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**MARATHON**

**PARALANA MINERAL SYSTEM (EL3258)**

**MT GEE DEPOSIT  
URANIUM MINERALISATION SHOWN IN PIRSA DRILL CORE  
ANALYSIS OF MT GEE CORE AFTER 30 YEARS OF STORAGE**

The Mt Gee deposit, containing about 33,200t of uranium oxide, is in the central part of the north-easterly trending Paralana Mineral System located within the 100% Marathon owned South Australian tenement EL3258 (Figure 1). Marathon is currently drilling at Mt Gee and has completed 3 drill holes of a 5 or 6 hole program and assays will be announced as available.

Continuing its search for data on the Mt Gee deposit, Marathon identified haematitic breccia in drill core from two former Mines Department diamond drill holes MGD 047A and MGD 151 drilled in 1976 in the central eastern part of the Mt Gee deposit, as shown in Figure 2.

The core, which has been stored at the PIRSA core library in Adelaide for most of the time since drilling, has never been cut and assayed. Examination revealed extensive intersections of haematitic breccia in the drill core, i.e., 67m in MGD151 (181.35 – 248.00 m depth) and almost 25 m in MGD 047A (144.80 – 169.70 m depth). Marathon has assayed the diamond drill core from these two holes and the assay laboratory (Amdel) analysis returned significant uranium intersections.

**The highest grade intersection was in drill hole MGD 047A, a 21m wide zone of strong uranium mineralisation, between 146m and 167m depth, averaging 0.084% U<sub>3</sub>O<sub>8</sub>. This zone included:**

- **2m @ 0.103% U<sub>3</sub>O<sub>8</sub> (1.03 kg/t U<sub>3</sub>O<sub>8</sub> from 146m-148m depth),**
- **5m @ 0.145% U<sub>3</sub>O<sub>8</sub> (1.45 kg/t U<sub>3</sub>O<sub>8</sub> from 154m – 159m depth),**
- **3m @ 0.103% U<sub>3</sub>O<sub>8</sub> (1.03 kg/t U<sub>3</sub>O<sub>8</sub> from 162m – 165m depth).**

**Drill hole MGD151 intersected a 32m zone of uranium mineralisation between 216m and 248m depth, averaging 0.059% U<sub>3</sub>O<sub>8</sub>. This zones included:**

- **2m @ 0.094% U<sub>3</sub>O<sub>8</sub> (0.94 kg/t U<sub>3</sub>O<sub>8</sub> from 216m – 218m depth),**
- **6m @ 0.079% U<sub>3</sub>O<sub>8</sub> (0.79 kg/t U<sub>3</sub>O<sub>8</sub> from 228m – 234m depth),**
- **2m @ 0.091% U<sub>3</sub>O<sub>8</sub> (0.91 kg/t U<sub>3</sub>O<sub>8</sub> from 238m – 240m depth),**
- **3m @ 0.107% U<sub>3</sub>O<sub>8</sub> (1.07 kg/t U<sub>3</sub>O<sub>8</sub> from 243m – 246m depth).**

Marathon is very pleased with the results as this is additional geological and assay data, which confirms further our mineralisation model and the results of Marathon's exploration, and also that of earlier explorers. The drill core from MGD151 is shown in Figure 3, whereas a detail of haematitic breccia, containing also Cu, polymetallic mineralisation, from MGD 047A in Figure 4.

Assay results for diamond drill holes MGD 047A and MGD 151 are presented in Table 1, and collar locations in Table 2.

*The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves has been compiled by Dr W Bogacz, a full time Executive Director of Marathon Resources Ltd and a Member of the Australian Institute of Geoscientists. Dr Bogacz has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person for the purposes of the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Bogacz consents to the inclusion in the report of these matters based on their information in the form and context in which it appears.*

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**Table 1: Assay Results from Diamond Drill Holes MGD 047A and MGD 151**

