
Bowen Energy holds a significant land position, principally within the Bowen Basin and is exploring for Coking, PCI and thermal coal deposits. Bowen Energy holds two granted exploration leases for uranium and base metals and has recently acquired a significant land position in emerging uranium prospective districts in Queensland (Croydon/Georgetown region) and Western Australia (East Kimberly district).

Bowen Energy is pleased to report on its activities for the quarter ended 30 June 2007.

Highlights
- BWN formalising Memorandum of Understanding with Bhushan Steel
- BWN makes an off market takeover bid for Rocklands Richfield Limited
- Drilling commences Glen Isla Uranium project with 60 holes completed

Figure 1. Project Locations
East Middlemount Project

EPC 930 40% (240 sub-blocks reduced form 300 sub-blocks) Richfield
EPC1014 100% (32 sub-blocks) Cockatoo
EPC1085 100% (3 sub-blocks) North Middlemount

EPC1085 was granted on the 23 January 2007. Work programs on the East Middlemount project have involved compilation of digital geophysical, remote sensing (Landsat) and GIS data in preparation for reconnaissance field programs and scout drilling. This work is expected to commence in the next quarter. Bowen energy is currently in discussions with a number of drilling companies.

Initial notices of intention to enter occupied land have been sent out to all land owners and Bowen Energy will shortly initiate discussion with local landowners prior to commencing exploration programs.

Exploration activities over EPC930 are currently being operated by joint venture partners Rocklands Richfield Limited (ASX:RCI), who are to expend $527,000 to earn 60% equity. Previous results of exploration programs conducted by RCI are available on the ASX: Third Quarter Activities Report 27/04/2007. No new information has been forthcoming to BWN on their exploration activities. With previous drilling confirming the presence of coal bearing sediments of the German Creek Formation north of Middlemount and east of the Foxleigh Fault.

A Partial Relinquishment report for 60 subblocks relinquished on this project was lodged by RCI in May 2007.

The EPCs are situated in the Bowen Basin and are 10kms from the German Creek East coal mine and 20kms from the Norwich Park coal mine which both produce volatile coking coal. Previous investigations indicate that thin but high quality coal seams of the German Creek Formations may be present in the eastern part of the Project and that the main target of thick coking coal seems belong to the Rangal Coal Measures (as well as the other coal bearing formations) are present at depth in the western part of the Project.

Previous seismic surveys confirm the continuity of high reflectance horizons attributed to the Rangal Coal Measures to the west of the Foxleigh fault. Expected depths to the top of the Rangal coal measures varies from 200m in the North to as shallow as 100m in the central area. Shallow drilling east of the Foxleigh fault in the south areas has confirmed stratigraphy attributed to the German Creek Formation. However seismic profiles in this area are inconclusive due to the presence of cover sequences containing basalt.

Bowen Energy intends to chase these reflective horizons with strategic drilling programs to confirm and quantify potentially economic coking quality coal resources.

West Rolleston Project

EPC 1001 100% (44 sub-blocks) Mt Cheops
EPC1A 1002 100% (63 sub-blocks) Kia Ora
EPC 1084 100% (33 sub-blocks) Springsure South

EPCA1002 is still pending grant, delays in granting this exploration lease are from within the department of mines and energy

Compilation of digital geophysical, remote sensing (Landsat) and GIS data has commenced in preparation for reconnaissance field programs and scout drilling. This work is expected to commence in the next quarter. Bowen energy is currently in discussions with a number of drilling companies.

Initial notices of intention to enter occupied land have been sent out to all land owners and Bowen energy will shortly start a program of talking to local landowners prior to commencing exploration programs.
The project area is located some 40 kilometres south west of the town of Springsure and 40 kilometres west of X-Strata Coal's Rolleston Mine and the new heavy gauge railway constructed to service that mine. Four seams have been intersected in the adjacent EPC 786 at Freitag Creek to the east, typically some 7.5 meters of net coal with cumulative coal of up to 10 meters. The equivalents of these coal seams are expected to continue into EPC 1001 to the west of EPC 786 and north into EPC1084.

Departmental drilling in the general region has demonstrated that coal development within the Bandanna Formation occurred westward across the Springsure Shelf and confirmed the presence of shallow, thick, low ash coal seams with a coal rank similar to Rolleston coal. With the general persistence of the coal seams in the Bandanna Formation with little variation in coal quality, there are almost certainly coal seams to be delineated within the EPC and a strong potential to define suitable thermal coal resources.

**Tarong Project**

EPCA 1083 100% (215 sub-blocks) Cooyar

No work has been performed over this application.

The Cooyar application was lodged to allow BEL to explore for thermal coal associated with coal seams of the Tarong Basin, and in the overlying Walloon CM of the Surat Basin. These units are interpreted to overlay the Triassic Tarong basin to the south. EPC application 1083 (Cooyar) consists of 215 sub blocks covering approximately 530 square km over parts of the Tarong, Surat and Clarence-Morton Basins in SE QLD.

