



For Immediate Dissemination  
July 6<sup>th</sup>, 2006

TSXV: MMS  
NR2006-10

## **NEWS RELEASE**

### **DRILLING COMMENCES ON LAKE GILES PROJECT**

The Directors of Macarthur Minerals Limited (TSXV:MMS) (the "Company") are pleased to advise that the drilling program commenced on the Lake Giles project in Western Australia (WA) on Tuesday 4<sup>th</sup> July 2006. Lake Giles project consists of a contiguous group of tenements comprising 6 granted Exploration Licenses, one Exploration License Application and 13 Mining Lease Applications covering an area of about 515 square kilometers.

The drilling follows the completion of a 229 hole Auger Drilling Program on the Company's Iron Pisolite area and on 11 lines which were 500m apart with the holes being at 100m intervals. The holes were planned to go to approximately 4m depth. It also follows the results of a preliminary electromagnetic (EM) survey which was carried out over an area considered to be highly prospective for both Nickel and Chrome sulphide. The results of the EM will also be released as soon as the report is complete.

Consulting geologist Mr. Ian S. Cooper indicated in his preliminary report to the board that the initial processing and assaying of the auger samples on the Iron Pisolite area has been encouraging and indicates that around 16% of residual pisolite bearing soils at the Lake Giles Project carry easily separated contents of magnetite. Assays indicate the magnetic fraction to grade greater than 50% Fe content. Levels for other elements are also considered to be low.

The samples processed represent the top metre drilled and are located on a wide spaced sampling interval. Mr. Cooper has recommended that samples from intermediate lines that were not processed in the initial programme (but have been collected during the auger drilling programme) be sent for processing. As should the interval 1 to 2 metres for all drill holes.

The results of the initial assaying for all elements are attached to this release.

**Technical and scientific information in this release is based upon information prepared by or under the supervision of Mr. Ian S. Cooper B.Sc.,A.R.S.M.,F.G.S.,M.A.I.M.M. Consultant to the Company, who is a "qualified person" as defined in National Instrument 43-101-Standards of Disclosure for Mineral Projects.**

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#### **MACARTHUR MINERALS LIMITED**

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On behalf of the Board of Directors,

**MACARTHUR MINERALS LIMITED**

*"David K. Barwick"*

David K Barwick, Director

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Sample No.	% of Total Magnetite	Fe %	Mg %	Ni ppm	P %	Si %	Ti %	V ppm	Co ppm	Cr ppm	Au Ppb
LGA 11	3.25%	39.96	0.25	267	0.03	15.7	0.13	181	X	2619	5
LGA 12	7.43%	31.05	0.47	230	0.03	16.8	0.14	172	30	1152	8
LGA 13	6.25%	35.83	0.14	254	0.04	19.5	0.09	143	X	1365	4
LGA 14	4.24%	33.12	0.21	237	0.04	16.4	0.14	192	X	1235	4
LGA 15	12.18%	46.42	0.14	390	0.05	10.6	0.19	269	40	1751	3
LGA 16	19.94%	42.52	0.34	384	0.04	9.8	0.37	509	X	3434	4
LGA 17	6.86%	52.47	0.08	266	0.04	4.3	0.55	616	X	4186	4
LGA 18	5.70%	53.03	0.15	238	0.04	4.4	0.53	718	X	4963	3
LGA 19	4.65%	48.5	0.17	229	0.05	5.6	0.53	745	X	4332	4
LGA 20	1.06%	38.14	0.13	172	0.05	4.5	0.47	672	X	4903	7
LGA 21	2.45%	48.63	0.13	176	0.05	5.1	0.63	831	X	6374	5
LGA 22	5.43%	43.42	0.22	274	0.04	5.1	0.41	485	X	4185	5
LGA 23	5.60%	56.7	0.14	372	0.05	3.9	0.35	394	43	2801	3
LGA 24	10.30%	60.3	0.09	315	0.06	3.1	0.28	326	X	1833	6
LGA 45	10.60%	46.85	0.44	681	0.05	6.3	0.16	261	115	1985	5
LGA 47	5.08%	55.66	0.31	720	0.06	3.7	0.21	377	84	2737	4
LGA 48	2.66%	53.61	0.13	431	0.06	5.7	0.32	487	X	3835	4
LGA 49	13.60%	51.11	0.08	277	0.05	8	0.38	512	X	4137	4
LGA 50	14.61%	52.16	0.09	317	0.06	6.2	0.41	556	X	4585	4
LGA 51	16.14%	56.09	0.07	193	0.05	3.9	0.55	815	X	5364	5
LGA 52	12.86%	51.43	0.07	228	0.06	4.3	0.49	720	X	5247	5
LGA 53	31.76%	55.74	0.07	218	0.06	3.5	0.63	697	X	5287	4
LGA 54	30.89%	55.94	0.05	212	0.05	3.3	0.56	716	X	4893	3
LGA 55	28.13%	54.99	0.08	183	0.06	3.6	0.65	693	X	5045	3
LGA 56	21.79%	54.39	0.09	178	0.04	4.1	0.69	738	X	4074	4
LGA 57	34.37%	56.74	0.06	202	0.05	2.9	0.76	810	X	5002	3
LGA 75	34.01%	60.79	0.05	186	0.02	2.1	0.67	678	X	6092	2
LGA 76	8.93%	35.79	0.06	193	0.02	19.4	0.25	319	25	2236	4

