOG: MEGA PRECIOUS METALS INC. - EAGLE PROJECT, GALENA HILL, YUKON																							DRILL HOLE	D09EE-11
PROPERTY EAGLE		CLAIM Eagle		MINING DIST. Mayo		JG BY R. Ritchie		DATE Sept 7/09																
						Data Entry J.Cross																		
LOCATION:		START DATE Sept 02/09		CONTRACTOR Kluane																				
UTM East 481805 E		FINISH DATE Sept 06/09		DAY CREW Kyle																				
UTM North 7086841 N		CASING OUT		NIGHT CREW Ken																				
ELEVATION 1323 m		GPS Garmin 60CSx (ave. >100x)		DRILL K2000																				
SECTION				CORE SIZE NTW																				
				HOLE SURVEY INSTR. Reflex																				
				</																				

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					Structure: Small (1-2mm) x-cutting fractures filled with calcite.																			
					Foliation = 60° TCA																			
					Mineralization: None																			
72.0	73.8	CSSC			Pale to medium green chlorite sericite schist, with <2% foliaform quartz/calcite veins.	poor-		100%																
					Structure: Small fit at 73.2 (<10cm), gougy.																			
					Foliation = 60-65° TCA																			
					Mineralization: None																			
73.8	85.0	GQZT	py		Medium to darker grey graphite quartzite with 20% GSCT interbeds (≤60cm).	mod		99%																
					Graphite content in GQZT varies from very little to ~10%. 15-20% foliaform qtz veins, with minor x-cutting qtz veins.																			
					Structure: Moderate fault from 76.5 to 77.1m (gougy to rubbly) with crushed qtz.																			
					Foliation = 60-70° TCA																			
					Mineralization: Small cross-cutting fractures lined with sd + py, diagenetic py within GSCTs. Py in vugs in qtz veins.																			
85.0	113.7	CQSC			Pale to medium green chlorite sericite quartz schist, with 10-15% foliaform qtz veins.	mod-		100%																
					Minor x-cutting sd veinlets (≤ 0.5cm), and often sd in qtz veins.	good																		
					Structure: X-cutting sd/qtz veins + fractures (only a few)																			
					Foliation = 50-65° TCA																			
					Mineralization: No visible sulfides																			
113.7	123.0	GSCT	tr.-minor py		Dark grey graphitic schist with 15% GQZT interbeds. ~10% foliaform qtz veins (≤8cm). GSCT has minor sericite component at top of interval. Minor (≤2%) x-cutting qtz veins, with small amount of sd.	mod		100%																
					Structure: Small fault at 118.3m (zone over 30cm),																			
					at 122.0-123.0m (fracture zone)																			
					Foliation = 45-55° TCA																			
					Mineralization: Minor diagenetic py in GSCTs, trace to minor py in some qtz veins.																			
123.0	151.1	GQZT	py		Medium to dark grey graphitic quartzite with 5-8% GSCT interbeds (≤80cm). 10-15% x-cutting and foliaform qtz veins, many of which are vuggy. Some small sd blebs in qtz veins.	poor-		98%																
					Structure: Moderate fit (fracture zone from 123.0m-125.7m (rubbly to blocky), and 131.8m-133.9m.	mod																		
					Small fit(s): 128.0m-128.3m																			
					136.4m, 137.5m, 145.0m, 147.1 (~20cm)																			
					Foliation = 55-65° TCA																			
					Mineralization: Euhedral py in vugs, associated with qtz veins. Minor py in most qtz veins.																			
151.1	162.0	CQST	py		Pale green chlorite sericite quartz with 15-20% foliaform qtz veins (≤35cm). More sericite than typical. Siderite exists as fracture fillings and blebs/disseminations within qtz veins. Minor small cross-cutting sd/qtz veins.	mod-		100%																
					Structure: High degree of deformation between 160.3-162.0m.	good																		
					Foliation = 50° TCA																			
					Mineralization: Minor disseminated py in foliations.																			

