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NEWS RELEASE

MACARTHUR TO COMMENCE DRILLING ON LAKE GILES PROJECT; TECHNICAL REPORT COMPLETED

Vancouver, B.C.- Macarthur Minerals Limited (TSXV: MMS) (the "Company") is pleased to announce results of work carried out by consulting geologists Cooper Geological Services Pty Ltd (CGS) during February and March 2006 as well as completion by CGS of a technical report entitled "Independent Technical Report, Lake Giles Project, Western Australia" (the "Technical Report"). The programme of geological mapping and systematic rock sampling was conducted over outcropping areas considered to have potential for iron mineralisation. In conjunction with that work a programme of systematic inspection of targets generated from the previous airborne electromagnetic (EM) survey was carried out as was a programme of limited gossan search over the more prospective sequences of ultramafic rocks.

CGS recommendations are made for drilling of the pisolite iron target and the ironstone targets with the drilling programme expected to commence shortly. High chrome assays were returned for several areas where consulting geologist Ian Cooper (Cooper Geological) discovered previously unidentified gossan and further exploration is proposed for those areas.

IRONSTONE AREAS

Historical work had outlined six areas where sampling had identified ironstone with high iron content. All areas were visited to identify sites with possible economic size potential. Three of the originally identified areas were considered to have the best potential and these areas were geologically mapped at 1:2500 scale and systematically rock sampled (samples 1001 to 1045 – see table) Assays for Iron were returned in the range 38% to 62.5% with the majority of samples returning Fe content greater than 50% (35 samples) while only 9 samples were reported lower than 50%. Geological mapping was carried out over the three most prospective target areas and indicates areas of possible thickening of the ironstone formations and these targets will form part of the proposed drilling programme.

ELEMENTS	***Al***	***Co***	***Cr***	***Cu***	***Fe***	***Mg***	***Ni***	***P***	***Pb***	***Si***	***Ti***	***V***	***Zn***
UNITS	%	ppm	ppm	ppm	%	%	ppm	%	ppm	%	%	ppm	ppm
DETECTION	0.02	20	50	20	0.01	0.01	20	0.01	50	0.1	0.01	50	20
METHOD	D/OES	D/OES	D/OES	D/OES	D/OES	D/OES	D/OES	D/OES	D/OES	D/OES	D/OES	D/OES	D/OES
SAMPLE NUMBERS													
1001	1.84	X	X	128	56.41	0.03	X	0.06	98	3.4	0.03	85	85
1002	0.75	X	X	X	61.29	0.03	X	0.08	74	1.9	0.02	54	75
1003	0.94	X	X	57	60.54	0.03	33	0.09	X	1.8	0.01	63	115
1004	0.85	X	X	48	61.16	0.04	X	0.18	X	1.8	0.03	64	115

