

2009 DRILL LOG:	MEGA PRECIOUS METALS INC. - EAGLE PROJECT, GALENA HILL, YUKON	DRILL HOLE	D09EE-10
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PROPERTY	EAGLE	CLAIM	Eagle 2	MINING DIST.	Mayo	LOG BY	R.Ritchie	DATE	Aug 27/09
LOCATION:						Data Entry	J.Cross		
UTM East	481805	E	START DATE	Aug 23, 2009	CONTRACTOR	Kluane			
UTM North	7086841	N	FINISH DATE	Sept 2, 2009	DAY CREW	Ben			
ELEVATION	1323	m	CASING	OUT	NIGHT CREW	Ken			
SECTION			GPS	Garmin 60CSx (ave. >100x)	DRILL	K2000			
					CORE SIZE	NTW			
					HOLE SURVEY INSTR.	Reflex			
PURPOSE									
NOTES									

[illegible]

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)		
52.0	115.3	GQZT	py		Medium to dark grey graphitic quartzite with 10% interbedded GSCT. From 52.0m to 102.2m, roughly 5-10% foliaform qtz veining with minor (<1%) x-cutting qtz veins. From 102.2m to 115.3m, ~35-40% foliaform qtz veining (≤60cm) with minor (<2%) x-cutting qtz veins. Small x-cutting fractures (<2mm) filled with sd present from 92.0m-98.0m (<1%). Sd within qtz at 113m  Structure: Moderate faults: 90.8m-91.7m (blocky to gougy) 104.1m-104.8m (blocky to gougy), qtz rich 113.9m-114.5m ( " " ), Small Faults: 65.4m (qtz rich gouge, <10cm) 53.7m ( " " , 10cm) 75.0m (gougy, 10cm) Foliation = 70° TCA (at 55.0m), 45° TCA at 92.4m, 70° TCA at 112m  Mineralization: Pyrite blebs in x-cutting qtz vein at 74.6m (minor) Diagenetic py along many of foliations. No mineralization associated with sd.			Mod-decant	95% missing ~2.4m btwn 106.0m-112.8m																
115.3	124.8	QGSC	minor-tr. py tr. gl		Dark grey qtz graphitic schist with foliaform + x-cutting qtz veins (≤20cm) (~20%). Most (70%) of veining is foliaform. ~25% GQZT interbeds (≤1m) (exception). Interval is highly sheared/deformed, most strain taken up by QGSC. Sd exists as blebs and disseminations within qtz veins, and as veinlets on its own (x-cutting)  Structure: Strong fault from 122.5m-124.3m, blocky to gougy with fair amount of sd within damaged rock Small flt. at 115.4m (15cm, graphitic gouge) Many "small scale" flts within core (offsetting foliations). Foliation = roughly 60° TCA, but highly deformed as aforementioned Mineralization: Diagenetic py within QGSC, and minor to trace py within qtz veins. TRACE gl with some of sd within qtz vein. No significant mineralization.			poor	98%																
124.8	203.1	GQZT	py po diagenetic		Medium to dark grey graphitic quartzite with 20% QGSC interbeds. ~15% foliaform qtz veining (≤30cm), with subordinate x-cutting qtz veins (~2%). Trace sd veining. Portions of interval highly sheared, especially from 178.5m-187.7m. Structure: Moderate fault(s) - 147.3m-148.3m (blocky to gougy) 189.0-191.1m (blocky with some gouge) 202.2m-202.9m (blocky, mostly gouge)  Foliation = 70° TCA  Mineralization: Diagenetic py+po? (both folded anyhow), sometimes in appreciable amounts. Minor blebs of py within some of qtz veins, but nothing significant.			mod-good	98%																
203.1	224.0	QGSC	sd. py tr sph		Pale green to grey green chlorite sericite quartz schist with minor thin bedded quartzites, (≤40cm)(5%). QGSC has ~10% foliaform quartz veins. Minor x-cutting sd veinlets with some qtz, also sd as blebs within larger qtz veins. QGSC has intermittent talc 2.1m washed & missing Structure: What looks like moderate-large shear zone from 208.3m-211.0m, foliations TCA rotated to 0°, heavy quartz veining. Foliations = 80°. Lots of deformation in this interval. Mineralization: X-cutting sd veinlets have minor py and trace sph mineralization.  N.B. 5' wash or more between 210.9m-214m cuttings			mod	18.5m /20.9m (88%)																

