Torque Mining Ltd Detailed Drill Log

Hole Number		NC72	Sheet No		Mineralisation / Alteration and additional descriptors			**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
INTERVAL	**ROCK CODES**			**Alteration summary**				
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	
0.00	0.30		CELUV					Scree. Rubbly dirt.
0.30	3.90		SST					Sandstone. Cream leached sandstone.
3.90	4.45		SST					Quartzite. Pale grey quartzite with minor disseminated pyrite.
4.45	5.15		SST	SMSX	Bi			Pyrite/BMS/biotite altered sandstone. Brownish grey but altered sandstone with disseminated pyrite throughout approximately 2% and with 0.5% disseminated galena from 4.95m to 5.15m.
5.15	8.70		SST					Sandstone. Variable but generally weakly biotite altered sandstone with generally minor disseminated and dendritic pyrite.
8.70	9.45		SST	VSX				Quartzite/dendritic pyrite. Light grey quartzite with dendritic pyrite, also galena.
9.45	12.95		SST	Bi				Variable weak, occasional strongly biotite altered sandstone with zones strongly biotite 10.5m – 10.8m, 11.2 – 11.35m and 12.1m – 12.4m. Minor disseminated pyrite throughout.
12.95	13.30		SST	VSX				Strongly dendritic pyrite altered sandstone.
133.00	16.85		SST	Bi				Predominately moderately, occasionally strongly biotite altered sandstone – much of this zone is in broken core.
16.85	36.60		SST	VSX				Pyritic Quartzite. Grey to light yellow grey sandstone with dendritic to blebby pyrite zones with 2 – 4% pyrite, e.g. 18.8m – 21.2m, 21.4m – 21.9m, 27.55m – 27.7m, 28.65m – 29.1m, 30.7m – 33m, 35.25m – 36.6m, else 1% throughout. Biotite, pyrite with bms from 25.6m – 25.85m. 19.1m - fabric 55° to 60° to core axis defined by poddy alteration and pyrite. 21.2m – 21.4m - Silty interval, 70° to core axis (finegrained sericitic but is adjacent to puggy fault so could be tectonic). 24.5m – 25m - fabric defined by fine dark stylolite fractures 60° to core axis. 25.2m – 25.5m – fabric defined by domainal alteration 70° to core axis with dark green (chlorite?) light green grey banding. 32m – 32.4m – fabric defined by thin lenticular banding of alteration? – silica fines, dark stylolitic septa in yellow sericite? 60° to 65° to core axis associated with minor puggy fault at 32.4m. 32.4m – puggy fault approx 60° to core axis with more pyrrhotite silica sericite zones from 32.1m – 32.6m. Below approximately 25.1m darker zones are greenish so either green is chlorite and yellow is sericite or green is sericite with yellow more a clay or illite – latter seems more attractive.
36.60	38.40		SST	Bi				Chlorite/biotite altered sandstone. Dark greenish grey altered sandstone. Sandstone is coarser grained though change occurs uphole of 36.6m around 35.2m but this is the approximate position of a general change. Alteration is a mix of moderate biotite – moderate dark geen chlorite with 2% disseminated pyrite throughout, also some minor pyrrhotite and minor disseminated sphalerite (red brown) associated with dark green chlorite and possibly galena in places. Gradational upper contact to lower contact.
38.40	40.10		SST					Clay altered sandstone. Pale yellow clay altered zones with 1% disseminated pyrite. Apparently associated with minor fault/laminated quartz vein (Chloritic septa) at 80° to core axis from 38.6m – 38.7m.
40.10	42.70		SST	VSX				Pyritic Quartzite. Light greenish grey siliiceous quartzite with 2% disseminated pyrite as for 16.85m to 36.6m, locally to 4%, becomes more brownish biotite altered below 42.4m.
42.70	44.00		SST	DSX				Clay altered sandstone. Yellow clay zones as for 38.4m – 40.1m but no obvious reason. 2% disseminated pyrite with 5% from 42.8m to 42.9m. Coarse grained in parts.
44.00	44.50		SST	DSX				Quartzite sandstone. Light greenish grey siliceous quartzite zones as for 40.1m – 42.7m with 1% disseminated pyrite.
44.50	47.15		SST	VSX / SMSX				Biotite altered sandstone. Moderate brown mottled somewhat due to spotty disseminated pyrite. Moderate biotite alteration in generally coarse grained sandstone – looks equivalent of Higgs mineralized unit. Contains disseminated bms – especially galena with best zones 46.6m – 46.9m but weaker below this. Fabric defined by somewhat irregular banding of biotite in minor bands also after septa 60 - 70° at 46.2m, 75° at 45.3m and 75° at 47.0m. 10mm bms quartz vein at 46.9m, conformable to banding at 75° to core axis.
47.15	EOH							

	Pyrite		Galena		Sphalerite		Biotite		Silica		Sericite		Chlorite		(Ca)CO3		Calc-Sil		Skarn		Magnetic		QVN	Other minerals / texture / colour							
FROM (m)	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
0.00																															
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