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162.0	165.3	QGSC	py, po		Dark grey quartz graphite schist with 10-15% foliaform + x-cutting qtz veins with trace to minor sd. Structure: High degree of deformation 163.1m, sheared out (40cm), abundant qtz veins. Foliation = 45-60° TCA Mineralization: Minor py along foliations and within small qtz veins. Minor po mineralization within shear zone.	poor-mod	100%															
165.3	194.9	GQZT	sph, py /sd		Medium to darker grey graphitic quartzite with 30% GSCT interbeds (≤70cm thick). 15% foliaform + x-cutting qtz veins (≤15cm) in equal proportions. Graphite content in GQZT varies from ~2%-15%. Structure: Fault/fracture zone 168.9m-171.6m (rubbly to blocky). Small faults 167.5m, 176.7m, 180.1m (<20cm). Strong qtz veining 175.4m-176.7m (x-cutting). X-cutting sd veinlets (≤0.4cm) starting at 192.1m to end of interval, x-cutting qtz veins and everything (QZT + SCTs) Foliation : 45-65° TCA Mineralization: Minor sph + py in sd veinlets (x-cutting), sometimes moving along foliations (in GSCT's) laterally.	mod	100%	75912 75913 75914	192.5 193.2 194.0	193.2 194.0 195.0	0.7 0.8 1.0	6 5 8	1.8 1.0 5.6	213 327 1039	922 1425 2109		16 9 28	6069 5714 2405	48 24 33	9.7 14.8 26.2	6 10 8	
194.9	196.9	CTSC	sph, py gl/sd		Pale green chlorite talc schist, less schistose than typical. Structure: 25cm qtz vein at bottom of interval. X-cutting sd veinlets (2-3mm). Foliation = 45-60° TCA Mineralization: Sph, py and trace gl within x-cutting sd veinlets, some times just sulfides. 1-2% sulfides.			75915	195.0	195.8	0.8	14	20.4	2721	12000		240	4554	75	156.7	8	
196.9	199.3	GSCT	minor sd		Dark grey graphitic schist with v. minor GQZT interbeds (2-5%). 2-3% foliaform qtz veins. Minor sd at 196.4m. Structure: Highly sheared at 196.3m-196.8m, slightly faulted at 196.4m (gougy). Small flt at 197.9m (gougy) Foliation : 50-60° TCA Mineralization: V. minor py along foliations and in sheared zone. * No more stringers though.	mod	98%															
199.3	206.0	GQZT			Medium to darker grey graphitic quartzite with 15% GSCT interbeds, but definitely massive GQZT. 10-15% foliaform qtz veins (≤5cm). Structure: Block (fractured) from 205.4m-206.0m. Foliation = 65-75° TCA 20cm qtz vein at bottom of interval Mineralization: V. minor diagenetic pyrite	mod	100%															
206.0	223.5	GSCT	tr.-minor py		Dark grey graphitic schist with 5% GQZT interbeds, 5% foliaform qtz veins, + minor x-cutting qtz veins. Trace sd. Structure: Small fls. 206.9m (gougy + qtz), 210.6m, 220.7m Small fold nose at 215.1m Foliation = 45° at 217.3m, 60° most everywhere else Mineralization: Trace to minor py in sd/qtz veinlets.	poor-mod	100%															
223.5	225.1	GQZT	tr. py + sd		Medium to darker grey graphitic quartzite with 2% foliaform qtz veins. Structure: Small x-cutting fractures throughout most of interval, blocky from 223.7-224.4m. A few lined with veneer of sd Foliation = 50° TCA Mineralization: Trace py + sd	poor-mod	98%															

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225.1	226.7	GSSC			Pale to medium graphite sericite schist with 15% QTZT interbeds. Slightly altered due to proximity to underlying GRST unit (see below). Slight chlorite component in spots. Structure: Minor x-cutting fractures, no veining through Foliation = 50° TCA Mineralization: None			mod	100%															
