

TABLE 2
1999 DIAMOND DRILLING SUMMARY

Afmeco Mining and Exploration, Western Arnhem Land, NT, Australia 1999 Diamond Drilling Summary

| Tenem. Hole ID | G. coord. x y z | Date: started finished | Core size | depth/ strike(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 150 SMLB 01 | 315476.9 8640337.9 73.4 | 21/7/99 29/7/99 | HQ NQ | 0/224/-60 50/228/-63 100/229/-64 150/229/-65 200/228/-66 249/229/-67 300/230/-68½ 350/231/-69½ | 75.2 | A-75 | 74 4 7 | <p>0-75.2m, KOMBOLGIE SANDSTONE</p> <p>0-6.5m, sand and weathered sandstone</p> <p>6.5-17.9m, strongly fractured fine to medium sandstone, friable, clay altered</p> <p>17.9-36.2m, pebbly sandstone, weak silicification and clay alteration</p> <p>36.2-40.4m, coarse to v.coarse sandstone, hematitic to clay altered</p> <p>40.4-66.5m, pebbly sandstone, weak silicification and clay alteration</p> <p>66.5-72.1m, medium/v.coarse sandstone with pebble bands, silicified weak clay and hematitic alteration</p> <p>72.1-75.2m, pebbly sandstone, weak silicification, clay and hematitic alteration with minor chlorite, u/c at 50° to core</p> <p>75.2, UNCONFORMITY</p> <p>75.2-357.5m, amphibolitic unit, LOWER CAHILL FORMATION</p> <p>75.2-79.6m, illitised quartz-mica schist, pyrite throughout, minor breccia</p> <p>79.6-84.6m, qtz-mica-chlorite schist, minor pyrite</p> <p>84.6-97.5m, altered meta-arkose and schist, mod illitic/chloritic alteration</p> <p>97.5-107.1m, altered mica schist with segregate bands, chloritic</p> <p>107.1-110.9m, altered meta-arkose, schist and segregate, chloritic/illitic</p> <p>110.9-120.2m, chloritised amphibolite, quartz veins and pyrite</p> <p>120.2-141.0m, altered quartz-mica schist and meta-arkose with segregate bands, moderate chloritic alteration, pyrite in part, weak albite and clay</p> <p>141.0-148.8m, altered amphibolite, mod chloritic/illitic alteration, minor py</p> <p>148.8-151.9m, altered quartz-mica schist and meta-arkose with segregate bands, chloritic and clay alteration, minor vuggy quartz veins</p> <p>151.9-153.5m, quartz-biotite schist with minor quartz breccia</p> <p>153.5-157.1m, altered meta-arkose and mica schist, mod chloritic alternatn</p> <p>minor unaltered quartz-biotite schist</p> <p>157.1-161.4m, altered meta-arkose, amphibolite and schist, mod chlor alt</p> <p>161.4-176.4m, altered meta-arkose, mica schist and segregate bands, moderate chloritic and weak illitic alteration, minor pyrite</p> <p>176.4-179.8m, sheared/brecciated meta-arkose and schist, mod chloritic alteration, minor pyrite</p> <p>179.8-181.4m, sheared st. altered meta-arkose and chlorite rock, pyritic</p> <p>181.4-183.0m, silicified fault zone, chlorite/clay fractures, minor pyrite</p> <p>183.0-188.3m, altered meta-arkose with segregate bands, mod chloritic alteration, minor siliceous fault zone</p> <p>188.3-191.0m, silicified fault zone/quartz breccia</p> | <p>Auslog 200 c/s</p> <p>Auslog 158 c/s</p> <p>Auslog 240 c/s</p> <p>Auslog 170 c/s</p> <p>Auslog 520 c/s</p> <p>Auslog 365 c/s</p> |

