AFMECO MINING AND EXPLORATION PTY LTD
2000 Diamond Drilling Summary

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
ERL 151	318984	27-Jul-00	NQ2	0/160/-75	110.8	A-808	47	**0-92.0m, Oenpelli Dolerite**	Not
N147-08	8637567	31-Jul-00		65.6/151/-76			0	0-8.7m, moderate red-orange clay	anomalous
	70			101.6/153.5/-75.5			0	8.7-31.6m, moderate red-brown clay, remnant dolerite clasts	
				152.6/151.5/-76				31.6-33.1m, broken weathered grey-orange dolerite	
								33.1-60.6m, strongly chl altered dolerite, common qtz-carb veinlets	
								60.6-61.8m, strongly chl altered dolerite breccia	
								61.8-71.6m, strongly chl altered dolerite, common qtz-carb veinlets	
								71.6-74.2m, strongly chl altered dolerite, disseminated pyrite, mod broken	
								74.2-80.1m, mod chl altered dolerite, mod broken	
								80.1-89.3m, broken brecciated chl altered dolerite	
								89.3-90.1m, fine sandstone, silicified	
								90.1-92.0m, red-brown clay, remnant dolerite clast and textures	
								92.0-110.8m, Lower Kombolgie Formation	
								92.0-93.5m, fine sandstone, silicified, 'spotted'	
								93.5-98.0m, fine sandstone, silicified, 'spotted', broken, chl along fractures	
								98.0-105.1m, medium coarse sandstone, silicified, broken, chl along fractures	
								105.1-109.2m, fine medium sandstone, silicified, mnr breccia, chl fractures	
								109.2-110.1m, fine medium chl altered sandstone	
								110.1-110.8m, breccia, sandstone & basement clasts, chl-hem matrix,	
								110.8m, UNCONFORMITY	
								110.8-157.1m, upper arkosic unit, Lower Cahill Formation	
								110.8-119.1m, hem altered quartz mica schist, qtz ill segregates	
								119.1-120.7m, quartz breccia, mnr quartz mica schist	
								120.7-124.5m, hem altered quartz mica schist, mnr qtz ill segregates	
								124.5-132.3m, hem altered quartz mica schist, mnr meta-arkose	
								132.3-137.4m, mild chl altered quartz mica schist, qtz ill segregates	
								137.4-138.6m, interbedded chl altered qtz mica schist and meta-arkose	

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-08 continued								138.6-144.3m, chl alt quartz mica schist, mnr folding, mnr meta-arkose 144.3-150.4m, chl alt qtz mica schist, mnr folding, numerous qtz ill segregates 150.4-157.1m, chl alt qtz mica schist, thin amphibolite, qtz ill segregates **157.1m, END OF HOLE**	
ERL 151 **N147-09**	318776 8637167 70	1-Aug-00 7-Aug-00	NQ2	0/206/-70 50.4/228/-72 101.4/232/-72 155.4/232/-72.5 200.4/228/-73.5 263.4/236/-76	1st - 168.3 2nd - 180.6	A-808	97 7 15	**0-168.3m, Lower Kombolgie Formation** 0-19.5m, mod broken fine sandstone, mod weathered, sandy intervals 19.5-29.4m, mod broken fine silicified sandstone, hem and lim altered 29.4-52.6m, fine silicified sandstone, hem and lim altered, stylolites 52.6-65.4m, fine silicified sandstone, goethite limonite hematite banded 65.4-77.0m, fine silicified sandstone, stylolites, hem and lim altered 77.0-90.5m, fine medium silicified sandstone, hem and lim altered 90.5-92.7m, medium pebbly sandstone, mod hem altered, num stylolites 92.7-98.1m, medium pebbly sandstone, mod hem altered, mnr chl alt, stylolites 98.1-109.5m, medium pebbly sandstone, mod hem altered, stylolites 109.5-113.2m, medium sandstone, mild hem and lim alt, mnr chl alt 113.2-122.6m, medium coarse sandstone, mild hem alt, num stylolites 122.6-130.0m, medium sandstone, strongly broken, mnr drusy qtz veining 130.0-140.3m, coarse