226.7	232.7	GRST	tr.-minor py		Medium to darker bluish-green foliated greenstone. Darker, flattened "phenocrysts". Chilled margins evident at lower + upper contacts. ~ 3% x-cutting qtz + sd veinlets, vuggy. Structure: X-cutting qtz/sd veinlets (≤2cm), talc in veinlets as well. Small fault(s) 231.5m (gougy) Fault contact at bottom of interval, 40cm of gouge, lots of talc, and qtz. Sx below flt. (see below) Foliation = 45-50° Mineralization: Trace to minor py in flt gouge, nothing significant.			mod- good	100%	75916	232.4	232.7	0.3	22	2.7	499	2680		22	2059	219	26.6	10	
232.7	245.4	QTZT	py, sph tr. gl		Pale to medium grey quartzite, withy. minor GSC1 interbeds (≤40cm) (2-4%) Structure: X-cutting qtz/sd stringers (≤3cm), most with mineralization, some all sulfides. At top of interval, 40-50cm of qtz/sd healed breccia with brecciated sulfides? Foliation = 45-55° TCA Mineralization: Semi-massive sulfides as fracture-fillings, blebs, and brecciated massive sulfide. Py, sph, minor to trace galena. Sx stringers ≤ 1cm (relatively large). Qtz/sd gangue. Resembles hanging wall stringer zone, though no significant structure (SXVN) yet.			mod good	94% 11.9m /12.7	75917 75918 75919DUP 75920 75921 75922 75923 75924 75925 75926 75927 75928 75929 75930	232.7 233.3 233.3 233.3 234.1 234.1 234.8 235.5 235.5 236.5 237.5 237.5 238.4 238.4 239.3 240.4 240.4 244.5	233.3 234.1 234.1 234.1 234.8 235.5 236.5 237.5 238.4 239.3 240.4 241.1 245.6	0.6 0.8 0.8 0.8 0.7 0.7 1.0 1.0 0.9 0.9 1.1 0.7 1.1	1819 270 165 270 27259 5 22 74 25 31 34 32 4 1	22.9 15.4 15.6 15.6 244.0 1.7 8.2 11.2 7.9 5.5 9.7 10.2 13.3 1.8	385 555 551 551 10100 40 1206 993 520 349 656 804 1086 373	42700 12300 9400 46 18600 2703 4688 11300 10900 8400 5322 12400 3834 576		180 97 100 4 4648 23 39 49 56 32 29 33 14 11	3042 1251 1197 33 4925 295 1772 3245 1642 1009 1093 1234 1180 10000	10000 1973 1405 33 96 53 75 283 66 696 68 68 18 9	539.6 156.4 120.3 0.5 132.3 29.4 50.8 141.5 141 90.7 57.8 152 39.6 4.5	80 14 12 5 550 5 15 5 5 5 7 5 12 10	
245.4	252.3	GQZT	py, sph gl	sd	Medium to darker grey graphitic quartzite with 30% graphitic schist interbeds, (≤70cm). Minor foliaform qtz veins (≤2%), minor x-cutting sd veinlets. Interesting textures, highly deformed. Structure: High degree of folding at 250.0m-251.6m, even in qtzite interbeds. X-cutting fractures prevalent, typically infilled. Bottom contact is large fault breccia (see below). X-cutters more prevalent approaching fault. Foliation = 40° TCA Mineralization: Several different mineralization textures. Moderate cross-cutting veinlets with py and sph, trace gl (≤1.5cm). Also py, sph, gl mineralization as replacements parallel to foliation (banded) (euhedral), also bands cross-cutting foliation (Qtz siderite gangue in veinlets			mod	100%	75931 75932 75933 75934 75935	247.6 248.2 249.1 250.0 250.0 251.2	248.2 249.1 250.0 251.2 251.2	0.6 0.9 0.9 1.2 1.3	115 13 82 54 21	50.3 5.0 41.8 19.9 14.8	8784 579 6590 2693 1116	28400 6487 14800 6544 13600		52 20 41 33 104	10000 875 1769 745 945	399 19 229 113 191	355.7 73.4 185.6 66.4 165.2	36 8 24 23 18	