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| ERL 150 SMLB 01 (contd) | | | | | | | | 191.0-196.8m, strongly chloritised micaschist and meta-arkose, sheared & folded, partial quartz removal 196.8-199.0m, altered meta-arkose and segregate bands, mod chloritic alt 199.0-204.4m, chloritised amphibolite, quartz veins, minor pyrite 204.4-205.2m, altered pegmatite 205.2-212.4m, altered meta-arkose and schist, mod chloritic and wk illitic alteration, some segregate bands 212.4-213.9m, chloritised amphibolite 213.9-220.9m, altered meta-arkose and schist with segregate bands, min amphibolite at bottom, mod chloritic and weak illitic alteration 220.9-231.5m, altered mica schist and meta-arkose, mod chloritic and wk illitic alteration, some segregate bands and quartz veins, folded at top 231.5-241.3m, chloritised amphibolite with some minor interbedded schist, many quartz veins, pyrite in part 241.3-249.6m, mica schist (garnet at top) and meta-arkose, weakly altered 249.6-258.5m, amphibolite, garnet-rich zone at top with schist bands, fresh 258.5-267.1m, quartz-mica schist, meta-arkose and segregate bands 267.1-290.3m, amphibolite, minor schist and segregate bands, fresh 290.3-298.5m, quart-mica schist and segregate bands, folded at base 298.5-304.7m, biotitic amphibolite (calc-silicate), thin segregate bands 304.7-317.7m, garnet-mica schist and meta arkose, thin segregate bands 317.7-330.7m, -as above-, strongly folded in part, weak illitic alteration 330.7-335.1m, calc-silicate, biotite and garnet-rich amphibolite, folded 335.1-348.4m, garnet-mica schist and meta-arkose, segregate bands and minor pegmatite veins with tourmaline 348.4-351.0m, altered meta-arkose and garnet-mica schist, mod illitic alt 351.0-357.5m, meat-arkose and garnet-mica schist, segregate bands | Auslog 160 c/s |
| ERL 150 SMLB 02 | 315383.0 8640382.5 73.9 | 29/7/99 1/8/99 | RC 5.7 HQ 14.8 NQ | 0/221/-60 51.4/220/-59 99/223/-58½ 150/224/-60½ 199/224/-61 250/224/-62 | 80.9 | A-75 | 58 8 4 | 0-80.9m, KOMBOLGIE SANDSTONE 0-9.0m, weathered pebbly sandstone 9.0-16.7m, silicified fine to v.coarse sandstone, weakly hematitic 16.7-25.3m, silicified fine to v.coarse sandstone, brecciated, bleached 25.3-36.8m, silicified pebbly sandstone, hematitic to clayey alteration 36.8-40.9m, silicified altered pebbly sandstone, limonitic/clayey alteration 40.9-49.4m, silicified hematitic/clayey gravelly sandstone, minor pebbles 49.4-67.3m, silicified pebbly sandstone, weakly hematitic to clayey 67.3-75.1m, silicified gravelly sandstone, clayey fractures, weakly hematitic 75.1-77.4m, altered gravelly sandstone, zone of strong clay alteration | |

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| ERL 150 SMLB 02 (contd) | | | | | | | | <p>77.4-80.9m, altered pebbly sandstone, clayey to hematitic alteration</p> <p>80.9m, UNCONFORMITY</p> <p>80.9-274.1m, amphibolitic unit, LOWER CAHILL FORMATION</p> <p>80.9-81.9m, brecciated quartz-illite rock, pyritic at bottom, mineralised</p> <p>81.9-83.3m, sericite/illite rock, pyritic</p> <p>83.3-85.2m, sericite/illite schist, pyritic</p> <p>85.2-86.8m, sericitic meta-arkose, minor pyrite</p> <p>86.8-89.6m, sericitic quartzite, pyritic</p> <p>89.6-95.0m, sericitic micaceous quartzite, minor pyrite</p> <p>95.0-104.8m, sericitic micaceous meta-arkose, altered segregate & schist</p> <p>104.8-107.1m, silicified brecciated micaceous meta-arkose and schist</p> <p>107.1-117.2m, sericitic micaceous meta-arkose, segregate and schist</p> <p>117.2-120.0m, sheared/brecciated altered meta-arkose and schist, minor veins/zones of siliceous cataclasis</p> <p>120.0-123.0m, sericitic micaceous meta-arkose and schist</p> <p>123.0-128.3m, silicified sericitic meta-arkose, sheared/brecciated</p> <p>128.3-132.9m, sheared biotite schist and meta-arkose, brecciated in