Hole	Sample No	From	To	Interval	U <sub>3</sub> O <sub>8</sub> (ppm)	La (ppm)	Cu (ppm)	Fe (%)
<b>MGD 047A</b>	<b>962085</b>	<b>146.0</b>	<b>147.0</b>	<b>1</b>	<b>1120.24</b>	<b>2600</b>	<b>1050</b>	<b>17.00</b>
<b>MGD 047A</b>	<b>962086</b>	<b>147.0</b>	<b>148.0</b>	<b>1</b>	<b>943.36</b>	<b>1850</b>	<b>470</b>	<b>14.80</b>
MGD 047A	962087	148.0	149.0	1	766.48	1950	600	15.20
MGD 047A	962088	149.0	150.0	1	577.81	950	700	13.80
MGD 047A	962089	150.0	151.0	1	306.59	650	380	10.40
MGD 047A	962090	151.0	152.0	1	153.30	460	260	10.40
MGD 047A	962091	152.0	153.0	1	188.67	600	210	11.30
MGD 047A	962092	153.0	154.0	1	648.56	2200	420	13.90
<b>MGD 047A</b>	<b>962093</b>	<b>154.0</b>	<b>155.0</b>	<b>1</b>	<b>1179.20</b>	<b>2800</b>	<b>950</b>	<b>18.50</b>
<b>MGD 047A</b>	<b>962094</b>	<b>155.0</b>	<b>156.0</b>	<b>1</b>	<b>1356.08</b>	<b>3050</b>	<b>950</b>	<b>18.30</b>
<b>MGD 047A</b>	<b>962095</b>	<b>156.0</b>	<b>157.0</b>	<b>1</b>	<b>1650.88</b>	<b>3750</b>	<b>1000</b>	<b>23.00</b>
<b>MGD 047A</b>	<b>962096</b>	<b>157.0</b>	<b>158.0</b>	<b>1</b>	<b>1415.04</b>	<b>3650</b>	<b>1000</b>	<b>23.70</b>
<b>MGD 047A</b>	<b>962097</b>	<b>158.0</b>	<b>159.0</b>	<b>1</b>	<b>1650.88</b>	<b>3600</b>	<b>1150</b>	<b>23.40</b>
MGD 047A	962098	159.0	160.0	1	884.40	1950	650	18.30
MGD 047A	962099	160.0	161.0	1	271.22	550	240	7.61
MGD 047A	962100	161.0	162.0	1	294.80	900	240	10.60
<b>MGD 047A</b>	<b>962101</b>	<b>162.0</b>	<b>163.0</b>	<b>1</b>	<b>1297.12</b>	<b>2800</b>	<b>850</b>	<b>18.40</b>
<b>MGD 047A</b>	<b>962102</b>	<b>163.0</b>	<b>164.0</b>	<b>1</b>	<b>566.02</b>	<b>1050</b>	<b>600</b>	<b>15.20</b>
<b>MGD 047A</b>	<b>962103</b>	<b>164.0</b>	<b>165.0</b>	<b>1</b>	<b>1238.16</b>	<b>2750</b>	<b>1050</b>	<b>21.50</b>
MGD 047A	962104	165.0	166.0	1	283.01	2500	700	18.80
MGD 047A	962105	166.0	167.0	1	825.44	1500	500	11.80
MGD151	962016	182.0	183.0	1	707.52	1450	550	18.70
MGD151	962017	183.0	184.0	1	341.97	1150	270	17.00
MGD151	962018	184.0	185.0	1	271.22	950	450	14.70
MGD151	962019	185.0	186.0	1	206.36	750	250	10.60
MGD151	962020	186.0	187.0	1	224.05	750	185	11.90
MGD151	962021	187.0	188.0	1	141.50	360	50	7.46
MGD151	962022	188.0	189.0	1	194.57	470	130	10.20
MGD151	962023	189.0	190.0	1	389.14	1200	420	12.90
MGD151	962024	190.0	191.0	1	766.48	1800	700	16.50