252.3	255.9	QTZT FLT/VFLT	py, sph gl	sd	Grey-brown quartzite fault breccia. Clasts are QTZT (mostly), and qtz and minor graphite. Matrix is sd, sulfides and minor graphite. Seems to be remnant or reformed foliation fabric ~ 30-40° TCA. Pebbly breccia. Structure: Healed fault. Less brecciated towards bottom of interval. Slickensides visible parallel to above mentioned fabric. Mineralization: Semi-massive to massive py, sph, trace gl within fault breccia matrix, as "foliated" massive sulfides, and as x-cutting veinlets; sd gangue. Also dark green "weathering product"? → Cd oxide??			poor	86% 3.1/3.6	75936 75937 75938	252.5 253.5 245.5	253.5 254.5 255.9	1.0 1.0 10.4	73 151 8	21.0 269.0 6.2	566 20000 1176	11400 52000 4105	8.71 31.91 31	49 170 8123	4233 8123 8345	495 1633 156	119.3 727.6 37.4	20 74 7	

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255.9	258.9	BSCT (biotite schist)	py, sph	sd/ sericite	Grey brown foliated, pervasively altered biotite schist. Partially fault breccia as moving away from main fault (foot wall). Cross-cutting qtz/sd veins (≤5cm). Not competent, soft. Structure: Intermittently faulted and damaged, "chemically weathered". Gouge from 258.0-258.9. Entire interval can likely be considered fault zone. Foliation = 45° (but pretty much all over the place) Mineralization: Mostly sd ± qtz, but semi-massive py, sp. Sd gangue, many x-cutters mostly sd.	poor	100%	75939	255.9	256.8	0.9	58	18.7	3679	9900		65	10000	649	104.1	37	
								75940	256.8	257.9	1.1	16	36.1	7338	16100		117	10000	103	184.5	56	
								75941DUP	256.8	257.9	1.1	13	37.5	5928	18600		107	10000	89	215.1	41	
								75942		BLANK		<2	<0.5	8	90		<2	110	7	0.7	<5	
								75943	257.9	258.9	1.0	4	8.4	425	6604		229	10000	67	55.4	52	
								75944	258.9	260.0	1.1	3	3.6	343	2409		18	10000	31	18.6	8	
258.9	264.7	QTZT FLT VFLT	py, sph, aspy	sd	Pale grey quartzite with minor graphite schist interbeds (≤ 15cm). Fault damage zone over 80% of interval. 5% foliaform qtz vein (≤20cm) Structure: Most of interval is fault breccia/gouge. X-cutting sd stringers are cross-cutting everything (qtz veins, massive SX mineralization, graphite and qtzite). Mineralization: Massive sph mineralization from 264.1m-264.5m, x-cut by sd stringers. Massive py, sph mineralization 263.2m-263.6m, with trace gl and minor to trace aspy. Brecciated sph within gougy sections. * Multiple episodes of mineralization/faulting.	poor	92%	75945	260.0	261.2	1.2	1	1.4	268	1738		8	10000	11	12.1	<5	
								75946	261.2	262.0	0.8	3	5.4	361	15100		33	10000	5	167.1	<5	
								75947	262.0	262.8	0.8	10	1.8	140	5931		16	8103	107	53.4	8	
								75948	262.8	263.3	0.5	60	36.8	586	103900	157.10	199	10000	592	1264.7	26	
								75949	263.3	263.8	0.5	228	43.7	1228	136200	189.45	241	10000	3125	1742.3	55	
								75950	263.8	264.6	0.8	337	21.4	276	266600	425.51	366	7823	2275	>4000.0	18	
264.7	265.6	GRST	sp,py	sd	Pale green altered greenstone. 10% foliaform qtz. Fault contacts above bottom and upper contact. Structure: X-cutting fractures, sd/sph cutting qtz + lithology. Fault breccia with quartz + qtz clasts, sd infill. Foliation = 50° TCA Mineralization: sp, minor py in sd gangue (x-cutters and within flt breccia)	mod	100%	75951	264.6	265.5	0.9	131	2.9	271	12100		21	9669	762	140.7	20	