part</p> <p>132.9-142.5m, biotite-quartz schist and altered meta-arkose</p> <p>142.5-145.7m, altered meta-arkose and schist, sheared, minor graphite</p> <p>145.7-150.2m, sheared altered micaceous meta-arkose, schist and segregate zones, patchy silicification, minor pyrite</p> <p>150.2-153.2m, altered biotite schist</p> <p>153.2-157.7m, sheared/brecciated biotite schist, meta-arkose & segregate</p> <p>157.7-162.1m, sheared altered micaceous meta-arkose and schist</p> <p>162.1-171.7m, strongly altered amphibolite, pyritic in part, shear contacts</p> <p>171.7-173.7m, fault zone, sheared schist and meta-arkose, minor pyrite</p> <p>173.7-177.1m, fault zone, strongly altered and sheared mica schist and amphibolite, brecciated in part</p> <p>177.1-181.4m, strongly altered, sheared amphibolite, pyritic, mineralised</p> <p>181.4-182.8m, altered meta-arkose, pyritic in part</p> <p>182.8-187.5m, strongly altered schist and meta-arkose, minor pyrite</p> <p>187.5-189.3m, altered schist and meta-arkose, minor pyrite</p> <p>189.3-195.5m, strongly altered amphibolite</p> <p>195.5-199.9m, altered meta-arkose and schist, sparse graphite</p> <p>199.9-206.3m, strongly altered amphibolite with minor meta-arkose</p> <p>206.3-217.3m, altered meta-arkose, minor schist, brecciated in part</p> | <p>Auslog 800 c/s</p> <p>Auslog 1000c/s</p> |

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|-------------------|-------------------------------|------------------------------|------------------|---|-----------------------|-----------------------------|---------------------------------|--|---|
| ERL 151 N147-1 | 318160.9 8636690.9 72.9 | 16/8/99 20/8/99 | RC 40.5 NQ | 0/269/-80 100/274/-78 150/276/-78 200/279/-78½ 250/282/-78½ | 192.5 | A-75 | 68 6 15 | <p>0-192.5m, KOMBOLGIE SANDSTONE</p> <p>0-12m, sand and clays</p> <p>12-29m, weakly altered fine to medium sandstone, weak clay</p> <p>29-40.5m, wkly altered fine to medium sandstone, wkly limonitic/hematitic</p> <p>40.5-67.3m, weakly hematitic fine to medium sst, weakly silicified</p> <p>67.3-76.4, silicified fine to medium sandstone, patchy hematitic alteration</p> <p>76.4-102.6, wkly silicified medium sandstone, patchy hematitic/clayey alt</p> <p>102.6-111.2m, weakly altered pebbly sandstone, silicified/hematitic/clayey</p> <p>111.2-113.9m, illitic medium to v.coarse sst,</p> <p>113.9-121.5m, weakly silicified medium/v.coarse sst, min clayey/hematitic</p> <p>121.5-126.1m, hematitic medium to coarse sandstone, weakly silicified</p> <p>126.1-140.0m, silicified medium to v.coarse sandstone, hematitic in part</p> <p>140.0-141.7m, hematitic pebbly sandstone, weakly silicified</p> <p>141.7-143.4m, silicified v.coarse sandstone, weakly hematitic</p> <p>143.4-167.5m, weakly silicified to hematitic pebbly sst, patchy clay alt</p> <p>167.5-176.3m, weakly hematitic to clayey pebbly sst, patchy silicification</p> <p>176.3-180.8m, chloritised pebbly sandstone, patchy silicified to clayey</p> <p>180.8-186.7m, hematitic fractured pebbly sandstone, patchy chloritic/clay</p> <p>186.7-191.7m, chloritised brecciated pebbly sandstone, weakly hematitic</p> <p>191.7-192.5m, hematite-chlorite rock , some remnant sst</p> <p>192.5m, UNCONFORMITY</p> <p>192.5-270.6m, ?lower arkosic unit, LOWER CAHILL FORMATION</p> <p>192.5-195.6m, hematitic quartz-mica schist</p> <p>195.6-198.7m, hematitic meta-arkose with minor mica schist bands</p> <p>198.7-202.5m, hematitic mica