



28 January 2009

**ASX / MEDIA ANNOUNCEMENT
KEMPFIELD BJ ZONE DRILLING CONTINUES WITH PROMISING RESULTS**

Assay results from the seven RC infill holes at the Kempfield BJ zone continue to return good silver results with hole AKRC31 in particular yielding 86m averaging 102.8 g/t Silver.

Hole AKRC 27 returned 26m of 287.9 g/t silver including 6m at 447.7 g/t with 2m at 635 g/t or 20.4 ounces per tonne of silver.

Hole AKRC29 recorded 48m averaging 133.2 g/t including 10m at 303.2 g/t and 2m at 618 g/t silver.

Barite results were consistently high varying from 23.7% to a high of 59.7%.

The best results are summarized in the Table 1 below.

An indication of the extent and shape of the ore body is given in the attached plan, longitudinal section and vertical sections. The mineralized zone appears to be a 200m long tabular body dipping at 55 to 70 degrees to the west with a horizontal width varying from 55 to 100 meters

These seven holes conclude the current programme of drilling on the BJ zone.

An accurate survey has been completed of all the recent holes drilled at Kempfield and a new resources estimate will now be done by Hellman and Schofield.

In the meantime column leach tests are underway at Metcon Laboratories to determine possible silver recoveries from a potential heap leach operation of the BJ zone ore body.

Flotation tests will also be performed on the heap leach residues to determine the cumulative recoveries of silver and gold but also for lead and zinc in the form of concentrates.



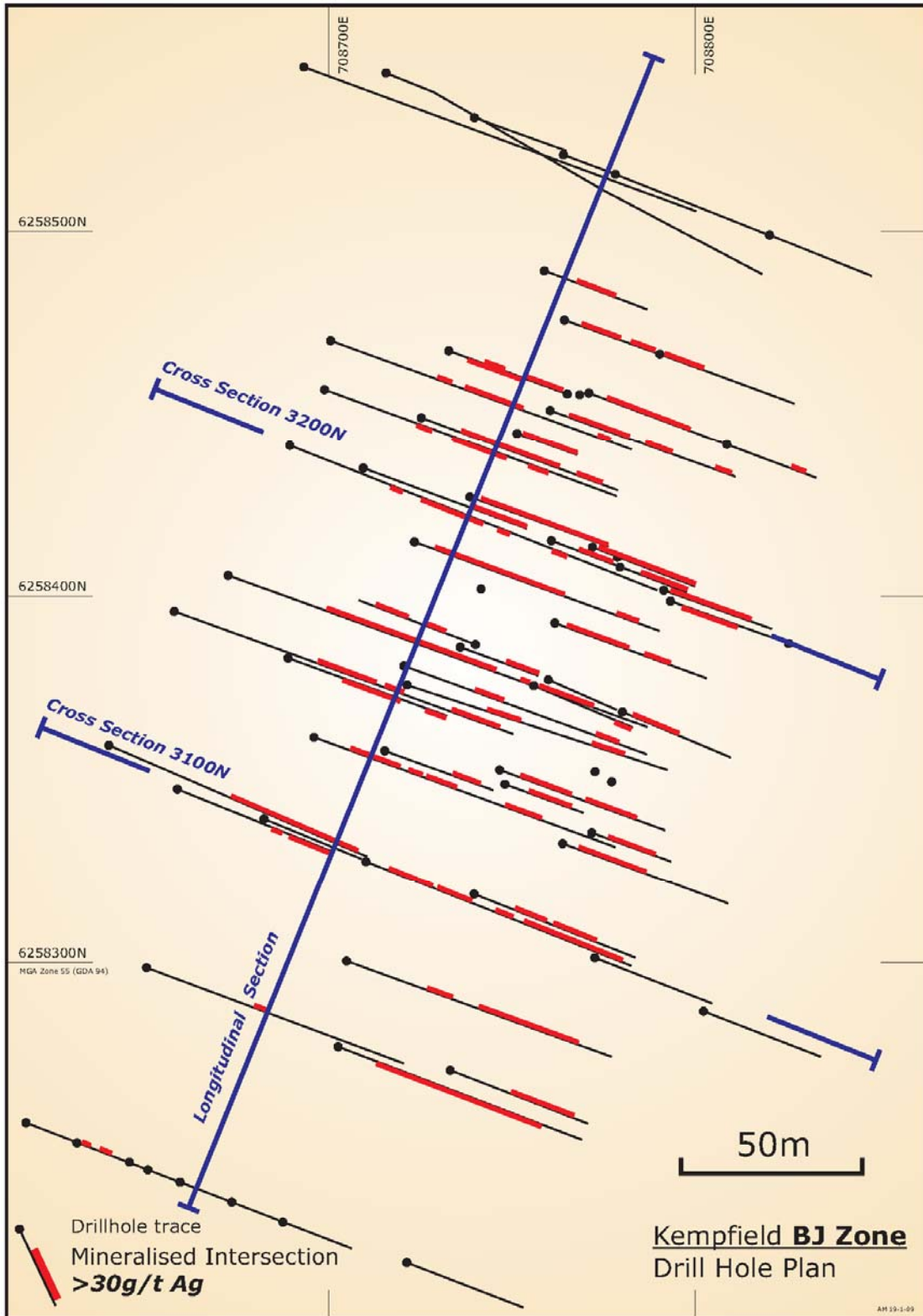
Hole No.	MGA East (m)	MGA North (m)	From (m)	Interval (m)	Silver (g/t)	Barite (%)
AKRC25	708645	6258266	2	38	76.5	23.7
And			72	6	103.9	36.8
AKRC26	708590	6258116	84	16	100.9	25.4
AKRC27	708650	6258148	12	26	287.9	54.7
Including			16	6	447.7	58.4
Including			20	2	635.0	52.5
AKRC28	708647	6258208	8	42	77.8	28.1
Including			40	8	130.3	39.0
AKRC29	708632	6258168	14	48	133.2	31.3
Including			44	18	207.1	37.6
Including			50	10	303.2	41.1
Including			56	2	618.0	59.7
AKRC30	708606	6258196	36	12	78.9	25.4
And			62	12	18.3	
And			80	10	78.6	38.6
Including			86	2	207.0	39.2
AKRC31	708609	6258230	10	86	102.8	31.9
Including			10	56	119.3	31.6
Including			64	4	172.5	30.8
Including			76	20	86.9	39.6
Including			88	8	166.5	40.2