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)	
224.0	253.0	QGSC	py		Dark grey graphitic schist with thin interbeds of graphitic quartzite (30%); 5-10% foliaform qtz veins (≤20cm). Minor x-cutting qtz veinlets with trace sd			poor-mod	95%															
					Structure: Moderate deformation throughout. Foliation TCA = 75° on average, rotated to ~0° in highly deformed zones																			
					Small faults 10-20cm at 224.8m, 229.1m.																			
					Strong qtz veining from 228.7-229.3m																			
					Mineralization: Varying amounts of diagenetic py (minor) and some py related to later qtz / sd veins / veinlets. Nothing significant.																			
					Some massive py at 230.5m																			
					N.B. Core in between 230.5m-231.0m																			
253.0	254.5	GQZT	py	sd	Medium to darker grey quartzite with minor GSCT interbeds (~5%), thin. Graphite content in QTZT veins from almost nil to ~15%. X-cutting + foliaform qtz veins in equal proportions, ~8% overall. X-cutting sd veinlets and blebs within qtz veins.			poor-mod	95%															
					Some of "																			
					Structure: Moderate fault zone from 237.8m-240.0m (gougy to blocky)																			
					Moderate flt from 253.8m-254.5m (gougy to rubbly)																			
					Foliation = 60° TCA																			
					Mineralization: Minor py in sd/qtz fracture zones.																			
254.5	265.0	GSCT	sph.py gl	sd	Dark grey graphitic schist with medium grey qtzit interbeds (15%) (≤40cm).			poor	Missing	75898	258.7	260.0	1.3	22	8.4	1731	2438		34	5260	145	19.6	9	
					10% cross-cutting + foliaform qtz veins. X-cutters (≤10cm) have 10% sd min as belbs and fracture fillings/stringers.				1.5m	75899	260.0	260.6	0.6	5	15.0	576	1436		47	3697	26	10.5	11	
					Structure: Strong fault zone from 255.1m-260.8m (gougy to blocky) with intermittent intact intervals (≤10cm)				btwn	75900	260.6	261.2	0.6	3	5.3	543	1213		23	4350	15	8.7	10	
					Moderate fault 261.7m-262.3m.				255.5m-	75901	261.2	261.4	0.2	9	14.5	3891	5273		22	10000	14	43.7	18	
					X-cutting fractures throughout much of interval				260.9m	75902	261.4	261.6	0.2	8	11.7	884	1327		46	4545	29	10.5	16	
					Foliation = 25° TCA @ 256.5m				9.0/10.5	75903	262.7	263.0	0.3	15	20.6	4922	3561		74	8362	101	32.9	13	
					= 60° TCA @ 261.0m				(85%)															
					Mineralization: at 261.2-261.4m qtz-sd vein (85-15%, respectively) has sph blebs perhaps overgrowing gl. Sph, minor to trace gl+py along sd stringers. Qtz Fe-CO3, gangue, minor mineralization.																			
265.0	270.4	GQZT	py.sph. gl	sd	Medium to darker grey graphitic quartzite with 20% interbedded LOZT			mod	98%															
					<5% foliaform qtz veins, with only a few small qtz x-cutters.																			
					Trace Sd stringers (~2mm).																			
					Structure: blocky from 265.0m-265.9m																			
					Small gougy fault at 266.2m.																			
					Foliation = 70° TCA at 265.5m, 90° TCA at 267.0m.																			
					Mineralization: Py along some qtz/sd veinlets, have sph+gl as well																			
					Diagenetic py along some foliations.																			
					Qtz/sd gangue.																			
270.4	273.6	SSCT	py	sd	Pale grey green sericite schist with 10% foliaform qtz veins (≤12cm), subordinate x-cutting qtz stringers (≤10cm).			mod	100%															
					Structure: Moderately deformed, small shear at 273.2m.																			
					Foliation : 75° TCA																			
					Mineralization: Py along fractures + foliations (1° + 2°). Py within sd in qtz veins.																			