schist and meta-arkose, patchy chloritic alt</p> <p>202.5-205.2m, weakly altered meta-arkose, hematitic to clayey</p> <p>205.2-208.6m, weakly altered mica schist, hematitic to clayey</p> <p>208.6-213.5m, -as above-, patchy chloritic alt, minor tourmaline</p> <p>213.5-219.0m, altered mica schist and meta-arkose, chloritic to hematitic, minor zones of strong alteration with qtz removal</p> <p>219.0-221.2m, altered meta-arkose, wkly hematitic to clayey, min chlorite</p> <p>221.2-224.5m, wkly altered mica schist and meta-arkose, chloritic/clayey</p> <p>224.5-239.2m, weakly altered garnet mica schist , meta-arkose & segregate bands, chloritic/clayey alteration, minor pyrite and tourmaline</p> <p>239.2-270.6m, weakly altered mica schist and meta arkose, min segregate bands, minor tourmaline and pyrite</p> | Not anomalous |

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|-------------------|-------------------------------|------------------------------|----------------|--|-----------------------|-----------------------------|---------------------------------|--|---|
| ERL 151 N147-2 | 317934.1 8636591.8 72.9 | 20/8/99 24/8/99 | RC 42 NQ | 0/270/-80 50/274/-78½ 100/290/-77 150/290/-77 200/292/-77 249.7/295/-77 | 175.4 | A-75 | 60 5 14 | <p>0-175.4m, KOMBOLGIE SANDSTONE</p> <p>0-4m, sand, ?alluvium</p> <p>4-42m, weakly hematitic fine to medium sandstone</p> <p>42-47.7m, silicified fine to coarse sandstone, weakly hematitic to limonitic</p> <p>47.7-54.1m, fractured fine to coarse sandstone, wkly silicified to hematitic</p> <p>54.1-63.6m, silicified hematitic fine to coarse sandstone</p> <p>63.6-69.5m, silicified fine to coarse sandstone, bleached to hematitic</p> <p>69.5-90.0m, silicified fine to coarse sandstone, hematitic, patchy bleaching</p> <p>90.0-97.1m, fractured fine to coarse sandstone, bleached to hematitic</p> <p>97.1-104.0m, silicified hematitic fine to v.coarse sandstone, coarser base</p> <p>104.0-108.1m, hematitic pebbly sandstone, silicified to clayey</p> <p>108.1-113.2m, silicified bleached pebbly sandstone</p> <p>113.2-123.4m, silicified fine to very coarse sandstone, hematitic / bleached</p> <p>123.4-126.7m, fractured bleached to limonitic fine to coarse sandstone</p> <p>126.7-130.4m, silicified fine to v.coarse sandstone, hematitic to bleached</p> <p>130.4-133.0m, fractured fine to coarse sandstone, silicified to hematitic</p> <p>133.0-140.2m, silicified fine to v.coarse sandstone, hematitic to limonitic</p> <p>140.2-154.6m, silicified pebbly sandstone, hematitic to limonitic</p> <p>154.6-160.3m, fractured silicified pebbly sandstone, limonitic to hematitic</p> <p>160.3-163.2m, hematite-chlorite rock, brecciated in part, ?basalt in part</p> <p>163.2-168.0m, silicified chloritised v.coarse to pebbly sst, minor breccia</p> <p>168.0-170.5m, silicified chloritised fine to coarse sst, some chlorite breccia</p> <p>170.5-172.4m, silicified pebbly sandstone, some chlorite rock</p> <p>172.4-175.4m, chlorite rock, brecciated</p> <p>175.4m, UNCONFORMITY</p> <p>175.4-269.3m, ?lower arkosic unit, LOWER CAHILL FORMATION</p> <p>175.4-176.8m, strongly hematitic mica schist, quartz removed</p> <p>176.8-180.5m, hematitic micaceous meta-arkose and schist</p> <p>180.5-184.4m, strongly altered mica schist, quartz removed</p> <p>184.4-197.2m, hematitic meta-arkose and chlorite-mica schist</p> <p>197.2-219.6m, altered meta-arkose and mica schist, hematitic to chloritic</p> <p>219.6-264.8m, altered meta arkose and schist, chloritic/sericitic alteration, minor tourmaline throughout</p> <p>264.8-269.3m, chlorite-mica (biotite) schist and meta-arkose</p> | Not anomalous |