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Sample No.	% of Total Magnetite	Fe %	Mg %	Ni ppm	P %	Si %	Ti %	V ppm	Co ppm	Cr ppm	Au Ppb
LGA 77	21.77%	56.66	0.07	177	0.06	2.9	0.67	849	X	6045	4
LGA 78	23.03%	55.46	0.07	167	0.06	3	0.65	875	X	6416	2
LGA 79	30.58%	56.9	0.06	213	0.05	2.4	0.64	951	X	6626	4
LGA 80	22.86%	57.03	0.08	203	0.06	4.2	0.56	696	X	5070	3
LGA 81	12.34%	54.56	0.12	294	0.05	4.7	0.49	601	X	4394	3
LGA 82	18.45%	57.95	0.08	207	0.06	3.7	0.55	687	X	4980	4
LGA 83	27.28%	58.92	0.07	132	0.06	2.9	0.49	659	X	3430	4
LGA 84	20.00%	59.18	0.06	147	0.06	2.7	0.45	650	X	3170	2
LGA 85	21.66%	60.27	0.06	124	0.06	3	0.47	667	X	2802	2
LGA 86	9.71%	62.93	0.06	124	0.07	2.5	0.49	732	X	2623	4
LGA 87	16.11%	61.56	0.06	129	0.07	2.5	0.42	668	X	2334	4
LGA 88	25.74%	61.1	0.06	84	0.06	2.4	0.36	582	X	1937	22
LGA 89	21.06%	60.55	0.06	98	0.06	2.4	0.38	593	X	2269	3
LGA 90	20.81%	57.6	0.05	121	0.06	2.7	0.44	632	X	2672	4
LGA 91	20.65%	59.2	0.05	179	0.06	2.8	0.49	693	X	3366	3
LGA 92	21.40%	57.1	0.04	220	0.05	2.6	0.57	726	X	4885	3
LGA 93	19.33%	56.18	0.05	145	0.05	3.2	0.5	692	X	3205	4
LGA 94	4.15%	56.73	0.06	228	0.05	3.2	0.47	749	X	4619	2
LGA 137	18.85%	57.43	0.08	273	0.06	3.3	0.51	762	25	7179	3
LGA 138	16.05%	47.96	0.07	221	0.06	3.5	0.44	649	23	5453	2
LGA 139	7.27%	59.99	0.09	298	0.06	4.2	0.49	674	36	4951	6
LGA 140	9.08%	57.67	0.09	266	0.06	4.2	0.45	582	X	3481	3
LGA 141	12.26%	58.95	0.09	211	0.06	4.1	0.42	594	X	3017	5
LGA 142	14.81%	60.61	0.09	192	0.08	3.6	0.43	605	X	2892	4
LGA 143	15.58%	59.31	0.08	196	0.07	3.9	0.43	602	X	2949	3
LGA 144	16.42%	57.88	0.07	184	0.07	3.8	0.42	553	X	2375	6
LGA 145	18.48%	59.51	0.07	201	0.07	3.7	0.42	535	X	2435	5
LGA 146	27.78%	60.98	0.07	173	0.06	3.2	0.69	730	X	3752	3

