Torque Mining Ltd Detailed Drill Log

Hole Number		NC68	Sheet No	1	Mineralisation / Alteration and additional descriptors

INTERVAL		ROCK CODES		Alteration summary				**Full description:** **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	
0	0.80		CELUV					Scree. pale grey brown sand
0.8	3.40		SST					Sandstone. Variably oxidised sandstone with some more coherent zones of oxidised zones - zones of broken core. Broken core dominantly. Minor quartz cross veins with moderate to high core axes 2.9 to 3.1m, associated with minor pug at 3.1m.
3.4	4.05		SST	Bi				Sandstone with BMS. Medium brownish grey sandstone with disseminated pyrite and disseminated to S0 conformable blebby galena. Pyrite approximately 2%, fine grained and disseminated, galena approximately 2% in coarser more discrete blebs conformable to S0 at 40° to 50° to core axis. Some leaching so probably some biotite.
4.05	9.40		SST	VSX				Sandstone with variable dendritic pyrite zones. Variably brownish grey to light greenish grey sandstone with zones of disseminated/blebby/dendritic pyrite and trace disseminated galena. 200mm quartz vein 60° to core axis from 4.4m to 4.6m. From 4.05m to 5.7m brownish grey biotite altered, bioturbation in parts but S0 40° to 45° to core axis. Trace disseminated sulphide pyrite >>galena. From 5.7m to 7.65m, light greenish grey – ie not biotite altered, still with some bioturbation but now 2% throughout, locally to 5%. S0 50° to 60° to core axis eg. at 5.9m. From 7.65m to 8.85m more brownish grey now with trace to minor disseminated pyrite. S0 45° to 50° to core axis, bioturbation.From 8.85m to 9.4m light greenish grey pyrite zone again with approximately 2% pyrite throughout.
9.4	9.85		SST	SMSX				Pyrite/BMS/Sandstone. Brownish grey, semi msv sulphide with predominantly pyrite but also S0 conformable trails of galena. Banding 65° to core axis, slightly coarser sandstone.
9.85	14.05		SST	VSX				Sandstone with variable dendritic pyrite. Light greenish grey sandstone with variable dendritic pyrite to approximately 2% throughout. Some minor brownish grey zones.
14.05	14.60		SST	VSX				Sandstone with pyrite. Continuation of uphole unit but more strongly pyritic.
14.60	17.70		SST	SMSX				BMS/pyrite/sandstone>>coarse grained sandstone. Semi msv pyrite and galena in variable but generally coarse grained sandstone, banding 45° to 60° to core axis. Approximately 5% pyrite, 2% galena throughout. Gradational but sharpish lower contact – upper contact leached broken core from 16.85m to 17.35m. Irregular zones of coarse grained sandstone < sandstone.
17.70	18.70		SST	SMSX	Bi			Brownish greenish grey sandstone. Similar sediment to unit up hole but not mineralised.
18.70	19.44		SKARN					Skarn. Distinctive green/cream and purple banded skarn. Banding 60° to core axis. Gradational upper contact and lower contact into biotite alteration.
19.44	21.55		SKARN					Skarn. Skarn but with broader biotite zones and finer banding 60° to core axis. Just not as distinctive as previous unit.
21.55	25.30		SST	SMSX	Bi			BMS/Sandstone Brownish grey semi massive pyrrhotite with galena – lesser tenor than BMS up hole but similar. Some minor coarse grained sandstone zones. Comes and goes a bit with weaker 23.3m to 23.75m. Not gritty but medium grained sandstone. Banding steeper 65° to 70° to core axis.
25.30	28.60		SST	Bi				Brown, biotite altered sandstone.
28.60	29.10		SST	VSX				Largely dendritic pyrite altered sandstone.
29.10	31.20		SST	Bi				Brown biotite altered sandstone with 10cm light greenish grey dendritic pyrite sandstone from 30.0 to 31.1m.
31.20	33.90		SST	VSX				Brownish grey but dendritic pyrite with weaker biotite.
33.90	EOH							

FROM (m)	Pyrite		Galena		Sphalerite		Biotite		Silica		Sericite		Chlorite		(Ca)CO3		Calc-Sil		Skarn		Magnetic		QVN	Other minerals / texture / colour							
	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour
0																															
0.8																															
3.4																															
4.05																															
9.4																															
9.85																															
14.05																															
14.60																															
17.70																															
18.70																															
19.44																															
21.55																															
25.30																															
28.60																															
29.10																															
31.20																															
33.90																															