



## **ASX ANNOUNCEMENT**

10 February 2010

## **BOARDROOM RADIO INTERVIEW**

Argent Minerals Limited advises that an audio broadcast with Argent's Executive Chairman, Kerry McHugh, commenting on Argent's highest recorded Silver grades at Kempfield, has been distributed by the Board Room Radio network and is available on Argent's website at [www.argentminerals.com.au](http://www.argentminerals.com.au). The ASX announcement, released on the 8 February 2010, is attached.

For more information:

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## ASX ANNOUNCEMENT

8 February 2010

### HIGHEST RECORDED SILVER GRADES AT KEMPFIELD

- Drilling at McCarron Zone intersects very high grade Silver including;

**4 metres at 1,285g/t silver (41 ozs of silver per tonne or the equivalent of 18.2g/t gold) in hole AKRC77.**

- Holes AKRC77 and 79, together with the high grade mineralization intersected in previously reported holes AKRC62 and 74 have the potential to extend the planned McCarron North pit shell some 75 metres to the north .
- Table 1 below shows the most significant intersections in holes AKRC77 and 79. Table 2 provides further details of the four holes drilled in the most recent programme together with details of previously reported holes AKRC62 and 74. Figure 1 shows the location of the holes.

**Table 1**

| Hole No       | From<br>(m) | Interval<br>(m) | Silver<br>(g/t) | Gold<br>(g/t) | Lead<br>(%) | Zinc<br>(%) | CBM*       |
|---------------|-------------|-----------------|-----------------|---------------|-------------|-------------|------------|
| <b>AKRC77</b> | <b>26</b>   | <b>40</b>       | <b>222.0</b>    | <b>0.31</b>   | <b>1.6</b>  | <b>2.2</b>  | <b>3.8</b> |
| Including     | <b>36</b>   | <b>4</b>        | <b>1285.0</b>   | <b>0.34</b>   | <b>0.7</b>  | <b>0.3</b>  | <b>1.0</b> |
| And including | <b>42</b>   | <b>8</b>        | <b>78.6</b>     | <b>0.28</b>   | <b>2.5</b>  | <b>6.1</b>  | <b>8.6</b> |
| <b>AKRC79</b> | <b>38</b>   | <b>32</b>       | <b>79.7</b>     | <b>0.21</b>   | <b>1.3</b>  | <b>1.1</b>  | <b>2.4</b> |
| Including     | <b>42</b>   | <b>18</b>       | <b>115.0</b>    | <b>0.24</b>   | <b>1.4</b>  | <b>1.1</b>  | <b>2.5</b> |

\*Combined base metals

Planned follow up drilling will include;

1. Holes to test the down dip extensions of the mineralization.
2. Holes will be drilled along the 255m of apparent strike to the north to where Hole AKRC35 intersected 6m averaging 0.22g/t gold, 163.7g/t silver and 2.4% CBM. However there are three previously drilled holes along this strike, see Figure 1 below which only intersected narrow bands of mineralization illustrating the lensy type nature of this type of mineralization. Planning of the follow up holes will take this into account.

Argent's Executive Chairman, Kerry McHugh, said it was very pleasing to see high silver grades over substantial widths in the McCarron Zone holes reported over the last six weeks. These, together with some modest gold grades and combined lead/zinc grades of up to 10%, can be expected to result in a valuable extension to the McCarron zone resources.

He added it was also pleasing to see the lead/zinc potential at Kempfield continuing to improve as these and other results show eg; holes AKRC73 at the Bean Quarry (10 m at 7.5 % lead/zinc ) and AKRC76 at the Quarry zone (8m at 6.1% lead/zinc).

