Afmeco Mining and Exploration, Western Arnhem Land, NT, Australia
Diamond Drilling Summary

Tenem. **Hole ID**	G. coord. X y z	Date: started finished	Core size	depth/ azimuth(M)/ dip	unconf x y z	downh logging tool(s)	PIMA XRD Analy. min's.	Geological summary	Ra max cps/m Tot. GT (cutoff 1‰) from/to
ERL 152 **U65-4**	327280 8632400 250	6/7/99 14/7/99	NQ2	0/272/-70 50.6/274/-69.5 102/274/-68.5 153/274/-68.5 201/276/-69 252/277/-70	178.6	A-75	78 7 18	**0-178.6m, KOMBOLGIE SANDSTONE** 0-7.9m, silicifed medium to coarse sandstone, bleached to hematitic 7.9-16.1m, bleached silicified fine to medium sandstone 16.1-49.6m, silicifed fine to medium sandstone, bleached to hematitic 49.6-62.0m, silicified hematitic fine to medium sandstone, banded 62.0-91.6m, silicified fine to medium sandstone, hematitic to bleached 91.6-101.6m, silicified pebbly sandstone, weakly hematitic 101.6-129.2m, silicified fine/coarse sandstone, banded, hematitic/bleached 129.2- 140.7m, silicifed pebbly sandstone, hematitic to bleached 140.7-166.2m, pebbly sandstone, weakly hematitic to bleached 166.2-171.4m, pebbly sandstone, hematitic, minor pyrite on fractures 171.4-174.0m, pebbly sandstone, weakly hematitic to bleached 174.0-178.6m, hematitic and silicified gravelly to pebbly sandstone **178.6m, UNCONFORMITY** **178.6-204.9m, ? upper arkosic unit, LOWER CAHILL FORMATION** 178.6-179.6m, hematite-clay rock with quartz veins, palaeoweathering? 179.6-191.4m, hematitic meta-arkose with deformed ?pebbles 191.4-197.0m, hematitic meta-arkose 197.0-199.3m, hematitic/chloritic meta-arkose 199.3-204.9m, illite-hematite schist, little quartz remains **204.9-251.0m, major fault zone** 204.9-219.6m, strongly altered hematite rock, sheared/brecciated in part 219.6-239.8m, hematitic quartz breccia 239.8-247.0m, strongly sheared hematitic meta-arkose 247.0-251.0m, strongly hematitic amphibolite, much quartz veining **251.0-299.6m, ?amphibolitic unit, LOWER CAHILL FORMATION** 251.0-267.7m, altered meta-arkose and schist, hematitic/chloritic 267.7-274.7m, altered meta-arkose and schist with bands of hematite rock 274.7-292.3m, strongly chloritised amphibolite with altered meta-arkose, some quartz veins, sheared in part, minor albitic alteration 292.3-299.6m, altered micaceous meta-arkose, chloritic/albitic alteration	Not anomalous

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ERL 152 **U65-5**	327310 8631220 140	11/8/99 14/8/99	NQ2	0/210/-70 50/200/-69 101/203/-69½ 149/204/-69 200/204/-69½ 266/210/-72	171.0	Not logged SPP2 every 1m	61 17 6	**0-171.0m, KOMBOLGIE SANDSTONE** 0-3.8m, weathered medium to coarse sandstone 3.8-39.0m, silicified hematitic medium to coarse sandstone 39.0-78.8m, strongly silicified hematitic medium to coarse sandstone 78.8-82.0m, strongly silicified hematitic v.coarse sandstone 82.0-89.1m, silicified banded medium to coarse sandstone, weak hematitic to limonitic alteration, minor chlorite 89.1-104.6m, strongly silicified hematitic medium to coarse sandstone 104.6-115.5m, altered pebbly sandstone, weakly hematitic to clayey, patchy silicification and minor chlorite 115.5-144.7m, strongly silicified hematitc medium to coarse sandstone 144.7-146.6m, as above, brecciated in part 146.6-150.4m, brecciated hematitic pebbly sandstone 150.4-151.8m, hematite rock 151.8-160.0m, brecciated hematitic/chloritic pebbly sandstone, some zones of silicifiation, complete replacement by chlorite/hematite in part 160.0-166.8m, altered pebbly sandstone, chloritic fractures 166.8-171.0m, altered pebbly sandstone, very coarse at bottom **171.0m, UNCONFORMITY** **171.0-266.4m, ?upper arkosic unit – LOWER CAHILL FORMATION** 171.0-175.5m, brecciated chlorite-hematite rock/schist 175.5-178.4m, strongly hematitic schist, weakly chloritic/illitic 178.4-184.6m, strongly altered schist, sillimnanite at top, hematitic 184.6-188.0m, altered garnet schist and sillimanitic meta-arkose, hematitic 188.0-191.6m, strongly hematitic sillimanitic meta-arkose 191.6-194.0m, altered schist, hematitic to illitic 194.0-204.9m, altered sillimanitic meta-arkose and schist, hematitic/chloritic 204.9-214.4m, altered sillimanitic meta-arkose and schist, hematitic/illitic 214.4-215.4m, hematitic dolerite intrusive, ?sill 215.4-219.5m, altered meta-arkose and garnet schist, hematitic/chloritic 219.5-242.7m, altered meta-arkose and schist with segregate bands 242.7-247.0m, illitic meta-arkose with deformed ?pebbles, sheared 247.0-259.0m, altered ?pebbly meta-arkose with segregate zones, sheared 259.0-266.4m, altered quartz schist and meta-arkose, minor pyrite	Not anomalous