pebbly sandstone, mod broken, mnr chl alt, mild hem alt 140.3-154.8m, coarse pebbly sandstone, num stylolites, mild chl alt, silicified 154.8-159.3m, coarse pebbly sandstone, num stylolites, mod to str chl alt 159.3-165.1m, coarse pebbly sandstone, num chl breccia and stylolites 165.1-168.3m, coarse pebbly sandstone, mild to mod chl alt, rip-up clasts **168.3m, UNCONFORMITY** **168.3-178.0m, upper arkosic unit, Lower Cahill Formation** 168.3-172.7m, mod-str chl and hem alt micaceous meta-arkose, qtz breccias 172.7-177.3m, mod hem alt micaceous meta-arkose and garnet-mica schist, mnr pyrite, mod broken	250.5m 1200cps 174eppm U

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-09 continued								177.3-178.0m, str hem altered meta-arkose, num specular hem veins **178.0-180.6m, Lower Kombolgie Formation** 178.0-180.6m, coarse pebbly sandstone, mod chl altered, mnr pyrite, common basement rip-up clasts **180.6m, UNCONFORMITY** **180.6-274.7m, upper arkosic unit, Lower Cahill Formation** 180.6-182.8m, mod hem altered mica schist, mnr tourmaline *182.8-182.9m, aphanitic, chilled dolerite, mod chl clay altered* 182.9-186.5m, mod chl and hem altered mica schist, disseminated tourmaline 186.5-190.0m, folded mica schist, thin meta-arkose, mild chl, hem, ill altered 190.0-195.0m, quartz mica schist, mnr meta-arkose, qtz breccia, tourmaline 195.0-202.0m, graphite mica schist, disseminated tourmaline and pyrite, folded mnr quartz segregates, mod chl and ill altered 202.0-206.6m, quartz mica schist, thin meta-arkose, mod chl ill altered 206.6-208.5m, str broken, mod-str ill altered qtz-mica schist, tourmaline 208.5-221.4m, interbedded qtz-mica schist and meta-arkose, mod chl ill alt scattered tourmaline, mnr qtz segregates 221.4-224.0m, mod-str chl alt amphibolite, num qtz veins, disseminated pyrite 224.0-233.7m, folded qtz-mica schist and meta-arkose, mnr mobilisates and qtz segregates, mnr tourmaline, rare pyrite 233.7-241.6m, interbedded qtz-rich meta-arkose and qtz-mica schist, mod chl and ill altered, scattered tourmaline 241.6-243.7m, mod chl alt amphibolite, common qtz stringers, pyrite 243.7-250.0m, folded qtz-rich meta-arkose and qtz-mica schist, mobilisates 250.0-251.0m, quartz removed mica schist, pitchblende, rare pyrite 251.0-260.4m, folded mica schist and meta-arkose, mod chl ill alt, tourmaline 260.4-269.4m, interbedded mica schist and meta-arkose, abundant mobilisates scattered tourmaline, rare pyrite 269.4-271.4m, chl altered amphibolite, rare pyrite 271.4-274.2m, mica schist, thin meta-arkose, mnr qtz segregates and pyrite	

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-09 continued								274.2-274.7m, mild chl altered amphibolite, disseminated pyrite **274.4m, END OF HOLE**	
ERL 151 **N147-10**	319249 8636475 70	8-Aug-00 12-Aug-00	NQ2	0/252/-70 50.1/257/-66.5 101.1/257.5/-66.5 152.1/261/-67 201.1/259/-72 221.1/270/-74	134.9	A-808	59 6 13	**0-134.9m, Lower Kombolgie Formation** 0-13.5m, sand and friable fine sandstone, weathered 13.5-18.0m, fine sandstone, silicified, broken 18.0-21.4m, weathered fine sandstone, friable and broken 21.4-29.5m, fine sandstone, silicified, broken 29.5-34.6m, fine medium sandstone, silicified, broken 34.6-46.0m, fine sandstone, silicified, broken, rare hematite spots 46.0-52.8m, fine sandstone, silicified, patchy hem alt, mnr stylolites 52.8-58.5m, fine sandstone, silicified and hem alt, mod broken 58.5-73.2m, fine