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| ERL 151 N147-3 | 318190.1 8636029.9 77.7 | 25/8/99 29/8/99 | RC 9.8 NQ | 0/271/-80 51/261/-81 99/264/-82 150/258/-81½ 202/266/-81 | 141.5 | A-75 | 60 6 13 | <p>0-141.5m, KOMBOLGIE SANDSTONE</p> <p>0-9.8m, sand and weathered sandstone, no sample recovered</p> <p>9.8-37.5m, silicified medium to coarse sandstone, bleached to limonitic</p> <p>37.5-41.3m, strongly silicified medium to coarse sst, wk hematitic/limonitic</p> <p>41.3-54.0m, silicified medium to coarse sandstone, bleached to hematitic</p> <p>54.0-81.9m, strongly silicified medium to coarse sst, hematitic to bleached</p> <p>81.9-87.3m, strongly silicified and hematitic medium to coarse sandstone</p> <p>87.3-88.0m, chlorite-hematite rock, possibly a strongly altered dyke</p> <p>88.0-89.8m, strongly silicified and hematitic medium to coarse sandstone</p> <p>89.8-98.3m, silicified to hematitic medium to coarse sandstone</p> <p>98.3-106.5m, altered pebbly sandstone, weakly hematitic to clayey</p> <p>106.5-108.7m, strongly fractured pebbly sst, limonitic to clayey</p> <p>108.7-115.3m, hematitic pebbly sandstone, weakly silicified</p> <p>115.3-115.6m, chlorite-hematite rock, possibly basic intrusive</p> <p>115.6-119.0m, hematitic medium to coarse sandstone, weakly silicified</p> <p>119.0-125.7m, hematitic pebbly sst, many vuggy qtz veins, breccia in part</p> <p>125.7-125.9m, chlorite-hematite rock, possibly basic intrusive</p> <p>125.9-133.0m, hematitic pebbly sandstone, some vuggy qtz veins</p> <p>133.0-141.5m, brecciated pebbly sst, chloritic to hematitic</p> <p>141.5m, UNCONFORMITY</p> <p>141.5-216.5m, ?lower arkosic unit, LOWER CAHILL FORMATION</p> <p>141.5-144.6m, strongly hematitic meta-arkose and mica schist</p> <p>144.6-151.0m, hematitic meta-arkose</p> <p>151.0-157.7m, altered meta-arkose and mica schist, chloritic to hematitic</p> <p>157.7-159.4m, strongly chloritised amphibolite</p> <p>159.4-202.5m, chlorite-mica schist and altered meta-arkose w segregate veins and zones, minor tourmaline</p> <p>202.5-208.0m, strongly fractured altered meta-arkose and chlorite-mica schist, some minor vuggy qtz veins</p> <p>208.0-216.5m, chlorite-biotite schist and meta-arkose with minor segregates</p> | Not anomalous |

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| ERL 151 N147-4 | 318881.3 8636668.1 75.5 | 30/8/99 2/9/99 | RC 5.6 NQ | 0/268/-80 50/265/-80 100/268/-80 150/270/-80 202/283/-82 150/300/-82½ | 166.3 | A75 | 61 6 17 | <p>0-166.3m, KOMBOLGIE SANDSTONE</p> <p>0-5.6m, sand and weathered sandstone, no sample recovered</p> <p>5.6-16.2m, weakly altered medium to coarse sst, silicified to hematitic</p> <p>16.2-23.8m, bleached medium to coarse sst, hematitic to silicified</p> <p>23.8-30.0m, strongly silicified brecciated medium to coarse sst, hematitic</p> <p>30.0-51.0m, silicified medium to coarse sst, limonitic to hematitic</p> <p>51.0-58.0m, strongly silicified medium to coarse sandstone, hematitic</p> <p>58.0-66.6m, strongly silicified medium to coarse sst, hematitic to limonitic</p> <p>66.6-93.1m, strongly silicified medium to coarse sst, hematitic</p> <p>93.1-98.0m, strongly hematitic medium to coarse