MGD151	962025	191.0	192.0	1	412.72	1100	270	12.30
MGD151	962026	192.0	193.0	1	507.06	1000	330	14.70
MGD151	962027	193.0	194.0	1	87.26	230	62	8.55
MGD151	962028	194.0	195.0	1	1238.16	2200	600	22.80
MGD151	962029	195.0	196.0	1	707.52	1750	380	16.80
<b>MGD151</b>	<b>962050</b>	<b>216.0</b>	<b>217.0</b>	<b>1</b>	<b>707.52</b>	<b>550</b>	<b>240</b>	<b>8.92</b>
<b>MGD151</b>	<b>962051</b>	<b>217.0</b>	<b>218.0</b>	<b>1</b>	<b>1179.20</b>	<b>320</b>	<b>190</b>	<b>5.76</b>
MGD151	962052	218.0	219.0	1	554.22	430	260	6.75
MGD151	962053	219.0	220.0	1	436.30	360	220	10.70
MGD151	962054	220.0	221.0	1	471.68	650	410	9.62
<b>MGD151</b>	<b>962062</b>	<b>228.0</b>	<b>229.0</b>	<b>1</b>	<b>1415.04</b>	<b>650</b>	<b>600</b>	<b>9.98</b>
<b>MGD151</b>	<b>962063</b>	<b>229.0</b>	<b>230.0</b>	<b>1</b>	<b>318.38</b>	<b>1550</b>	<b>240</b>	<b>12.90</b>
<b>MGD151</b>	<b>962064</b>	<b>230.0</b>	<b>231.0</b>	<b>1</b>	<b>1179.20</b>	<b>1700</b>	<b>500</b>	<b>16.60</b>
<b>MGD151</b>	<b>962065</b>	<b>231.0</b>	<b>232.0</b>	<b>1</b>	<b>212.26</b>	<b>1200</b>	<b>550</b>	<b>14.50</b>
<b>MGD151</b>	<b>962066</b>	<b>232.0</b>	<b>233.0</b>	<b>1</b>	<b>648.56</b>	<b>700</b>	<b>550</b>	<b>8.28</b>
<b>MGD151</b>	<b>962067</b>	<b>233.0</b>	<b>234.0</b>	<b>1</b>	<b>1002.32</b>	<b>650</b>	<b>300</b>	<b>9.54</b>
MGD151	962068	234.0	235.0	1	707.52	290	450	3.72
MGD151	962069	235.0	236.0	1	259.42	800	310	8.89
MGD151	962070	236.0	237.0	1	229.94	1200	310	13.80
MGD151	962071	237.0	238.0	1	153.30	1400	290	16.30
<b>MGD151</b>	<b>962072</b>	<b>238.0</b>	<b>239.0</b>	<b>1</b>	<b>825.44</b>	<b>600</b>	<b>350</b>	<b>7.34</b>
<b>MGD151</b>	<b>962073</b>	<b>239.0</b>	<b>240.0</b>	<b>1</b>	<b>1002.32</b>	<b>800</b>	<b>370</b>	<b>11.40</b>
MGD151	962074	240.0	241.0	1	448.10	850	500	12.50
MGD151	962075	241.0	242.0	1	483.47	600	360	10.00
MGD151	962076	242.0	243.0	1	554.22	850	420	12.70
<b>MGD151</b>	<b>962077</b>	<b>243.0</b>	<b>244.0</b>	<b>1</b>	<b>2004.64</b>	<b>850</b>	<b>330</b>	<b>11.00</b>
<b>MGD151</b>	<b>962078</b>	<b>244.0</b>	<b>245.0</b>	<b>1</b>	<b>448.10</b>	<b>1000</b>	<b>330</b>	<b>14.60</b>
<b>MGD151</b>	<b>962079</b>	<b>245.0</b>	<b>246.0</b>	<b>1</b>	<b>766.48</b>	<b>850</b>	<b>550</b>	<b>12.60</b>
MGD151	962080	246.0	247.0	1	542.43	440	260	13.30
MGD151	962081	247.0	248.0	1	707.52	600	145	16.90