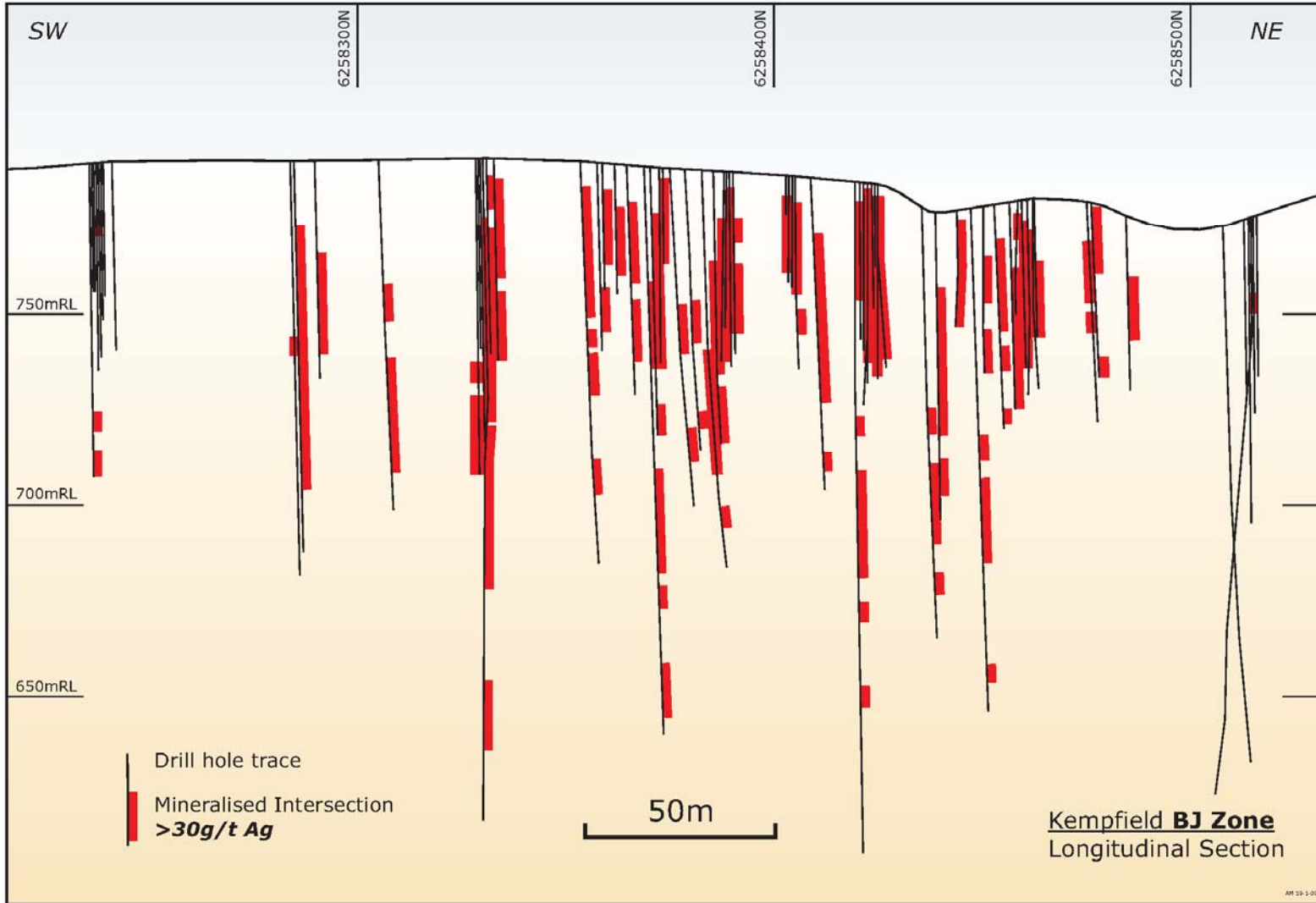
Table 1

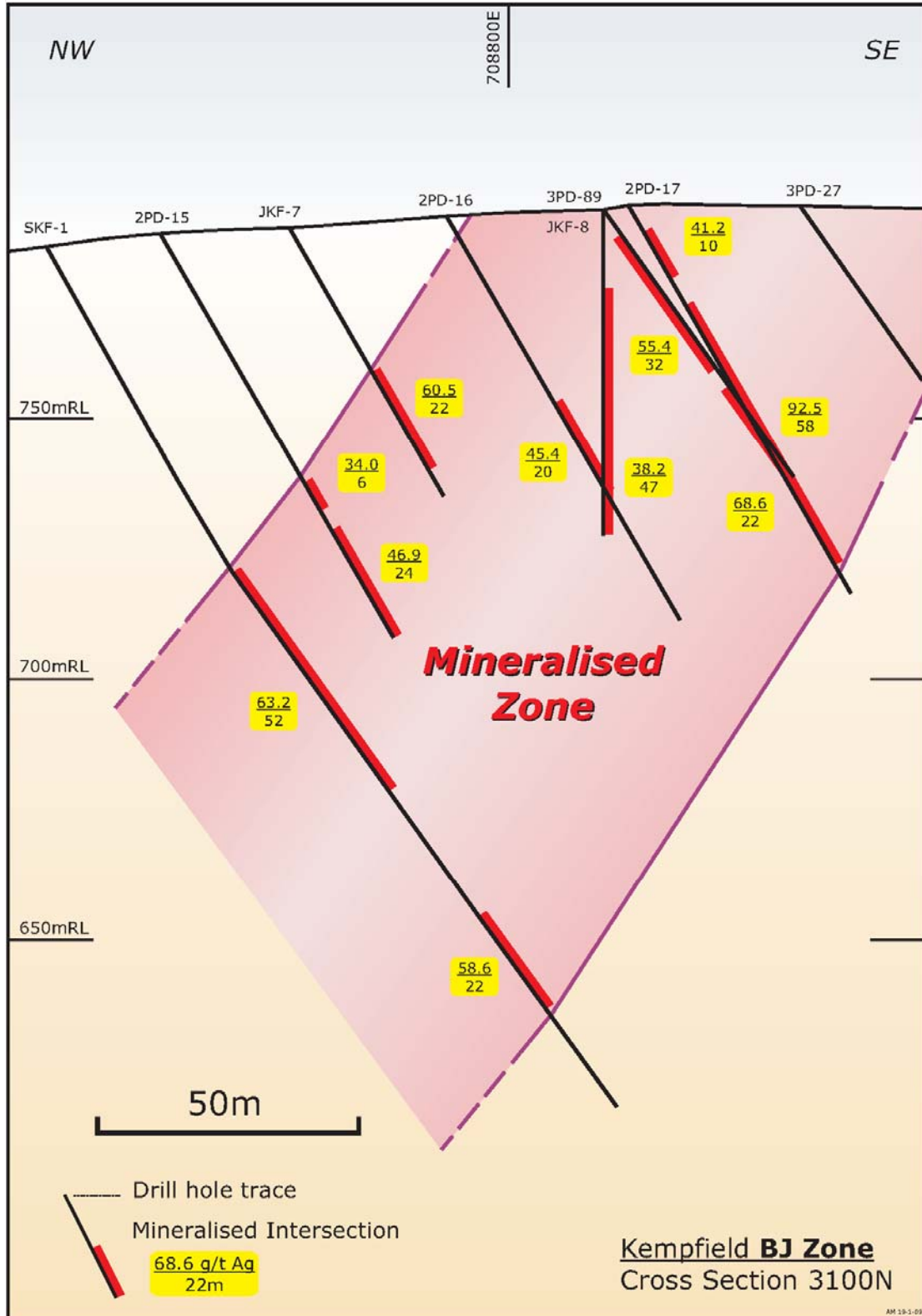


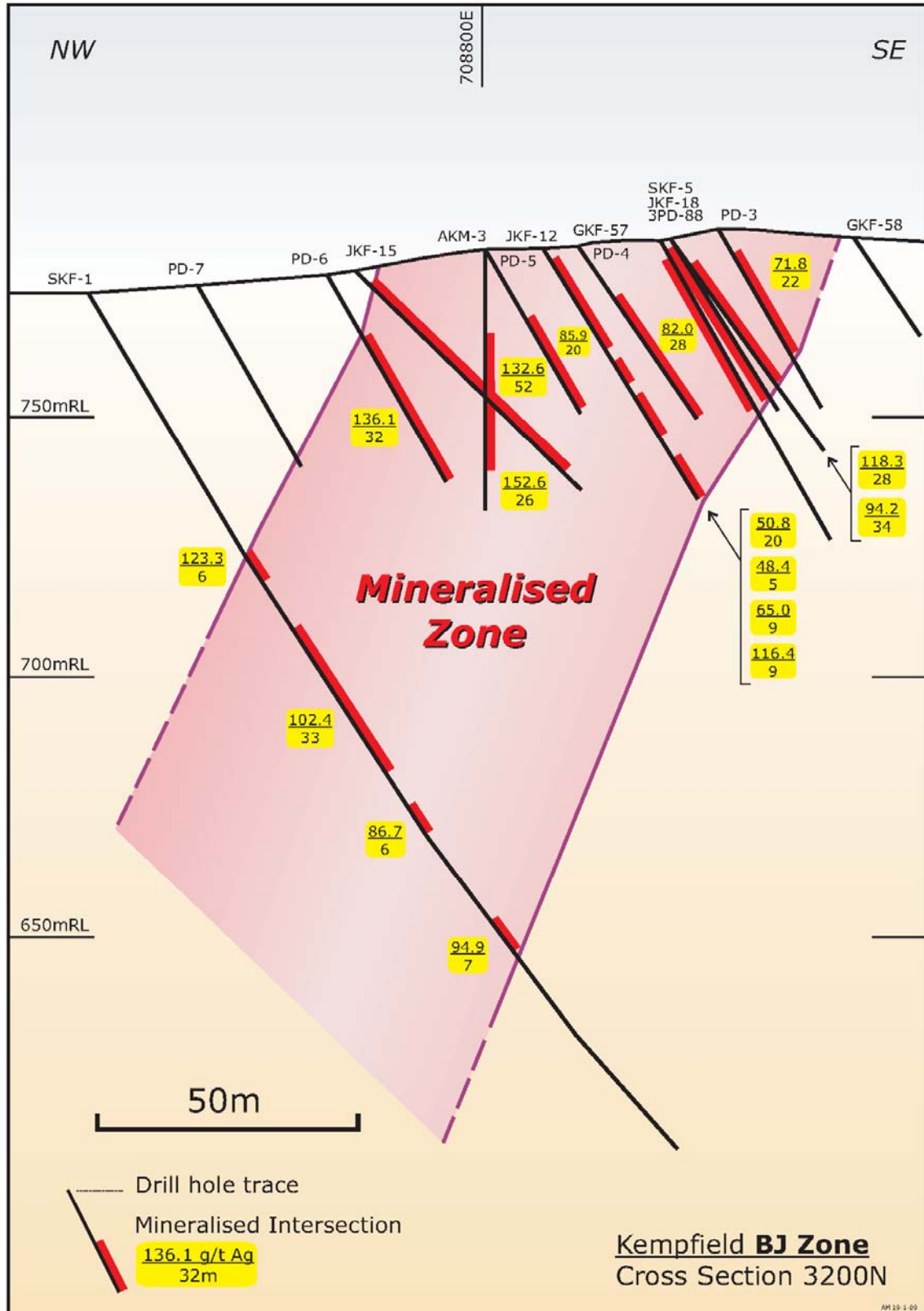
ARGENT

MINERALS LIMITED











Argent Minerals Limited may earn a 70% interest in the Kempfield Tenements from Golden Cross Resources Limited by spending \$2.745 million by June 2013.

For more information:

www.argentminerals.com.au

Kerry McHugh
Executive Chairman
Argent Minerals Limited
Ph: 0404 465 154

Competent Person Statement

The information in this Report that relates to Exploration is based on information compiled by David Timms, who is a member of the Australian Institute of Geoscientists, is a Technical Consultant to Argent, and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity 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". David consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.