sandstone, silicified, clay coated fractures 73.2-91.9m, med coarse sandstone, rare pebbles, hem alt, mnr stylolites 91.9-95.7m, fine medium sandstone, chl alt, stylolites, thin breccias 95.7-103.6m, fine medium sandstone, chl alt with common breccias 103.6-104.5m, chl breccia, fine medium sandstone clasts 104.5-110.1m, fine medium sandstone, chl breccias, mnr stylolites, mnr hem alt 110.1-110.7m, chl breccia, fine medium sandstone clasts 110.7-115.1m, fine medium sandstone, chl breccias, stylolites, mildly silicified 115.1-119.4m, coarse pebbly sandstone, thin chl breccias, mnr hem alt 119.4-122.5m, coarse pebbly sandstone, chl breccias 122.5-125.6m, fractured pebbly sandstone, chl breccias, stylolites 125.6-130.3m, coarse pebbly sandstone, chl breccias 130.3-134.9m, medium pebbly sandstone, mild chl and hem alt, stylolites **134.9m, UNCONFORMITY** **134.9-221.1m, upper arkosic unit, Lower Cahill Formation** 134.9-139.1m, hem alt qtz-mica schist, mnr qtz segregates, rare meta-arkose	152.7m 200cps 22eppm U 14eppm Th

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-10 continued								139.1-141.3m, hem-chl alt qtz-mica schist, mnr quartz segregates 141.3-142.3m, interbedded hem alt amphibolite, and chl alt qtz-mica schist 142.3-150.7m, banded hem-chl altered amphibolite, qtz stringers & segregates 150.7-153.2m, chl alt qtz-mica schist, thin qtz segregates 153.2-157.9m, chl alt qtz-mica schist and meta-arkose, thin quartz segregates 157.9-161.1m, chl alt qtz-mica-(garnet) schist and meta-arkose, folded 161.1-174.4m, chl alt qtz-mica schist, common qtz segregates and mobilisates 174.4-179.4m, chl and hem alt qtz-mica schist, thin meta-arkose, mobilisates 179.4-194.1m, folded chl alt qtz-mica schist, common qtz segregates 194.1-201.6m, mild chl altered qtz-mica schist, common mobilisates and quartz segregates 201.6-203.5m, quartz-chlorite-muscovite mobilisates and quartz segregates 203.5-208.7m, mild chl alt qtz-mica schist, common mobilisates 208.7-210.0m, chl alt amphibolite, qtz stringers, pyrite veining 210.0-218.1m, mild chl alt qtz-mica schist, thin meta-arkose interbeds 218.1-221.1m, mild chl alt qtz-mica schist, common qtz-segregates, mobilisates **221.1m, END OF HOLE**	
ERL 151 **N147-11**	319429 8636539 70	12-Aug-00 16-Aug-00	NQ2	0/250/-70 50.5/246/-69 101.5/255/-68 149.5/254/-69 200.5/249/-71	157.7	A-808	86 6 15	**0-157.7m, Lower Kombolgie Formation** 0-20.2m, fine medium sandstone, silicified, mnr lim alt, bleaching, stylolites 20.2-28.7m, fine sandstone, silicified, hem alt, bleaching, proto-stylolites 28.7-36.7m, fine medium sandstone, str silicified, proto-breccias 36.7-59.5m, fine medium sandstone, silicified, hem alt, stylolites, 'banded' 59.5-74.7m, fine sandstone, str silicified, proto-breccias, stylolites, bleaching 74.7-80.4m, fine medium sandstone, silicified, stylolites, mild bleaching 80.4-87.2m, mod fractured coarse pebbly sandstone, clay and lim alt 87.2-103.9m, med coarse sandstone, hem alt, mnr stylolites 103.9-111.7m, fine medium sandstone, patchy alt, mod broken, stylolites 111.7-119.8m, coarse pebbly sandstone, patchy alt, stylolites 119.8-128.0m, coarse pebbly sandstone, str broken, mild qtz dissolution	Not anomalous