**Cape River Project**

EPCA 1120 100% (300 sub-blocks) Cape River

No work has been performed over this application.

Bowen Energy applied for 300 sub blocks covering the Cape River Project area, 70km south-east of Pentland in North Queensland. This area represents an under explored region which potentially hosts Permain sub-basins concealed below thin Tertiary and Palaeozoic cover (units of the Campaspe and Suttor Formations). Such sub-basins are prospective for significant thermal coal resources similar to those of the Wolfang and Blair Athol sub-basins located further to the south near Clermont.

**Glen Isla Project**

EPM 14910 100% (100 sub-blocks) Glen Isla

Geological compilation and interpretation previous exploration data has been completed. A drilling program designed to confirm results of previous exploration and to identify extensions to the Glen Isla palaeochannel system was delayed due to unseasonable rains and unexpected delays in the drilling rig availability. Drilling will commence on the 10th July as per the ASX Announcement:

The preliminary drilling program is presented in Figure 2 showing planned drill hole locations relative to previous drilling.
EPM (Exploration Permit Minerals) consists of 11 sub blocks (36 sq kms) 10 kms north east of Quamby (45 kms from Cloncurry) in north western Queensland (The Mt Isa Block).

The EPM was acquired in order to explore for Uranium deposits in sedimentary palaeochannel environments and Ernest Henry style hydrothermal iron oxide copper gold deposits.

At Glen Isla the uranium mineralisation is considerably younger than the spatially-related igneous rocks. This is the generally case for the calcrete, sandstone and unconformity-related deposits in Australia. The model implies that this deposit has formed as a result of uranium mobilisation from older uranium-enriched source rocks (Naraku granite) under low temperature oxidising conditions, and precipitation by oxidation-reduction (redox) reactions in the overlying Jurassic and Mesozoic Gilbert River and Wallumbilla formations respectively.

The grades of mineralisation are likely to reflect interplay of the availability of uranium and the efficiency of the redox systems. The "Main Channel" deposit estimates run at an average grade of 0.058% U₃O₈, however no economic resource of Uranium is currently defined to JORC compliance. A number of prominent aeromagnetic features are present within the basement rocks of the tenement and may present potential for IOCG (iron oxide copper gold mineralisation) similar to the nearby Roseby and Ernest Henry deposits.

Pinnacle Project
EPMA 15917 100% (73 sub-blocks) Pinnacle

No work has progressed on this application
Bowen Energy Limited has been advised by the Queensland Department of Mines and Energy that grant of this application is now pending and that the leases have been advertised for native title consideration.

**Archie Creek Project (Western Australia)**

EL 80/3537 100% (47 sub-blocks) Archie Creek  
ELA 80/3898 100% (90 sub-blocks) Sabrina

No field activities have been completed on this project to date, data compilation and development of work plans is underway.

The Archie Creek Project is located approximately 120km south west of Kununarra, encompassing several known Uranium and Fluorite (Archie’s Prospect), approximately 35km of the potentially mineralized Dunham fault zone.

Significant high grade gold/silver values and uranium mineralisation has recently been reported by Northern Star Resources (NSR) at its Dunham Prospect (ASX: 06/09/2006). The Dunham prospect which has the Frog Uranium Prospect (3,800ppm u308 ASX 20.02.07 UTO) is located immediately north along strike of the Archie Creek Project in a similar host rocks.

Exploration has been undertaken by previous explorers in the area since the early 1900’s for a range of commodities including uranium, base metals, gold, heavy mineral sands, tin, rare earths, diamonds, fluorite and barite. Limited reconnaissance exploration has been undertaken in recent times.

The project is centred on the Proterozoic Speewah Group of rocks. The Speewah group consists of a package of porphyritic and ryholitic volcanic and pyroclastic rocks overlain by a sequence of arkosic sediments.

To the south along strike NSR have also reported epithermal gold mineralisation at its Range prospect and Uranium at its Antares Prospect.

The Archie Creek project consists of 1 exploration license of 168 sq km held by Baracus Pty Ltd for a total area of 47 blocks. Exploration license 80/3537 was granted on 19/09/2007.

Combined with the adjacent application Sabrina Uranium Project ELA 80/3898, Bowen Energy Ltd now holds over 501 square km’s of ground in this potentially rich and emerging Uranium precinct.

**Croydon Uranium Project**

EPMA 16267 100% (100 sub-blocks) Clara River 1  
EPMA 16272 100% (100 sub-blocks) Clara River 2  
EPMA 16273 100% (100 sub-blocks) Yappar River 4  
EPMA 16274 100% (100 sub-blocks) Clara River 3  
EPMA 16276 100% (99 sub-blocks) Esmeralda Creek  
EPMA 16277 100% (100 sub-blocks) Yappar River 2  
EPMA 16278 100% (100 sub-blocks) Nonda Creek  
EPMA 16279 100% (96 sub-blocks) Yappar River 3  
EPMA 16280 (100%100 sub-blocks) Yappar River 5  
EPMA 16281 100% (98 sub-blocks) Yappar River 6  
EPMA 16282 (100%98 sub-blocks) Yappar River 1
A technical review of all previous exploration is now underway over this project, results of this review are expected prior to grant of tenement allowing Bowen energy to commence exploration immediately following grant of Exploration Permits.

