



BLACK RANGE
MINERALS

28 May 2007

Australian Securities Exchange Limited
Level 8, Exchange Plaza
2 The Esplanade
PERTH WA 6000

Dear Sirs,

Further to the Company's announcement dated 23 May 2007 we provide the following additional detailed information with respect to the current drilling program at the Company's 100% owned Taylor Ranch Uranium Project in the United States:

Hole ID	Collar Position			Depth (m)		From (m)	To (m)	Thickness (m)	eU ₃ O ₈ (%)
	Easting	Northing	Dip						
TRMR001	450558	4273266	-90	221		160.6	161.2	0.6	0.014
						181.1	182.0	0.9	0.060
					including	181.4	182.2	0.8	0.080
					including	181.4	181.9	0.5	0.119
TRMR002	450628	4273233	-90	226		168.6	169.4	0.8	0.022
						170.2	170.9	0.8	0.011
						189.1	189.5	0.5	0.016
						196.8	198.3	1.5	0.061
					including	197.1	197.6	0.5	0.153
					including	197.9	198.3	0.5	0.041
						201.7	202.2	0.5	0.027
	212.5	213.0	0.5	0.049					
TRMR003	450071	4272526	-90	268		172.1	172.9	0.8	0.021
						174.1	174.4	0.3	0.241
						176.4	177.5	1.1	0.028
						179.6	181.0	1.4	0.052
					including	179.9	180.7	0.8	0.080
						186.2	186.6	0.5	0.017
						187.2	187.5	0.3	0.090
						202.9	204.6	1.7	0.297
					including	202.9	204.1	1.2	0.403
					including	202.9	203.1	0.2	2.131
	218.3	219.1	0.8	0.016					
	222.4	222.9	0.5	0.011					
TRMR004	450510	4271924	-90	122		88.2	89.2	1.1	0.015
						92.0	93.3	1.4	0.032
					including	92.3	93.2	0.9	0.043
					including	92.6	93.0	0.5	0.070
TRMR005	451625	4271139	-90	49		34.8	42.6	7.8	0.090
					including	37.7	40.0	2.3	0.222
TRMR006	451813	4270830	-90	37		25.1	27.4	2.3	0.334
					including	26.1	26.7	0.6	1.144
TRMR007	449864	4271782	-90	366		284.0	285.1	1.1	0.028
						286.1	287.4	1.2	0.047
					including	286.3	286.7	0.5	0.097
TRMR008	448732	4272375	-90	308		262.4	264.3	2.0	0.035
					including	263.1	263.7	0.6	0.061

Hole ID	Collar Position				From (m)	To (m)	Thickness (m)	eU ₃ O ₈ (%)
	Easting	Northing	Dip	Depth (m)				
TRMR009	449063	4272564	-90	323	252.9	253.5	0.6	0.039
					256.3	257.0	0.8	0.014
					262.7	263.9	1.2	0.038
					264.8	265.7	0.9	0.015
					270.3	271.5	1.2	0.019
					282.8	283.8	1.1	0.012

The equivalent U₃O₈ (eU₃O₈) grades reported were calculated by Strata Data, a company based in Casper, Wyoming, USA that specialises in down hole geophysics and uranium logging. The system used is truck mounted and measures both the radiometric and electric signal downhole. Two separate probes have been used; both were manufactured by Century Geophysics and include models 9041 and 9057 that measure total gamma count. The tools are regularly calibrated at the United States Department of Energy's facility in Casper, following industry standards. The calibration of the tool allows for the calculation of eU₃O₈ directly from the total gamma count. eU₃O₈ can be a reliable measure of uranium content, but on occasion can be subject to disequilibrium if radioactive elements other than uranium are present. This is infrequently the case in sandstone-hosted deposits such as those at the Taylor Ranch Uranium Project.

Uranium mineralisation at the Taylor Ranch Uranium Project occurs at similar depths and in a very similar geological setting to, and within the same lithological units as the uranium mineralisation at the Hansen and Picnic Tree Uranium Deposits that are located just several kilometers to the south. Extensive research into the downhole response and eU₃O₈ grades at the Hansen and Picnic Tree Uranium Deposits was conducted during the 1970's and 1980's as part of a feasibility study into mining these deposits. It was concluded that there are no disequilibrium problems at these two deposits. As such Black Range Minerals believes that the mineralisation at the Taylor Ranch Uranium Project also has no disequilibrium problems. It intends conducting its own studies during the next 3 months to confirm this.

Reported intercepts in the above table are based on >0.01% eU₃O₈ having a thickness of at least 0.5 metres or >0.05% eU₃O₈ having a thickness of at least 0.3 metres. Maximum thickness of internal waste used in calculations was 0.3 metres.

Rotary mud drilling was used to complete all drill holes. Map coordinates are in UTM NAD83 zone 13.

Michael Haynes
Managing Director
BLACK RANGE MINERALS LIMITED

The information in this report that relates to Exploration Results is based on information compiled by Mr. Ben Vallerine, who is a member of The Australian Institute of Mining and Metallurgy. Mr Vallerine is Exploration Manager (USA) Black Range Minerals Ltd. Mr. Vallerine has sufficient experience which is relevant to the style of mineralisation 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 "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Vallerine consents to the inclusion in the report if the matters based on his information in the form and context in which it appears.