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-11 continued								128.0-138.7m, coarse pebbly sandstone, patchy alt, stylolites, mild qtz removal 138.7-140.5m, med coarse sandstone and chl-hem-ill rock, str qtz dissolution 140.5-143.4m, coarse pebbly sandstone, str ill-hem alt, mnr qtz dissolution 143.4-145.6m, coarse pebbly sandstone, hem-breccias, mild lim alt 145.6-152.2m, coarse pebbly sandstone, chl-breccias, chl-ill rock, mnr qtz dissolution, thin siderite veinlets 152.2-157.7m, coarse pebbly sandstone, chl-breccias, qtz removal, mnr pyrite basement rip-up clasts **157.7m, UNCONFORMITY** **157.7-227.5m, upper arkosic unit, Lower Cahill Formation** 157.7-158.7m, str chl alt mica schist, partial qtz removal, thin fragmentals 158.7-163.6m, hem-ill-sericite alt qtz-mica schist, mnr qtz removal, thin siderite veinlets, scattered tourmaline, thin meta-arkose interbeds 163.6-170.7m, folded qtz-mica schist, mod chl-ill-sericite alt, mod str qtz dissolution, scattered tourmaline 170.7-173.6m, fine meta-arkose and qtz-garnet-mica schist, thin pegmatite 173.6-175.2m, qtz-mica schist, qtz partially removed, chl-ill alt 175.2-180.5m, fine meta-arkose, thin qtz-mica schist interbeds, thin qtz segregates, scattered tourmaline, rare specular hematite 180.5-189.6m, mobilisates/pegmatites, thin meta-arkose intervals, tourmaline 189.6-193.7m, mobilisates and fine meta-arkoses, hem alt, tourmaline 193.7-196.4m, str broken fine meta-arkose, qtz-mica schist, tourmaline 196.4-201.1m, folded fine meta-arkose, qtz-mica schist, tourmaline, rare pyrite 201.1-208.7m, folded qtz-mica schist and mobilisates/segregates, tourmaline 208.7-209.4m, hem alt quartz-rich meta-arkose 209.4-213.7m, mildly folded qtz-mica schist and mobilisates, tourmaline 213.7-214.4m, hem-ill altered amphibolite, scattered pyrite 214.4-215.6m, quartz-rich micaceous meta-arkose, thin mobilisates 215.6-217.7m, str chl-hem-ill alt amphibolite, qtz stringers and hem veinlets 217.7-227.5m, mildly folded qtz-mica schist, fine meta-arkoses, mobilisates rare pyrite, scattered tourmaline	

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-11 continued								**227.5m, END OF HOLE**	
ERL 151 **N147-12**	318967 8637026 70	16-Aug-00 23-Aug-00	NQ2	0/213/-70 50.2/223/-68.5 98.2/212/-70 152.2/213/-71 200.2/214/-71.7 251.2/216/-73 272.2/225/-73	272.2	A-808	80 5 15	**0-176.5m, Lower Kombolgie Formation** 0-11.0m, weathered overburden and sand 11.0-18.0m, fine sandstone, mild clay altered and bleached 18.0-24.0m, fine sandstone, hem and clay altered 24.0-32.5m, fine sandstone, hem and lim altered 32.5-44.1m, fine sandstone, silicified, hem-clay altered, some stylolites 44.1-53.9m, fine sandstone, silicified, hem-clay-lim altered, stylolites, bleaching 53.9-68.0m, fine medium sandstone, str silicified, stylolites, hem-cy-lim alt 68.0-74.1m, fine medium sandstone, silicified, stylolites, hem-lim alt, bleaching 74.1-76.5m, fine sandstone, silicified, mild chl-alt, common stylolites 76.5-89.3m, fine sandstone, silicified, str jointing/fractures, some qtz flooding 89.3-98.1m, fine sandstone, silicified, hem-lim altered 98.1-103.7m, fine sandtone, silicified, mod broken, lim alt, bleaching 103.7-112.0m, med coarse pebbly sst, str broken, some tectonic bx, silicified 112.0-121.3m, med coarse sandstone, mod broken, stylolites, bleaching 121.3-126.0m, med coarse sandstone, str broken, silicified, hem-lim alt 126.0-130.9m, coarse pebbly sst, mod broken, silicified, bleaching 130.9-140.6m, coarse pebbly sst, mod hem alt, common stylolites 140.6-143.6m, coarse pebbly sst, chl alt, mnr solution bx *143.6-145.3m, aphanitic dolerite, str chl alt, common breccias* 