ELEMENTS	Al	Co	Cr	Cu	Fe	Mg	Ni	P	Pb	Si	Ti	V	Zn
1005	0.79	X	X	81	62.24	0.04	27	0.08	X	2.1	0.02	X	69
1006	0.72	X	X	52	55.11	0.04	28	0.12	101	4.9	0.05	X	98
1007	1.6	X	X	56	59.77	0.03	X	0.13	X	2.3	0.1	90	70
1008	0.94	X	X	69	62.11	0.04	X	0.12	64	1.6	0.03	73	77
1009	1.31	X	X	40	61.32	0.04	24	0.05	70	3.4	0.05	79	48
1010	1.99	X	X	42	57.2	0.04	37	0.08	X	4.6	0.11	172	85
1010 Dup	1.99	X	X	43	57.1	0.04	35	0.09	X	4.6	0.11	170	104
1011	0.43	X	X	X	40.21	0.03	X	0.07	X	18.2	0.01	X	56
1012	1.46	X	X	100	55.75	0.03	169	0.07	X	5.3	0.09	90	61
1013	1.89	X	X	58	54.48	0.04	28	0.08	X	4.4	0.09	112	86
1014	1.35	X	X	60	60.49	0.06	X	0.09	91	1.6	0.05	100	48
1015	0.84	X	X	X	61.72	0.04	25	0.1	X	2.5	0.01	X	103
1016	0.87	X	X	33	61.93	0.04	33	0.11	X	1.6	0.02	58	119
1017	0.81	X	246	39	60.81	0.04	36	0.19	X	1.6	0.02	73	155
1018	1.24	404	1017	100	42.17	0.15	712	0.04	X	2.6	0.06	135	111
1019	1.29	127	584	45	45.56	0.08	264	0.05	X	2.4	0.04	76	80
1020	0.98	59	447	75	51.23	0.05	228	0.04	69	1.6	0.03	64	60
1020 Dup	0.9	44	271	88	45.82	0.05	208	0.03	X	1.5	0.03	55	73
1021	0.9	X	X	102	38.05	0.06	40	0.1	56	1.1	0.04	100	99
1022	0.57	X	X	23	43.05	0.03	26	0.08	X	1.2	0.02	72	50
1023	0.74	X	X	53	41.11	0.02	27	0.07	X	0.8	0.01	X	91
1024	2.02	X	X	56	48.35	0.03	24	0.08	X	3.1	0.09	90	66
1025	0.97	X	53	52	59.22	0.02	X	0.03	X	2.2	0.04	61	53
1026	0.76	X	X	35	51.54	0.04	32	0.08	69	2.1	0.02	55	59
1027	1.38	X	X	28	59.93	0.03	X	0.06	85	2.6	0.1	94	56
1028	1.09	X	96	X	59.35	0.04	X	0.1	X	1.8	0.03	152	136
1029	2.01	X	X	59	45.94	0.69	42	0.05	72	5	0.03	96	164
1030	1.14	X	X	64	59.54	0.04	X	0.12	92	1.1	0.02	60	117
1030 Dup	1.13	X	X	67	59.58	0.04	23	0.12	159	1	0.02	58	98
1031	1.22	35	X	102	60.41	0.11	36	0.11	54	1.6	0.01	54	129
1032	1.34	37	X	174	58.94	0.07	X	0.09	99	1.4	0.02	59	125
1033	0.99	X	X	132	55.04	0.05	X	0.14	83	1.5	0.02	64	273
1034	1.36	X	X	40	60.01	0.03	X	0.08	69	1.5	0.02	62	80
1035	2.01	X	X	50	55.46	0.05	X	0.08	98	1.4	0.02	X	87
1036	1.96	X	X	66	59.06	0.05	22	0.07	132	2.2	0.04	85	63
1037	0.92	X	X	47	60.25	0.04	X	0.14	69	1.4	0.03	60	106
1038	0.98	X	X	80	60.59	0.05	23	0.14	172	2.2	0.02	X	92
1039	1.03	X	X	196	55.39	0.04	65	0.16	130	4.4	0.03	79	162
1040	0.75	X	X	122	59.5	0.11	21	0.1	82	2.8	0.02	79	96
1040 Dup	0.75	X	X	83	58.38	0.11	X	0.1	113	2.8	0.02	91	84
1041	0.98	X	X	61	62.12	0.08	42	0.08	134	1.2	0.03	64	84
1042	1.07	X	X	58	62.51	0.07	26	0.07	110	1	0.03	104	94
1043	1.43	X	55	25	60.72	0.05	X	0.07	72	1.7	0.07	105	78
1044	1.77	X	X	31	59.89	0.08	X	0.06	X	1.3	0.13	142	62
1045	1.04	X	X	118	46.75	0.17	54	0.08	95	9.3	0.03	158	133

IRONSTONE PISOLITE AREAS

The area sampled during 2005 for iron rich magnetic pisolites was investigated in the field to plan further evaluation programmes. A drilling programme based on that work has been designed and will be implemented shortly. The work carried out in 2005 included reconnaissance shallow auger sampling of the pisolite rich profile, composites of that sampling were produced that returned iron contents in the range 10.92% Fe to 44.21% Fe.

GOSSAN SEARCH

Historical work had outlined a number of target areas that are considered prospective for discovery of Nickel. The historical work included geological mapping identifying cumulate textured ultramafic rock units, anomalous auger and surface geochemistry and several drill holes with anomalous nickel geochemistry. On review of the historical work it was considered that scope existed for discovery of gossan in poorly mapped areas of the ultramafic sequences.

Gossan search and geological reconnaissance by Cooper has now identified three new areas of gossan outcrop. Rock sampling of these outcrops returned the following significant results:

SAMPLE NUMBER	***Cr (ppm)***	***Ni (ppm)***
1046	4094	288
1047	4197	289
1059	5120	326
1060	9409	493
1061	4277	1530
1065	5724	760
1066	5886	379
1080	5067	1438
1099	3117	882
1100	3714	1481
1109	3618	1051
1110	14388 (1.43%)	1460
1111	13135 (1.31%)	259
1112	14767 (1.47%)	233
1114	6131	256
1115	4953	1046

Samples 1110, 1111 and 1112 all returned percentage values for Chrome and were collected from an outcropping gossan in an area of cumulate textured ultramafic rocks.

EM ANOMALIES

In conjunction with the gossan search reconnaissance of locations of anomalies generated by the air borne electromagnetic ("EM") survey using the GPX Services Pty Ltd "Hoistem" helicopter borne system conducted during 2004 was carried out. Most anomaly sites visited were soil covered although outcrop and sub outcrop were present for around 30% of the sites. The following table records significant geochemistry returned note that samples 1059, 1060 and 1061 as reported in the previous section are from outcropping gossan located at the site of one EM anomaly.

SAMPLE NUMBER	***Cr (ppm)***	***Ni (ppm)***
1050	3315	510
1068	3996	2330
1113	2563	259

QUALITY CONTROL

Garry Clark BSc (Hons), FAusIMM, Company Director, who is a qualified person as defined in National Instrument 43-101- *Standards of Disclosure for Mineral Projects* prepared or supervised the preparation of the information in this news release. Details regarding the disclosure of exploration information, quality control and data verification procedures are provided in the Technical Report filed on SEDAR on April 24, 2006.

On behalf of the Board of Directors,

MACARTHUR MINERALS LIMITED

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