265.6	268.6	GQZT	sph, py		Dark grey graphitic quartzite with interbedded GSSC. 10% foliaform qtz veins, x-cutting and foliaform sd veinlets/blebs. Structure: Qtz veins (foliaform) cross-cut by sd ± sx stringers. Foliation = 40-50° TCA Mineralization: Some decent sph/py ± sd stingers/veinlets towards bottom of interval.	mod-good	100%	75952	267.4	268.6	1.2	4	7.7	533	13300		44	10000	24	187.9	9	
268.6	269.6	GRST	sph, gl		Pale to medium green foliated GRST, white, altered "phenocrysts" Structure: Minor x-cutting sd stringers (1-2mm) at top of interval, concordant through contact. Foliation = 60° TCA Mineralization: Disseminated sph replacing altered phenocrysts? Minor sph, trace gl in sd stringers (minor)	good	95%	75953	269.1	269.4	0.3	3	0.1	1	422		235	2873	6	2.8	54	
269.6	289.9	GQZT	py sph gal		Medium to dark graphitic quartzite with 15-20% graphite schist interbeds (≤80cm). 10% foliaform qtz veins (≤25cm). Minor x-cutting sd veinlets + qtz veins. Structure: X-cutting fractures throughout, most of which have sd/qtz fillings. Blocky in a few places (fractured), but as serious faulting. Small flt at 271.1-271.4m (gougy) Foliation = 60° TCA Mineralization: Minor py + sph stringers at top of interval, with trace gl. Disseminated sph in "permeable interbeds" (porous quartzite), cross-cut by pyrite replacement along fractures. Also x-cut by sd veinlets.	mod-good	100%	75954	271.1	271.4	0.3	30	3.7	54	1765		22	411	38	16.5	12	
								75955	273.2	273.6	0.4	1	0.6	57	1041		9	1483	7	10.7	<5	
								75956		STD Pb 132		2794	>300	27800	24400		3026	1003	123	143.9	451	
								75957	273.6	274.6	1.0	13	4.7	181	7678		27	1869	78	78.1	<5	
								75958	274.6	275.4	0.8	3	2.6	822	4497		16	2690	8	46.7	<5	
								75959	280.4	281.0	0.6	5	0.7	60	1716		14	652	13	17.8	5	

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289.9	292.2	GRST	sph		Medium green foliated greenstone with 60cm GQZT interbed in middle. Altered			mod	98%	75960	290.1	290.4	0.3	1	1.4	17	783		154	1172	13	7.2	12	
			py		"phenocrysts" flattened along foliations.					75961	290.4	290.6	0.2	186	45.4	2682	112300	121.13	257	5826	669	1681.7	33	
			po		Structure: Slickenlines along interbed contact. Possible faulted lower contact.					75962	290.6	290.8	0.2	4	0.1	1	924		11	2026	6	8.2	<5	
					Massive sx in low angle x-cutting (almost foliaform) qtz vein.					75963	291.9	292.2	0.3	54	1.8	26	7616		33	198	15	85.9	8	
					Within GQZT interbed, at upper contact.					75964DUP	291.9	292.2	0.3	<2	0.7	14	532		20	143	<5	5.2	8	
					Foliation : 45-55° TCA					75965				<2	<0.5	<5	32		<2	55	<5	<0.4	7	
					Mineralization: Massive py, sph, po within aforementioned vein, minor sph stringers in GRST (≤0.5cm).																			
292.2	298.5	GQZT	sp, py		Medium to dark grey graphitic quartzite with 15% interbedded GSCT. 10% foliaform qtz veins (≤10cm), minor x-cutting qtz veins, and x-cutting sd ± sx stringers			good	100%	75966	297.4	297.8	0.4	1	0.5	14	2032		12	671	19	24.4	<5	
					Structure: No flts. X-cutting fractures prominent, most infilled with qtz, sd.																			
					Foliation = 50-60° TCA																			
					Mineralization: Minor sph + py in sd x-cutters																			
					Dark green weathering mineral present along fractures																			
	EOH				END OF HOLE																			