



Drilling Programme for Tennant Creek Project 100% Excalibur Mining Corporation Limited

16th July 2009

Further to our previous announcement, Excalibur Mining Corporation Limited (ASX: EXM) provides additional information on the planned drilling to be undertaken on Tennant Creek Project over the next 2 months.

The program is comprised of three parts:

1. Preliminary drilling at Juno to test limits of previous stoping, remnant mineralization and the possibility of stope fill material. This should provide additional information prior to commencing reserve drilling.
2. drilling of the shallows resources at Rising Sun, Weaber's Find, and Nobles Nob with the aim to upgrade them from the inferred category to a measured and/or indicated resource; and,
3. Testing of the tailings from the previous mining at Nobles Nob.

A mine management plan to undertake additional drilling at Tennant Creek was lodged with the Northern Territory Department of Regional Development, Primary Industries, Fisheries and Resources on 27 May 2009. Drilling rigs will be mobilised following Departmental approval.

Juno (Excalibur 100%)

The company has planned a preliminary drilling programme of three RC holes at Juno to test limits of previous stoping, remnant mineralization and the possibility of stope fill material.

The holes will be drilled from the surface to approximately 350m depth and will test mineralisation on both the north and south sided of the previous mining operation.

The data from these holes will assist define the additional drilling necessary to upgrade the current resource estimate.

Rising Sun (Excalibur 100%)

The company is planning to complete 56 holes for approximately 2,800m on a nominal 10m by 10m pattern to infill the existing resource to a depth of approximately 80m. Some holes will be positioned to extend shallow parts of the resource that remain open. The aim is to define an open pittable JORC compliant resource. The deeper portions of the existing resource will not be drilled in the current program. This resource remains open, particularly to the east.

Previous drilling in this area (EXM ASX Announcement 5th September 2008) are included in the Table below.

Hole	N	E	From	To	M	g/t Au
RSP025	7819833	427510	34	42	8	24.30
RSP030	7819824	427507	20	32	12	21.70
RSP033	7819822	427517	18	29	11	12.94
RSP050	7819833	427515	35	47	12	13.86
RSP052	7819843	427529	28	40	12	14.56
RSP063	7819829	427515	25	35	10	36.78
ERSRC012	7819850	427590	57	68	11	6.76
ERSRC018	7819865	427550	39	50	11	30.40
ERSRC024	7819849	427530	45	71	26	20.99

Weabers Find (Excalibur 100%)

The company is planning to complete 10 holes for approximately 800m on a nominal 20m by 20m pattern to extend the existing resource. The aim is to define an open pitable JORC compliant resource to a depth of approximately 80m. The deeper parts of the existing resource will not be drilled in the current program. This resource remains open, particularly to the east.

Previous drilling in this area (EXM ASX Announcement 5th September 2008) are included in the table below.

Hole	N	E	From	To	M	g/t Au
EWFRC006	7819940	426840	64	73	9	9.84
		including	69	71	2	35.80
EWFRC007	7819960	426840	76	77	1	1.53
		and	170	171	1	2.24

NM4 (Excalibur 100%)

The company is planning to complete 11 holes for approximately 400m on a nominal 20m by 20m pattern to step out from previous intersections. The area has received limited drilling to date. Planned drilling will test the potential for a shallow open pitable resource at NM4.

Previous drilling in this area (EXM ASX Announcement 5th September 2008) are included in the table below.

Hole	N	E	Az	From	To	m	g/t Au
ENM4RC001	7820240	426525	180	26	40	14	1.21
ENM4RC002	7820260	426525	180	60	64	4	6.31

Nobles Nob (Excalibur 100%)

The company is planning 20 holes for approximately 1,000m of drilling to extend the resource immediately below the base of the existing open pit. These holes will be drilled from within the open pit on nominal 10m spacing to approximately 20m below the floor of the open pit.

Some holes will be drilled deeper to test mineralization located in DDH140, an underground diamond drill hole drilled some years ago. This hole encountered significant gold mineralization down dip of the Nobles Nob mine with intersections of 3.72m @ 12.88g/t Au from 44.2m, and 19.81m @ 7.11g/t from 65.58m. These intersections lie approximately 40m and 65m respectively below the current open pit floor.

Previous drilling in this area (EXM ASX Announcement 5th September 2008) are included in the table below.

Hole	N	E	From	To	m	g/t Au
NNGC005	7820057	424948	3	9(eoh)*	6	9.07
NNGC008	7820052	425952	Surface	9(eoh)*	9	5.97
NNGC012	7820053	425693	Surface	6(eoh)*	6	5.43
NNGC014	7820045	425966	Surface	4(eoh)*	4	10.08
NNGC073	7820095	425833	Surface	6(eoh)*	6	4.60
NNGC080	7820106	425814	Surface	6(eoh)*	6	22.30
NNGC089	7820103	425784	Surface	6(eoh)*	6	10.62
NNGC091	7820121	425783	Surface	3(eoh)*	3	18.80
NNGC230	7820093	425939	Surface	6(eoh)*	6	9.54

Note (eoh)* means ended in mineralisation

Tailings Sampling

A gold plant was operating at Nobles Nob semi continuously from the early 1950s until the early 1990s. During this time ore was processed from both Nobles Nob (2.1Mt @ 17g/t Au for 1.17Moz) and other satellite deposits of various size and grade. It is not known whether these remnant tailings dumps have ever been retreated or sampled. Auger drilling will be completed as a first pass to test the grade and tonnage of remnant tailings at Nobles Nob.

Excalibur will keep the market informed as this program progresses.

Yours faithfully

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Information in this report pertaining to mineral resources and exploration results was compiled by Mr MP Sullivan who is a member of Aus.I.M.M. Mr. Sullivan has sufficient experience which is relevant to the style of mineralisation and the type of deposit that is under consideration and to the activity that he is undertaking to qualify as a competent person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Sullivan consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.