sst, silicified</p> <p>98.0-103.5m, hematitic pebbly sandstone, weakly silicified</p> <p>103.5-104.6m, strongly chloritised pebbly sandstone</p> <p>104.6-118.0m, silicified coarse sandstone, weakly chloritic/hematitic</p> <p>118.0-126.0m, brecciated silicified coarse sst, chloritic to hematitic</p> <p>126.0-131.4m, silicified pebbly sst, hematitic to chloritic</p> <p>131.4-138.5m, strongly silicified pebbly sst, hematitic, chloritic fractures</p> <p>138.5-157.0m, brecciated silicified pebbly sst, chloritic breccias</p> <p>157.0-160.5m, silicified hematitic pebbly sst, some chloritic breccias</p> <p>160.5-166.3m, altered pebbly sst, chloritic to hematitic, patchy clay alt</p> <p>166.3m, UNCONFORMITY</p> <p>166.3-276.6m, lower arkosic unit, LOWER CAHILL FORMATION</p> <p>166.3-205.5m, altered meta-arkose and mica schist with some segregate veins and bands, weak to moderate chloritic to hematitic alteration</p> <p>205.5-209.4m, chloritised meta-arkose and chlorite-mica schist, silicified in part, minor tourmaline</p> <p>209.4-233.4m, altered meta-arkose and chlorite-mica schist, wkly chloritic to sericitic, minor tourmaline</p> <p>233.4-234.1m, strongly chloritised amphibolite</p> <p>234.1-244.5m, graphitic chlorite-garnet-mica schist with segregate zones</p> <p>244.5-246.6m, chloritised amphibolite</p> <p>246.6-255.8m, graphitic chlorite-mica schist and altered meta-arkose</p> <p>255.8-276.6m, chlorite-mica schist and altered meta-arkose w segregate</p> | Not anomalous |

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|-------------------|-------------------------|---------------------------|------------------|---|-----------------------|-----------------------------|---------------------------------|---|---|
| ERL 151 N147-5 | 319495 8637160 68 | 3/9/99 4/9/99 | RC 36.8 NQ | 0/269/-80 50/261/-83 100/?/-83 150/295/-85 | 106.1 | A-75 | 46 4 8 | <p>0-106.1m, KOMBOLGIE SANDSTONE 0-5.5m, laterised alluvium 5.5-8.0m, weathered sandstone 8.0-36.8m, bleached sandstone 36.8-47.0m, strongly fractured silicified medium to coarse sandstone 47.0-63.5m, strongly silicified medium to coarse sandstone, hematitic 63.5-79.8m, altered pebbly sandstone, wk silicification, hematitic/limonitic 79.8-86.0m, strongly silicified medium to coarse sandstone, hematitic 86.0-99.0m, fault zone, brecciated sst with zones of clay, weakly hematitic 99.0-106.1m, silicified pebbly sandstone, clay and hematitic alteration</p> <p>106.1m, UNCONFORMITY</p> <p>106.1-171.5m, lower arkosic unit – LOWER CAHILL FORMATION 106.1-110.8m, hematitic meta-arkose and schist 110.8-112.5m, strongly hematitic meta-arkose, no quartz remains 112.5-117.4m, hematitic meta-arkose and schist with segregate zones 117.4-122.0m, altered schist and meta-arkose, hematitic/chloritic 122.0-123.3m, strongly hematitic amphibolite, chloritic in part 123.3-132.3m, altered schist, meta-arkose and segregate bands, chloritic 132.3-136.6m, strongly chloritic amphibolite, minor pyrite 136.6-145.2m, chloritised schist, meta-arkose and segregate bands 145.2-150.5m strongly chloritic amphibolite and minor schist 150.5-167.3m, chloritised schist, meta-arkose and segregate bands, minor chloritised amphibolite at 159.4m, sparse graphite 167.3-170.0m, strongly chloritic amphibolite 170.0-171.5m, weakly chloritised schist and meta-arkose</p> | Auslog 66 c/s Auslog 45 c/s |