145.3-154.3m, med coarse pebbly sst, chl alt, common solution bx, stylolites 154.3-157.8m, coarse pebbly sst, chl-hem alt, stylolites, solution bx with some dolerite clasts *157.8-161.0m, chl alt dolerite, brecciated, bx contain aphanitic dolerite and rare chl-alt sandstone clasts* 161.0-162.7m, coarse pebbly sst, hem-chl alt, rare solution bx *162.7-165.8m, str chl-ill altered dolerite, common bx, spotted after ?feldspars* 165.8-168.0m, coarse pebbly sst, mod chl alt, stylolites, narrow dol intrusion	Not anomalous

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-12 continued								168.0-171.1m, coarse pebbly sst, mod hem alt, common chl and siderite veins, basement rip-up clasts 171.1-176.5m, med coarse sst, rare pebbles, mod chl-hem alt, basement rip-up clasts, chl, siderite and specular hematite veinlets **176.5m, UNCONFORMITY** **176.5-272.2m, upper arkosic unit, Lower Cahill Formation** 176.5-177.4m, mod hem alt and brecciated meta-arkose, narrow chl flt gouge 177.4-178.4m, mod hem alt meta-arkose, some folded qtz segregates 178.4-178.8m, chl-hem alt breccia, meta-arkose and qtz clasts 178.8-181.6m, mod hem alt meta-arkose, some folded qtz segregates 181.6-182.2m, str broken qtz segregates and meta-arkose, hem-ill alt 182.2-184.1m, mod-str hem-ill-chl alt zone of mobilisates, meta-arkose and bx, minor quartz removal in brecciated zones 184.1-187.3m, hem alt meta-arkose with narrow qtz-mica schist interbeds 187.3-190.4m, ill-hem alt amphibolite, distorted, some mobilisates, chl veinlets 190.4-191.0m, hem alt quartz mica schist 191.0-194.2m, ill alt amphibolite, common mobilisates, some chl veinlets 194.2-198.5m, interbedded meta-arkose and mica schist, mnr isoclinal folding 198.5-203.7m, ill-alt amphibolite, some spotting after ?garnets, narrow interbeds of isoclinally folded qtz-mica schist and meta-arkose 203.7-209.3m, qtz-mica schist, mild ill-chl alt, scattered tourmaline, mnr folding *209.3-210.0m, chl alt dolerite, partially brecciated* 210.0-218.9m, folded qtz-mica schist, mnr meta-arkose, common segregates 218.9-222.6m, interbedded meta-arkose and qtz-mica-(gn) schist, tourmaline 222.6-224.5m, chl alt amphibolite, patchy ill alt, rare pyrite, num qtz veinlets 224.5-226.9m, qtz-mica-(graphite) schist, narrow meta-arkose, mobilisates 226.9-230.2m, chl-alt amphibolite with narrow qtz-mica schist interbeds 230.2-235.0m, qtz-mica-gn schist, common meta-arkose interbeds, mnr kink banding and chevron micro-folds, some pegmatite/mobilisates 235.0-239.2m, folded qtz-mica schist, common mobilisates, tourmaline 239.2-246.3m, interbedded qtz-mica-gn schist and meta-arkose, common	

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-12 continued								mobilisates, mnr kink banding, tourmaline 246.3-250.7m, mod broken and folded qtz-mica-gn schist, narrow chl bx 250.7-266.1m, interbedded meta-arkose and qtz-mica-gn schist, common mobilisates, tourmaline, rare pyrite 266.1-267.2m, chl-alt amphibolite with common unaltered garnets, rare pyrite 267.2-272.2m, qtz-mica-gn schist, common meta-arkose, common mobilisates, scattered tourmaline, mnr kink banding and chevron micro-folding **272.2m, END OF HOLE**	