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)	
273.6	282.7	LQZT	py tr. sph gl		Medium grey laminated quartzite with minor (~5%) GQZT interbeds (≤20cm) 8-10% Qtz foliaform veins + subordinate x-cutting veins slightly vuggy. Minor sd stringers + sd blebs within qtz veins. Structure: Moderately deformed. Moderate-strong flt zone from 278.0m-279.0m (gougy) rubblly - 280.7-282.7m. Mineralization: Minor py + trace sph, gl in qtz/sd stringers at 280.5m. Py + sd in gougy zones as well																			
282.7	285.6	SSCT	py	tlc	Pale green sericite talc schist. <u>GOUGE</u> / minor interbed of GSCT gouge Structure: Entire interval is flt gouge. → Strong flt Foliation = ?? Mineralization: Small amounts of py in sd, but hardly recognizable N.B. 6' wash within interval (or at end)	v. poor	282.7m- 285.6m LOST 2.0m 0.9/2.9 (31%)																	
285.6	300.9	QGSC	py tr. sph		Medium to dark grey graphitic schist with 10-15% foliaform qtz veins. Structure: Strong fault zone at beginning of interval (285.6-292.0m) → poor recovery Small flts here and there beyond strong fault (below). Foliation ~ 55-65° TCA Mineralization: Minor py in qtz/sd veins, with trace sph, and in some gouge.	poor- mod	10.4/15.3m 68%																	
300.9	305.2	CQSC	py, gl, sph		Medium to pale green chlorite sericite quartz schist, with roughly 10% foliaform quartz veins (≤ 4cm). Minor x-cutting sd veinlets, (≤ 0.6cm) Structure: Moderate deformation, no significant faulting Foliation = 65-75° TCA Mineralization: Minor sph and gl in sd stringers, py as well. As move towards bottom of interval sulphide + sd increasing. Qtz sd gangue.	mod	100%	75904 75905	303.5 304.7	303.8 305.1	0.3 0.4	11 26	17.0 7.0	1717 677	3916 2774		20 49	7500 3331	65 131	34.6 27.8	25 6			
305.2	309.2	QTZT	py, sph		Pale to medium grey quartzite. Qtz, sd + sulphide veins (10-20%)	poor	also	75906	305.1	305.4	0.3	132	28.2	6783	21100		68	6986	519	245.2	<5			
305.2	305.7m	SXVN	gl		Structure: Starting at 305.7m-308.8m goune + rubble (from mis-latch), although looks like could have been fault zone Foliation = 55° TCA Mineralization: Semi-massive (massive texture though) sph, py veins with trace galena. Sd present though in relatively small quantities. N.B. Mis-latch at 305.7m RIGHT AS VEIN STARTS! ~ 2.7-3.0m lost → Recovered some gouge + rubble with evidence of semi-massive mineralization.		75907 75908	305.4 305.7 305.9	305.7 305.9	0.3 0.2	237 87	33.9 19.3	1347 1845	59400 8382		399 55	1880 1397	844 1746	770.8 78.3	<5 17				

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)	
309.2	311.3	GRST			Med to dark green/brown foliated greenstone. Minor x-cutting qtz+sd veins (<4cm). Phenocrysts/porphyry have been altered to purplish brown, and some of 'groundmass'. Structure: Much of interval is broken up (pebbly to blocky) Mineralization: Fault from 309.8-311.2m. (pebbly to blocky) N.B. From 309.2m-311.3m, missing 0.9m			poor	1.2m/2.1 57%	75909	309.4	310.8	1.4	24	4.7	19	371		1113	2742	75	3.1	31	
311.3	314.3	QTZT	py		Pale to medium grey quartzite with 25% qtz veins (x-cutting), + minor sd Structure: Entire interval is block-rubbly Foliation = 55° TCA Mineralization: Minor py along fractures N.B. 5' Wash away at 313.3m			poor	40% 1.2m /3.0m															
314.3	320.3	QGSC	py		Dark grey quartz graphitic schist with 20% GQZT interbeds. X-cutting and foliaform qtz veins (5-10%), some with sd "blebs". Structure: Highly deformed in more graphitic sections. Small fits from 314.3-314.9m, 316.3m-316.9m, at 319.2. Foliation = 65-65° TCA Mineralization: Minor py in sd gangue, insignificant.				72% 4.3m /6.0m															
320.3	335.4	GQZT			Medium grey graphitic content is 5% GSCT interbeds. ~20% qtz veins, most of which are x-cutting (lots of gash fractures). Relatively low graphite content. Structure: 329.7-330.7m fault zone (GSCT) (gougy to blocky) Mineralization: No secondary mineralization (only minor diagenetic py) N.B. 2.9m of sand from cave in during rod pull at 333.8m			mod	95%															
335.4	344.0	GSCT	py	sd	Dark grey graphitic schist with 10% GQZT interbeds and 10% CTSC interbed(s) (<75cm). 20% x-cutting qtz veins, some large (see below). Structure: Large qtz vein 339.8-341.2m, with minor sd Moderate fault zone from 339.8m-342.8m (gougy-blocky), with some intact sections between/within. Foliation: All over the place, generally 65-70° TCA Mineralization: Minor py with sd in qt veins, especially large one.			poor	98%															
344.0	349.9	QTZT			Pale grey "cherty" quartzite with x-cutting and foliaform qtz veins (≤10cm) (5%). Very hard + competent. Structure: X-cutting fractures throughout, small fit at 349.7m (20cm) No distinct foliation. Mineralization: None																			
349.9	351.9	CTSC			Medium green chlorite talc schist Structure: Foliation = 60° TCA Mineralization: No visible sulfides, (OK. some py....trace)			mod	100%															
351.9	381.3	GQZT			Medium to dark grey graphitic quartzite 5% GSCT interbeds (≤20cm)			poor	93%															

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)	
					<2% qtz veining (x-cutting mostly).				27.3/29.4															
					Structure: Strong flt zone from 362.4m-368.4m (gougy to blocky)																			
					Small fracture zone at 380.5m (blocky to rubbly over 1m)																			
					Foliation = 70-90° TCA																			
					Mineralization: None																			
	EOH				END OF HOLE																			