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Sample No.	% of Total Magnetite	Fe %	Mg %	Ni ppm	P %	Si %	Ti %	V ppm	Co ppm	Cr ppm	Au Ppb
LGA 147	21.12%	58.32	0.07	148	0.07	5	0.39	531	X	1980	5
LGA 148	26.12%	47.58	0.18	227	0.06	8	0.41	452	22	1856	4
LGA 149	23.64%	55.54	0.06	168	0.06	4.6	0.4	499	X	1920	4
LGA 150	21.94%	55.1	0.08	144	0.06	4.7	0.39	483	26	1834	5
LGA 151	22.07%	49.82	0.16	196	0.05	6.8	0.36	424	X	1652	4
LGA 152	19.25%	55.95	0.1	173	0.05	5.4	0.34	461	X	1603	5
LGA 153	21.68%	56.16	0.07	186	0.08	4.1	0.33	463	X	1733	4
LGA 154	19.13%	54.48	0.07	163	0.06	4.9	0.33	447	X	1441	5
LGA 155	16.73%	54.8	0.09	227	0.07	4.9	0.32	422	X	1735	3
LGA 156	19.90%	57.91	0.07	119	0.06	2.7	0.57	630	X	2844	3
LGA 157	5.06%	47.55	0.1	358	0.06	5.3	0.6	647	21	6247	5
LGA 158	12.41%	52.41	0.11	277	0.06	4	0.36	429	24	2979	4
LGA 159	6.65%	54.79	0.06	167	0.06	3.6	0.3	391	34	2436	7
LGA 160	7.45%	50.06	0.17	864	0.05	5.3	0.29	359	108	6333	6
LGA 161	17.98%	54.16	0.09	210	0.06	5.5	0.4	568	26	2675	6
LGA 162	9.49%	49.7	0.2	204	0.05	6.6	0.4	503	X	2355	5
LGA 163	21.24%	47.35	0.06	136	0.06	3.4	0.38	524	21	1886	4
LGA 164	18.70%	55.66	0.1	213	0.06	3.5	0.44	564	21	2431	5
LGA 165	22.53%	53.96	0.05	132	0.05	3.4	0.47	592	26	2238	5
LGA 166	23.08%	49.06	0.13	165	0.06	6.9	0.45	478	26	2058	3
LGA 167	20.29%	56.36	0.09	185	0.07	3.5	0.43	506	X	2227	3
LGA 168	22.99%	56.06	0.07	204	0.07	3.9	0.48	555	X	2093	3
LGA 169	19.03%	54.52	0.09	192	0.07	4.9	0.4	447	20	2091	6
LGA 170	18.29%	53.46	0.06	173	0.07	6.6	0.3	412	X	1530	6
LGA 171	17.82%	49.63	0.1	162	0.06	8.8	0.25	340	X	1283	6
LGA 172	10.69%	49.89	0.23	254	0.06	7.7	0.28	338	29	1745	7
LGA 175	20.73%	60.92	0.06	64	0.07	3.3	0.15	325	X	644	4
LGA 176	33.32%	59.2	0.06	77	0.06	3.5	0.38	534	X	1116	5

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Sample No.	% of Total Magnetite	Fe %	Mg %	Ni ppm	P %	Si %	Ti %	V ppm	Co ppm	Cr ppm	Au Ppb
LGA 177	<b>34.86%</b>	57.55	0.1	94	0.05	2.8	0.43	609	X	1657	3
LGA 182	<b>12.16%</b>	58.47	0.12	345	0.06	4.9	0.44	558	X	2745	6
LGA 183	<b>17.52%</b>	54.04	0.12	239	0.05	4.7	0.46	613	X	2642	3
LGA 184	<b>22.22%</b>	56.56	0.16	267	0.05	4.9	0.46	639	28	2563	5
LGA 185	<b>16.38%</b>	56.22	0.13	272	0.05	4.6	0.43	606	X	2513	5
LGA 186	<b>22.20%</b>	53.69	0.14	261	0.05	6.2	0.4	534	31	2459	2
LGA 187	<b>25.75%</b>	52.77	0.07	215	0.04	4.6	0.38	550	X	2561	4
AVERAGES	16.97%	53.75	0.11	228	0.06	5.13	0.43	561	37	3243	4

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