The Corydon Uranium Project consists of 11 EPM applications (Exploration Permits for Minerals), South East of Croydon in North Queensland. The application is for an area of (1100 sub blocks) one thousand one hundred sub-blocks.

Exploration will target, potential roll front or palaeochannel style uranium mineralisation within the onlapping Mesozoic and Jurassic sequences of the Eulo and Eromanga basins. Additional potential exists for gold, and base metal occurrences within units of Proterozoic Croydon Volcanic Group and other Igneous Units of the Georgetown block in North Queensland. Additional

The application falls over portions of the Proterozoic Croydon Volcanic Group and the Esmeralda Granite complex within the Georgetown block of North Queensland. Within the outcropping portions of the Proterozoic Croydon Volcanic Group there has been a moderate to large amount of exploration focussed towards epithermal and vein hosted gold deposits, hydrothermal and igneous related Tin and to a lesser extent Porphyry Copper and Uranium mineralisation.

Elevated radiometric backgrounds for uranium and potassium are indicated locally within the application area based on interpretation of government and open file company airborne geophysical (radiometric) data. These data sets indicate generally elevated radiogenic backgrounds in rocks of the Proterozoic Croydon Volcanic Group and the Esmeralda Granite. These units provide a large primary source region capable of the generating secondary palaeochannel or roll front style uranium occurrences within the onlapping Basins.

Bullseye Creek Uranium Project
EPMA 16269 100% (98 sub-blocks) Bullseye Creek 1
EPMA 16270 100% (99 sub-blocks) Bullseye Creek 2
EPMA 16271 100% (38 sub-blocks) Bullseye Creek 3

A technical review of all previous exploration is now underway over this project, results of this review are expected prior to grant of tenement allowing Bowen energy to commence exploration immediately following grant of Exploration Permits.

The Bullseye Creek Uranium Project consists of 3 EPM applications. These projects lay west of Georgetown in North Queensland.

The Bullseye Creek applications fall over portions of the Proterozoic Croydon Volcanic Group and the Esmeralda Granite complex within the Georgetown Block of North Queensland.

Within the outcropping portions of the Proterozoic Croydon Volcanic Group there has been a moderate to large amount of exploration focussed towards epithermal and vein hosted gold deposits, hydrothermal and igneous related Tin and to a lesser extent Porphyry Copper and Uranium mineralisation.

In addition the tenement area contains a number of igneous related Au-Ag-base metal veins with potential for Kidston style sub-volcanic breccia systems. Elevated radiometric responses for uranium and potassium are apparent locally within the application area. While no known uranium occurrence falls within the area prospectivity for Maureen style hydrothermal uranium, thorium and fluorspar mineralisation clearly exists.
Blackbraes Uranium Project
EPMA 16114 100% (89 sub-blocks) Percyvale
EPMA 16275 100% (93 sub-blocks) Blackbraes East
EPMA 16268 100% (98 sub-blocks) Blackbraes South

A technical review of all previous exploration is now underway over this project, results of this review are expected prior to grant of tenement allowing Bowen energy to commence exploration immediately following grant of Exploration Permits.

Blackbraes Uranium Project consists of two applications and one existing application approximately 80km south of Oasis in North Queensland.

The exploration targets include uranium, gold, and base metal occurrences within units of the Einasleigh Metamorphics and younger igneous units of the Georgetown Block. Favourable conditions are interpreted from government and open file data sets to exist for Uranium mineralisation along the contact with the Broken River Province in North Queensland.

The applications fall over portions of the Einasleigh Metamorphics within the Georgetown block of North Queensland. BHT mineralisation (e.g. Chloe deposit held by Copper Strike Limited) occurs within the outcropping portions of the Einasleigh Metamorphics to the north of the project area.

Within the outcropping portions of the Einasleigh Metamorphics there has been a moderate to large amount of historical exploration focussed towards base metals and gold. This exploration has lead to the discovery of a large number of small base metal occurrences that confirm the prospectivity of the Terrane. The tenement area also contains a number of igneous related Au-Ag-base metal veins with potential for Kidston style sub-volcanic breccia systems. A small uranium occurrence also falls within the area indicating prospectivity for Maureen style hydrothermal uranium, thorium and fluorine mineralisation.

Additional potential occurs for roll front or palaeochannel style uranium mineralisation within overlying Mesozoic units.

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The information in this report that relates to exploration results (and mineral resources) is based on information compiled by Mark Sheppard Msc, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Sheppard is a full time employee of Bowen Energy Limited. Mr Sheppard has sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activity which 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 Sheppard consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Mark Sheppard is a geologist with twenty years exploration experience in a number of different commodities and geological regions within Australia.