ERL 151 **N147-13**	319051 8637051 70	23-Aug-00 29-Aug-00	NQ2	0/210/-70 53.3/210/-74.5	~146.9	A-808	73 5 10	**0-146.9m, Lower Kombolgie Formation** 0-11.0m, fine sand and weathered sandstone clasts 11.0-18.0m, fine sandstone, hematite and clay altered 18.0-46.0m, fine sandstone, silicified, mnr hematite and limonite 46.0-61.4m, fine sandstone, silicified, mod broken, bleached 61.4-67.5m, fine sandstone, mnr silicification, hem-clay altered, str broken 67.5-83.7m, fine sandstone, mod broken, hem-clay-lim altered, some stylolites 83.7-89.3m, fine medium sst, silicified, hem-clay-lim altered 89.3-95.3m, fine sandstone, mnr silicification, clay-lim altered, str broken 95.3-99.9m, medium coarse sst, mod clay-lim altered, mild qtz dissolution 99.9-101.1m, fine sand with str clay altered sandstone clasts 101.1-107.1m, fine medium sst, mod clay altered, narrow fault gouge 107.1-107.7m, str kaolinite altered sst within ?fault gouge 107.7-112.2m, fine medium sst, patchy clay-hem-chl alt, numerous stylolites 112.2-117.1m, fine coarse pebbly sst, str broken, clay-hem alt, some drusy qtz 117.1-120.3m, med coarse pebbly sst, str hem-clay alt, stylolites, rare breccia 120.3-122.0m, coarse pebbly sst, str chl altered, quartz dissolution 122.0-133.3m, med coarse pebbly sst, patchy alt, some breccias, qtz removal 133.3-142.6m, med coarse pebbly sst, num breccias and stylolites, str chl alt, mild qtz dissolution, lim along fracture planes *142.6-143.5m, lim-hem dolerite breccia and chl alt dol, hem alt sst clasts*	Not anomalous

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-13 continued								143.5-146.5m, med coarse pebbly sst, str chl alt, chl-sst breccias containing angular chl-altered dolerite clasts *146.5-146.9m, str chl alt dolerite* **~146.9m, UNCONFORMITY** **146.9-266.3m, upper arkosic unit, Lower Cahill Formation** 146.9-147.5m, qtz-mica schist, mod chl altered, patchy lim-hem alt 147.5-157.0m, qtz-mica schist, mobilisates, mod hem alt, rare tourmaline/garnet 157.0-158.8m, brecciated qtz-mica schist and mobilisates, hem-chl altered 158.8-160.0m, qtz-garnet-mica schist, hem alt, thin mobilisates 160.0-167.1m, folded and brecciated qtz-mica schist, meta-arkose and amphibolite, common mobilisates, narrow garnet-rich schists 167.1-170.2m, chl-hem-ill altered amphibolite 170.2-174.2m, qtz-mica-(graphite) schist, mod chl-ill alt, some mobilisates 174.2-176.3m, qtz-rich meta-arkose, folded, num specular hem and siderite veins, mod hematite altered 176.3-177.2m, str hem alt ?meta-arkose, brecciated, num qtz-siderite veinlets 177.2-182.5m, distorted, microfolded qtz-mica schist, patchy alteration 182.5-188.5m, qtz-mica schist and meta-arkose, folded and brecciated, mod chlorite altered, mild qtz removal, some mobilisates 188.5-194.1m, qtz-garnet-mica schist, mod chl alt, mobilisates 194.1-205.8m, mod chl alt amphibolite, scattered pyrite, some drusy quartz cavities, numerous qtz veinlets 205.8-209.7m, qtz-garnet-mica schist and meta-arkose, mnr folding, tourmaline 209.7-214.9m, qtz-garnet-mica-(graphite) schist, common mobilisates, minor folding, rare pyrite, scattered tourmaline 214.9-216.3m, qtz-mica schist, mod chl alt, some mobilisates *216.3-216.4m, chl alt dolerite intrusion, cross-cutting foliation* 216.4-228.4m, interbedded qtz-mica-garnet schist and meta-arkose, common mobilisates, scattered tourmaline 228.4-234.8m, folded qtz-mica schist, some meta-arkose, common mobilisates 234.8-243.4m, qtz-mica-garnet-(graphite) schist, some meta-arkose, common	