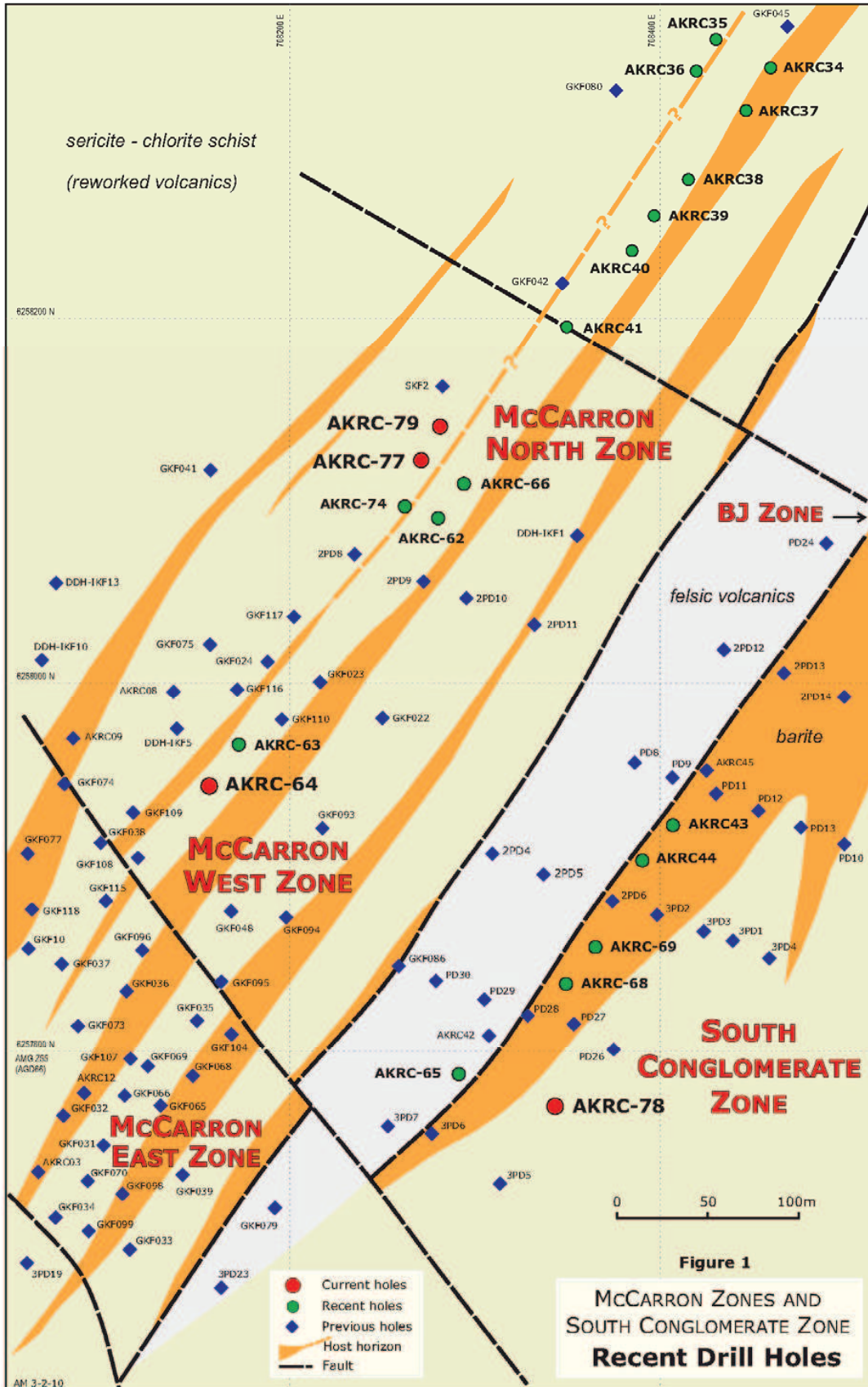


Figure 1



Argent may earn a 70% interest in the Kempfield Tenements from Golden Cross Resources Limited by the expenditure of \$2.745 million by July 2013.

For more information:

[www.argentminerals.com.au](http://www.argentminerals.com.au)