| ERL 151 N147-6 | 319130 8637080 70 | 5/9/99 7/9/99 | RC 38.9 NQ | 0/270/-80 50/261/-83½ 100/266/-84 150/271/-84 200/?/-85 | 135.9 | A-75 | 51 5 10 | <p>0-135.9m, KOMBOLGIE SANDSTONE 0-2.0m, weathered sandstone 2.0-38.9m, silicified hematitic medium to coarse sandstone 38.9-59.0m, strongly silicified hematitic medium to coarse sandstone 59.0-78.0m, strongly silicified bleached to hematitic medium/coarse sst 78.0-87.3m, hematitic pebbly sandstone 87.3-89.7m, silicified pebbly sandstone, hematitic to limonitic 89.7-92.0m, hematitic v.coarse sandstone, silicified in part 92.0-101.6m, silicified medium to v.coarse sandstone, hematitic/ limonitic 101.6-104.2m, altered medium to coarse sandstone, silicified to hematitic</p> | Auslog 130 c/s |

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|------------------------------|--------------------------|------------------------------|--------------|--|-----------------------|-----------------------------|---------------------------------|---|---|
| ERL 151 N147-6 (contd) | | | | | | | | <p>104.2-105.9m, strongly hematitic medium to coarse sandstone</p> <p>105.9-109.8m, strongly silicified medium to coarse sst, clayey to hematitic</p> <p>109.8-111.2m, hematite-chlorite rock, ?basalt, brecciated in part</p> <p>111.2-115.0m, brecciated silicified medium/coarse sst, some chlorite rock</p> <p>115.0-118.5m, silicified pebbly sandstone, hematitic to chloritic</p> <p>118.5-129.0m, brecciated silicified pebbly sandstone, chloritic to hematitic</p> <p>129.0-135.9m, silicified gravely to pebbly sandstone, chloritic to hematitic</p> <p>135.9m, UNCONFORMITY</p> <p>135.9-200.4m, ?lower arkosic unit – LOWER CAHILL FORMATION</p> <p>135.9-138.8m, strongly hematitic micaceous meta-arkose and schist</p> <p>138.8-144.0m, hematitic meta-arkose and hematite-mica schist</p> <p>144.0-147.0m, strongly altered meta-arkose, hematitic to chloritic</p> <p>147.0-156.4m, altered meta-arkose and schist, hematitic to chloritic</p> <p>156.4-160.4m, -as above-, some ?sillimanite</p> <p>160.4-165.6m, altered schist and meta-arkose, minor tourmaline, chloritic</p> <p>165.6-166.0m, hematitic shear zone, brecciated</p> <p>166.0-199.5m, chloritised micaceous meta-arkose and schist</p> <p>199.5-200.4m, chloritised garnet-mica schist</p> | Auslog 95 c/s |
| ERL 151 N147-7 | 319045 8636425 70 | 7/9/99 10/9/99 | NQ | 0/263/-80 50/259/-79 100/264/-77½ 150/266/-76½ 200/278/-77 230/280/-77½ | 161.4 | A-75 | 98 6 16 | <p>0-161.4m, KOMBOLGIE SANDSTONE</p> <p>0-13.7m, weathered fine sandstone, friable to fractured</p> <p>13.7-31.6m, silicified fine sandstone, weakly hematitic</p> <p>31.6-43.0m, weakly altered fine sandstone, silicified/hematitic/clayey</p> <p>43.0-58.5m, silicified fine sandstone, weakly hematitic</p> <p>58.5-62.5m, -as above-, mod/strong silicification</p> <p>62.5-68.0m, weakly altered fine/coarse sandstone, hematitic to silicified</p> <p>68.0-78.4m, altered fine/coarse sandstone, silicified to hematitic, banded</p> <p>78.4-82.4m, altered v.coarse sandstone, silicified to hematitic</p> <p>82.4-90.6m, altered gravely to pebbly sandstone, hematitic to silicified</p> <p>90.6-110.0m, hematitic fine to v.coarse sandstone, weakly silicified</p> <p>110.0-119.9m, hematitic pebbly sandstone, weakly silicified</p> <p>119.9-126.6m, hematitic to silicified pebbly sandstone</p> <p>126.6-129.0m, brecciated pebbly sandstone, some chloritie</p> <p>129.0-142.3m, chloritised pebbly sandstone, some breccias</p> <p>142.3-145.4m, altered pebbly sandstone, weakly hematitic to chloritic</p> <p>145.4-155.8m, chloritised pebbly sandstone, some breccias</p> | |