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-13 continued								mobilisates, scattered tourmaline, rare pyrite 243.4-246.5m, meta-arkose, qtz-garnet-mica schist, narrow fold zones 246.5-250.3m, qtz-mica-garnet schist and meta-arkose, some folding, scattered tourmaline, some mobilisates 250.3-254.9m, meta-arkose, some qtz-garnet-mica schist, some folding 254.9-256.9m, qtz-garnet-mica schist, mobilisates, scattered tourmaline 256.9-261.3m, meta-arkose, narrow zone of folded qtz-mica schist 261.3-265.4m, folded qtz-garnet-mica schist, common mobilisates 265.4-266.3m, chl alt amphibolite, scattered garnets, narrow mobilisates **266.3m, END OF HOLE**	
ERL 151 **N147-14**	318658 8636444 70	29-Aug-00 8-Sep-00	NQ2	0/070/-70 50.5/070/-70.5 101.5/071/-69.5 152.5/074/-68.5 200.5/075/-67.5 224.5/075/-67.5	164.3	A-808	71 6 16	**0-164.3m, Lower Kombolgie Formation** 0-12.5m, weathered overburden and fine sand 12.5-17.5m, fine sandstone, numerous stylolites, bleaching 17.5-36.9m, fine sandstone, silicified, mod broken, clay-lim alt, patchy hem 36.9-43.7m, fine sandstone, silicified, mod broken, stylolites 43.7-68.5m, fine sandstone, silicified, stylolites, bleaching 68.5-73.0m, fine sandstone, silicified, mnr stylolites, lim-hem liesegang rings 73.0-94.5m, fine sandstone, silicified, 'banded' from patchy alteration/bleaching 94.5-105.9m, fine sandstone, silicified, mod-str broken, some healed fractures 105.9-113.5m, medium coarse pebbly sst, 'banded', rare chl around fractures 113.5-117.4m, medium coarse pebbly sst, lim alt, mod fractured, stylolites 117.4-120.0m, medium coarse sandstone, mod-str kaolinite alt, mnr qtz removal 120.0-133.4m, fine medium sst, num stylolites, qtz dissolution, proto-breccias 133.4-137.5m, fine sandstone, str broken, some healed fractures 137.5-146.3m, coarse pebbly sst, proto-bx and rare hydraulic bx, stylolites 146.3-149.8m, coarse pebbly sst, chl hydraulic bx, uncommon stylolites 149.8-152.5m, coarse pebbly sst, mod hem alt, common stylolites 152.5-156.0m, coarse sst, num chl hydraulic/tectonic bx, stylolites *156.0-157.6m, brecciated, str chl alt dolerite with angular sst clasts*	Not anomalous

Tenement Hole ID	AMG (mE,mN,RL)	Date Started, Finished	Core Size	Deviation (Depth/Azi/Dip)	U/C (measured downhole)	Downhole Logging Tool	Samples (PIMA/XRD/ Geochem)	Geological Summary	Max cps/m Total GT
N147-14 continued								157.6-164.3m, coarse pebbly sst, mod ill-chl alt, uncommon chl bx, narrow chl-alt dol intrustion, rare basement rip-up clasts **164.3m, UNCONFORMITY** **164.3-224.5m, upper arkosic unit, Lower Cahill Formation** 164.3-168.8m, folded qtz-mica schist, rare mobilisates, mod hem alt 168.8-170.2m, hem-ill alt garnet-amphibolite, num qtz-mobilisates and breccias 170.2-173.2m, folded qtz-mica schist, mild-mod hem alt, patchy ill alt 173.2-179.7m, qtz-mica schist with narrow meta-arkose interbeds, chl-ill alt 179.7-182.3m, mod ill-alt amphibolite, common chl veinlets 182.3-185.7m, qtz-mica schist, mod ill-chl alt, rare meta-arkose interbeds, rare disseminated tourmaline 185.7-192.0m, folded qtz-mica schist and meta-arkose, common pegmatites and mobilisates, scattered tourmaline, some kink banding 192.0-202.4m, interbedded qtz-mica schist and meta-arkose, pegmatites, h-alt 202.4-205.5m, qtz-mica-gn schist, mobilisates/pegmatites, tourmaline 205.5-206.7m, mod ill-alt amphibolite, mobilisates 206.7-210.6m, meta-arkose with qtz-mica schist interbeds, mobilisates 210.6-217.3m, qtz-mica-gn schist, uncommon meta-arkose, tourmaline 217.3-224.5m, interbedded meta-arkose and qtz-mica-gn schist, mobilisates **224.5m, END OF HOLE**	