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**Table 2 Futher Results**

| Hole No                   | Easting | Northing  | From (m)       | Interval (m) | Silver g/t    | Gold g/t    | Lead %      | Zinc %      | CBM %        |
|---------------------------|---------|-----------|----------------|--------------|---------------|-------------|-------------|-------------|--------------|
| <b>McCarron North</b>     |         |           |                |              |               |             |             |             |              |
| AKRC62                    | 708280  | 6258090   | <b>Surface</b> | <b>44</b>    | <b>71.6</b>   | 0.20        | 0.03        | 0.46        | 0.49         |
|                           |         | Including | 4              | 6            | <b>212.7</b>  | 0.37        | 0.02        | 0.74        | 0.76         |
|                           |         | Including | 4              | 2            | <b>320.0</b>  | 0.36        | 0.01        | 0.73        | 0.74         |
|                           |         | Including | 36             | 6            | <b>133.3</b>  | 0.59        | 0.03        | 0.46        | 0.49         |
|                           |         | Including | 40             | 2            | <b>134.0</b>  | <b>1.53</b> | 0.02        | 0.74        | 0.76         |
|                           |         | And       | 68             | 4            | 4.4           | <b>1.21</b> | 0.06        | 0.17        | 0.23         |
| AKRC63<br>Deepened        | 708172  | 6257966   | 84             | 2            | 28.1          | 0.20        | <b>1.06</b> | <b>1.13</b> | <b>2.19</b>  |
| AKRC74                    | 708375  | 6258280   | 12             | <b>44</b>    | <b>159.7</b>  | 0.41        | <b>1.68</b> | <b>1.98</b> | <b>3.66</b>  |
|                           |         | including | 20             | 6            | <b>365.0</b>  | 0.20        | 0.66        | 0.27        | 0.97         |
|                           |         | Including | 40             | <b>16</b>    | <b>190.7</b>  | 0.53        | <b>3.14</b> | <b>4.89</b> | <b>8.03</b>  |
|                           |         | Including | 50             | 6            | <b>356.0</b>  | <b>1.07</b> | <b>4.66</b> | <b>6.94</b> | <b>11.60</b> |
|                           |         | And       | 90             | <b>18</b>    | 23.8          | 0.28        | 0.71        | <b>2.15</b> | <b>2.86</b>  |
|                           |         | Including | 90             | 4            | 31.0          | 0.29        | 0.92        | <b>2.45</b> | <b>3.37</b>  |
| AKRC77                    | 708270  | 6258122   | 26             | <b>96</b>    | <b>99.9</b>   | 0.27        | 0.98        | <b>1.53</b> | <b>2.51</b>  |
|                           |         | Including | 26             | <b>40</b>    | <b>222.0</b>  | 0.31        | <b>1.62</b> | <b>2.19</b> | <b>3.81</b>  |
|                           |         | Including | 26             | <b>16</b>    | <b>440.9</b>  | 0.37        | 0.87        | 0.55        | 1.42         |
|                           |         | Including | 36             | 4            | <b>1285.0</b> | 0.34        | 0.65        | 0.35        | 1.00         |
|                           |         | Including | 42             | 8            | <b>78.6</b>   | 0.28        | <b>2.55</b> | <b>6.06</b> | <b>8.61</b>  |
|                           |         | Including | 46             | 2            | <b>78.9</b>   | 0.35        | <b>2.24</b> | <b>7.96</b> | <b>10.20</b> |
|                           |         | Including | 58             | 8            | <b>80.2</b>   | 0.29        | <b>2.17</b> | <b>3.99</b> | <b>6.16</b>  |
| <b>South Conglomerate</b> |         |           |                |              |               |             |             |             |              |
| AKRC78                    | 708344  | 6257767   | 20             | 4            | <b>43.1</b>   | 0.25        | 0.69        | 0.18        | 0.87         |
|                           |         | and       | 36             | 6            | <b>36.9</b>   | <b>0.63</b> | 0.54        | 0.21        | 0.75         |
| <b>McCarron North</b>     |         |           |                |              |               |             |             |             |              |
| AKRC79                    | 708281  | 6258140   | 38             | <b>32</b>    | <b>79.7</b>   | 0.21        | <b>1.27</b> | <b>1.08</b> | <b>2.35</b>  |
|                           |         |           | 42             | <b>18</b>    | <b>115.0</b>  | 0.24        | <b>1.46</b> | <b>1.08</b> | <b>2.54</b>  |
|                           |         |           | 86             | 2            | 20.2          | <b>1.00</b> | 0.43        | 0.62        | <b>1.05</b>  |
|                           |         |           | 98             | 2            | 29.3          | <b>0.70</b> | 0.54        | <b>1.31</b> | <b>1.85</b>  |
|                           |         |           | 116            | 2            | 7.3           | <b>0.92</b> | 0.11        | <b>2.15</b> | <b>2.26</b>  |



## **Competent Person Statements**

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, and a Technical Consultant to Argent, and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Timms consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.