**Table 2: Collar Locations: drill holes MGD 047A and MGD 151**

Hole	MGA Easting	MGA Northing	RL	Mag Brg	Inclination	Depth (m)
MGD047A	340785	6655275	496	0	-90	169.8
MGD151	340917	6654967	479	0	-90	291.55

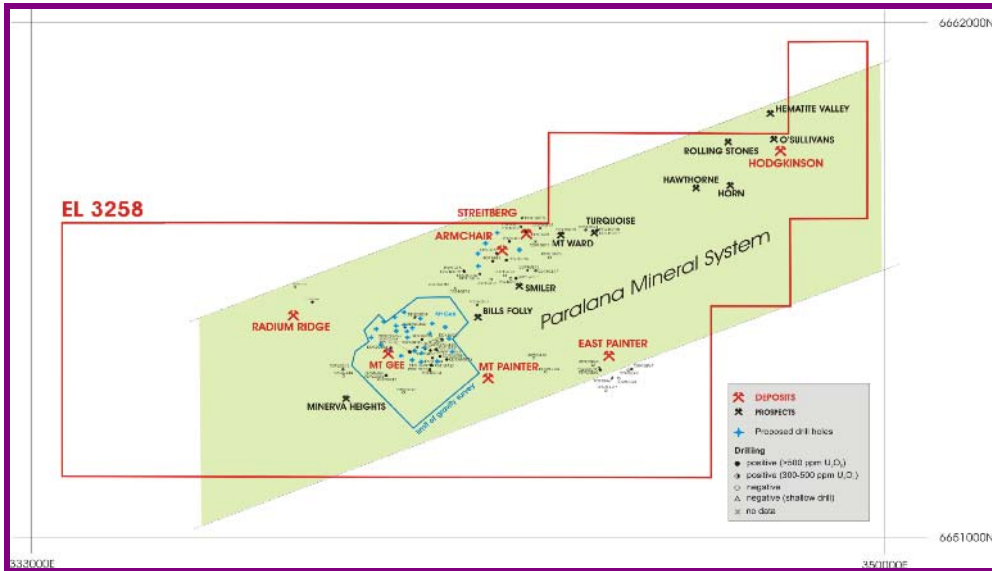


Figure 1: The Paralana Mineral System within EL 3258

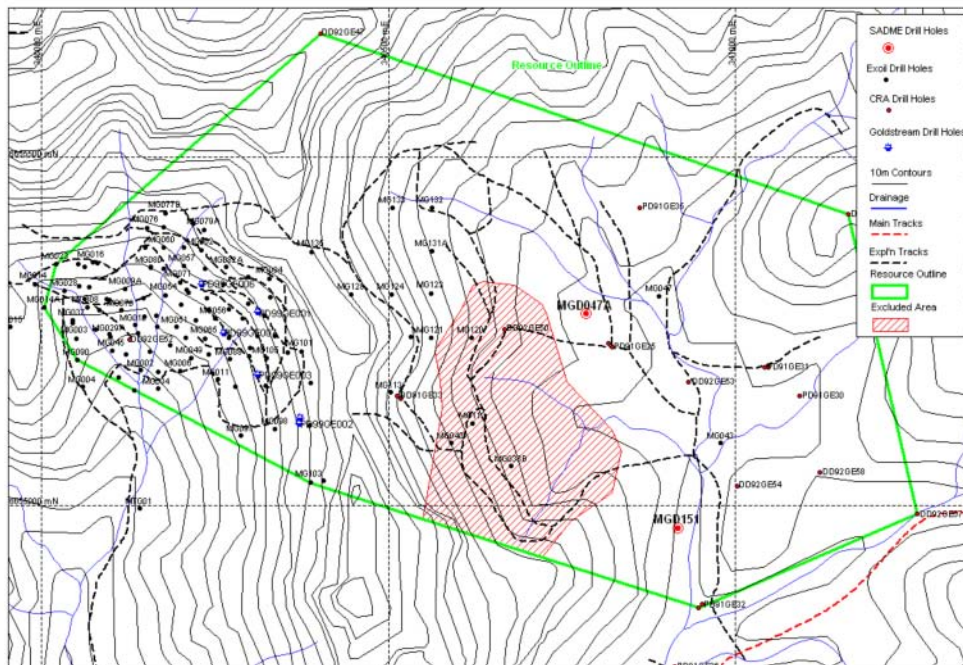


Figure 2: Location of PIRSA drill holes MGD 047A and MGD 151 within the Mt Gee deposit area



Figure 3: Drill core from MGD 151 showing mineralisation



Figure 4: Detail mineralised section of drill core from MGD 047A