PRIMO DIAMOND DRILL LOG: DD96-03

Hole#: DD96-03	Northing: 9+96N	Easting: 0+23E	Altitude: 1195m
	Bearing: 315°	Inclin: -50°	Depth: 57.9m

FROM	TO	DESCRIPTION
(m)	(m)	
0.0	**25.20**	**Overburden/Till**:Bldrs tuff, porphyry, sed.
25.20	**41.75** (16.55)	**Sulphide Horizon:** Semi-massive to massive pyrrhotite-pyrite in chloritic chert. Crudely bedded. Cut by barren chlorite-carbonate veinlets.
(25.10	26.20)	Sample# ***231465;*** 1.1m 0.30Au, 0.7Ag, 0.23%Cu
(26.20	27.20)	Sample# ***231466;*** 1.0m 0.38Au, 0.7Ag, 0.22%Cu
(25.20	34.70)	Mottled, weakly brecciated (autoclastic?) semi-massive sulphide-chert. Sulphides: 50-75%; amorphous to banded, py-po as "breccia-fill"; with <1% to ~1% chalcopyrite as disseminated clots and in tiny veinlets (exsolution blebs). Sulphides interstitial to chert "fragments" and layers. Chert: pale green, extremely siliceous, chloritic?. Trace $CaCO_3$ in clots. Local synformational deformation & rip-up clasts "cemented" by sulphides. ?Exhalative chert?
	(25.90)	Bedding ATC: 15°
	(34.50)	Bedding ATC: 22°
(27.20	28.20)	Sample# ***231467;*** 1.0m 0.26Au, 0.5Ag, 0.19%Cu
(28.20	29.20)	Sample# ***231468;*** 1.0m 0.24Au, 1.0Ag, 0.26%Cu
(29.20	30.20)	Sample# ***231469;*** 1.0m 0.23Au, 0.6Ag, 0.23%Cu
(30.20	31.10)	Sample# ***231470;*** 0.9m 0.82Au, 0.8Ag, 0.2%Cu
(31.10	32.10)	Sample# ***231471;*** 1.0m 0.25Au, 1.0Ag, 0.35%Cu
(32.10	33.10)	Sample# ***231472;*** 1.0m 0.52Au, 0.8Ag, 0.28%Cu
(33.10	34.10)	Sample# ***231473;*** 1.0m 0.34Au, 0.6Ag, 0.15%Cu
(34.10	35.10)	Sample# ***231474;*** 1.0m 0.10Au, 0.4Ag, 0.15%Cu

(34.70	39.10)	Massive sulphide zone. Sulphides: 75-90%; ditto 25.2-34.7, but little chert except at 36.4-37.3 (<20% sulphides in stringers). Chalcopyrite ditto 25.2-34.7, <2% throughout.
	(36.30)	Bedding ATC: 25°
(35.10	36.10)	Sample# ***231475;*** 1.0m 0.32Au, 0.3Ag, 0.21%Cu
(36.10	37.10)	Sample# ***231476;*** 1.0m 0.22Au, 0.7Ag, 0.25%Cu
(37.10	38.10)	Sample# ***231477;*** 1.0m 0.30Au, 1.1Ag, 0.44%Cu
(38.10	39.10)	Sample# ***231478;*** 1.0m 0.48Au, 0.6Ag, 0.14%Cu
(39.10	41.75)	Sulphide-rich weakly fragmented chert. Sulphides: <20%; ditto 25.2-34.7, but as bands, lenses and stringers only. Chalcopyrite ditto 25.2-34.7, but <1% throughout. Chert: ditto 25.2-34.7, but with epidote and with minor quartz-sulphide veinlets.
(39.10	40.10)	Sample# ***231479;*** 1.0m 0.34Au, 0.8Ag, 0.14%Cu
(40.10	41.10)	Sample# ***231480;*** 1.0m 0.46Au, 1.4Ag, 0.20%cu
(41.10	42.10)	Sample# **231481**; 1.0m 0.35Au, 2.5Ag, 0.18%Cu
(42.10	43.10)	Sample# **231482**; 1.0m 1.17Au, 10.1Ag, 0.07%Cu 0.16%Pb, 0.23%Zn
41.75	**42.60**	**Chert Breccia?:** Chert: Extremely siliceous, white "chert" with ghost siltstone/chert fragments. Weak stockwork of pale green chlorite-epidote-quartz-sulphide veinlets. Minor disseminated clots of carbonate. Footwall exhalite zone? Sulphides: Trace po-py, chalcopyrite AND sphalerite as disseminated clots and in veinlets.
42.60	**44.90**	**Strongly Altered Siltstone:** White, with brown remnants of precursor siltstone. Strong pervasive silicification; dense stockwork of quartz veinlets + epi, chl, po-py. Veinlets @ <2cm spacing. No carbonate.
44.90	**47.50**	**Fault zone:** Sheared, brecciated and calcified siltstone. Attitude unknown.
47.50	**57.90**	**Siltstone:** Non-calcareous, brown siltstone. Dense, hornfelsed? Quartz-chlorite + epidote veinlets, with bleached walls, 3-5cm spacing. Trace py-po + chalcopyrite in veinlets. These veinlets do NOT extend into overlying sulphide horizon!
	(48.20)	Bedding ATC: 24°
	EOH	-54°