



**NuPower Resources Limited (ASX: NUP)**  
**ASX ANNOUNCEMENT 9 MARCH 2009**  
**EXPLORATION UPDATE**  
**NT GOLD AND SILVER – EVA MINE**

**Highlights:**

- **Significant gold and silver assay data in closed file report from 1958/59**
- **Channel sample results of up to 62 g/t over 1.5m**
- **1982 NT Geological Survey technical report identified best individual waste dump sample of 103 g/t, bulk composite of 11 g/t**

NuPower recently completed the acquisition of the Mineral Leases N585 (Eva Mine) and N578 (Cobar II Mine) in the Northern Territory, 6km south of NuPower's Lagoon Creek exploration licence.

NuPower is pleased to announce its access to significant gold and silver assay data from the Eva Mine through release to the company of closed file reports held by the Northern Territory Geological Survey (NTGS) since 1959.

The closed file data is contained in the 1959 report by B D Morgan from exploration carried out by BHP at the Eva Prospect in 1958-59 that included 18 costeans, 144 percussion drill holes and 4 diamond drill holes. The gold assay results by the South Australian Mines Department of channel and larger bulk samples taken from the costeans show that the Eva property has significant precious metal potential in addition to the known uranium mineralisation.

Subsequent sampling by the NTGS in 1982 of material from the main Eva mine dump adjacent to the Norris Shaft (used for uranium mining) confirmed the high gold grades reported by Morgan with the results from 13 grab samples assaying in the range 1.5 to 103.0g/t Au and a laboratory composite of the individual samples assaying 11g/t Au.

These results are set out in the following table. The non-integer interval values result from conversion of the 1958/59 imperial measurements to metric.

Sample Type	Interval (m)	Au (g/t)	Ag (g/t)	Sample Type	Au (g/t)
Channel sample	1.02	22.4	23.4	Mine dump sample	9.5
Channel sample	1.02	1.6	7.8	Mine dump sample	11.8
Channel sample	1.53	1.9	6.3	Mine dump sample	7.5
Channel sample	1.53	12.5	10.9	Mine dump sample	26.7
Channel sample	1.53	13.1		Mine dump sample	13.6
Channel sample	1.53	62.3		Mine dump sample	8.4
Channel sample	1.53	6.3		Mine dump sample	103.0
Bulk sample	6.41	12.8	17.2	Mine dump sample	8.0
Bulk sample	4.58	11.9	12.5	Mine dump sample	1.5
Bulk sample	3.05	1	4.7	Mine dump sample	5.4
Bulk sample	3.66	3.6	4.7	Mine dump sample	3.7
Bulk sample	1.83	56	38.9	Mine dump sample	5.1
Bulk sample	3.05	10.2	9.4	Mine dump sample	4.3
Bulk sample	6.1	17.8	10.9	Laboratory composite of samples 1-13	11
Bulk sample	2.75	20.7	15.6		
Morgan B.D. 1959. Eva Uranium Prospect, Pandanus Creek, NT. BHP Unpublished report.				Ahmad M. 1982. Report on Inspection of Eva Mine ML55C Nicholson River NT. Technical Report NTGS.	

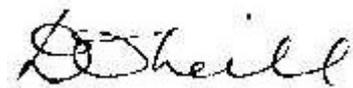
### Eva Mine Gold – Historic Channel, Mine Dump and Bulk Sample Assay Data

NuPower believes that these results add considerable value to the property as it continues to build its position in the Westmoreland-Murphy Inlier district.

This region has been highlighted by the NTGS as an important but poorly explored metallogenic district in the northeast of the NT.

NuPower Chairman, Mick Muir, welcomed the release of these significant data and congratulated NuPower’s exploration and corporate management for their diligence and effectiveness in completing all conditions precedent for the purchase of the strategic Eva and Cobar II leases in a very short timeframe.

“Data from the 144 percussion holes will be provided to an independent consultant for geological and resource modelling to determine how much extra drilling is required to raise the resource to JORC standards and where there is potential to expand it,” Mr Muir said.

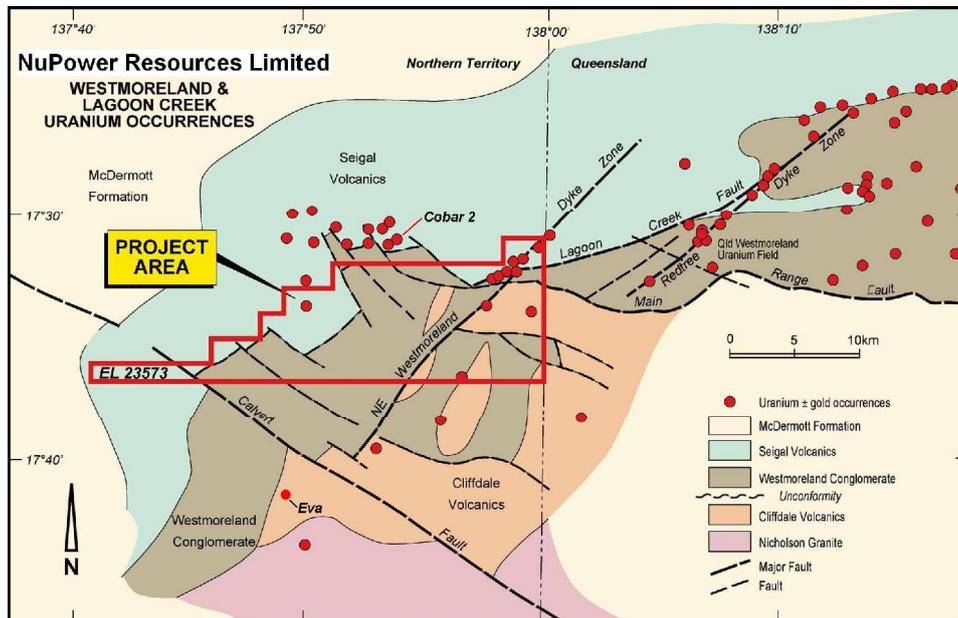


Dennis O'Neill  
Managing Director

For further information contact:

Dennis O'Neill, Managing Director  
Sydney, Australia +61 (2) 9262 4235

Or visit our web site at [www.nupowerresources.com.au](http://www.nupowerresources.com.au)



### Location of Eva Mine South of Lagoon Creek Exploration Licence

*The information in this release relates to exploration results and geological interpretation by Mr Warrick Rafferty (MSc). Mr Rafferty is a Member of the Australasian Institute of Mining and Metallurgy and a Fellow of the Society of Economic Geology and has sufficient experience to qualify as a Competent Person as defined in the Australasian Code for Reporting of Mineral Resources and Ore Reserves (JORC CODE) for reporting exploration results. Mr Rafferty consents to the inclusion of the data in the form and context in which it appears.*

*This release contains forward-looking statements. The actual results could differ materially from a conclusion, forecast or projection in the forward-looking information. Certain material factors or assumptions were applied in drawing a conclusion or making a forecast or projection as reflected in the forward-looking information.*