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|-------------------|--------------------------|------------------------------|--------------|---|-----------------------|-----------------------------|---------------------------------|---|---|
| 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 | <p>0-178.6m, KOMBOLGIE SANDSTONE 0-7.9m, silicified medium to coarse sandstone, bleached to hematitic 7.9-16.1m, bleached silicified fine to medium sandstone 16.1-49.6m, silicified 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, silicified 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</p> <p>178.6m, UNCONFORMITY</p> <p>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</p> <p>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</p> <p>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</p> | Not anomalous |

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1999 Diamond Drilling Summary

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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 | <p>0-171.0m, KOMBOLGIE SANDSTONE</p> <p>0-3.8m, weathered medium to coarse sandstone</p> <p>3.8-39.0m, silicified hematitic medium to coarse sandstone</p> <p>39.0-78.8m, strongly silicified hematitic medium to coarse sandstone</p> <p>78.8-82.0m, strongly silicified hematitic v.coarse sandstone</p> <p>82.0-89.1m, silicified banded medium to coarse sandstone, wk hematitic to limonitic alteration, minor chlorite</p> <p>89.1-104.6m, strongly silicified hematitic medium to coarse sandstone</p> <p>104.6-115.5m, altered pebbly sandstone, weakly hematitic to clayey, minor silicification and minor chlorite</p> <p>115.5-144.7m, strongly silicified hematitic medium to coarse sandstone</p> <p>144.7-146.6m, as above, brecciated in part</p> <p>146.6-150.4m, brecciated hematitic pebbly sandstone</p> <p>150.4-151.8m, hematite rock</p> <p>151.8-160.0m, brecciated hematitic/chloritic pebbly sandstone, min zones of silicification, complete replacement by chlorite/hematite in part</p> <p>160.0-166.8m, altered pebbly sandstone, chloritic fractures</p> <p>166.8-171.0m, altered pebbly sandstone, very coarse at bottom</p> <p>171.0m, UNCONFORMITY</p> <p>171.0-266.4m, ?upper arkosic unit – LOWER CAHILL FORMATION</p> <p>171.0-175.5m, brecciated chlorite-hematite rock/schist</p> <p>175.5-178.4m, strongly hematitic schist, weakly chloritic/illitic</p> <p>178.4-184.6m, strongly altered schist, sillimanite at top, hematitic</p> <p>184.6-188.0m, altered garnet schist and sillimanitic meta-arkose, hematitic</p> <p>188.0-191.6m, strongly hematitic sillimanitic meta-arkose</p> <p>191.6-194.0m, altered schist, hematitic to illitic</p> <p>194.0-204.9m, altered sillimanitic meta-arkose & schist, hematitic/chloritic</p> <p>204.9-214.4m, altered sillimanitic meta-arkose and schist, hematitic/illitic</p> <p>214.4-215.4m, hematitic dolerite intrusive, ?sill</p> <p>215.4-219.5m, altered meta-arkose and garnet schist, hematitic/chloritic</p> <p>219.5-242.7m, altered meta-arkose and schist with segregate bands</p> <p>242.7-247.0m, illitic meta-arkose with deformed ?pebbles, sheared</p> <p>247.0-259.0m, altered pebbly meta-arkose with segregate zones, sheared</p> <p>259.0-266.4m, altered quartz schist and meta-arkose, minor pyrite</p> | Not anomalous |

