

25 May 2010

Herencia Resources plc

(“Herencia” or the “Company”)

Further high grade extension to the Cathedral vein at Paguanta

(Paguanta Zinc-Lead-Silver-Gold Project in Northern Chile)

Highlights:

- Assay results received from a further four holes in current drilling campaign
- High grade strike extension to the Cathedral vein intersected

Further to the Company’s announcement of 4 May 2010, Herencia Resources Plc (AIM: HER) is pleased to advise that assay results have been received from a further four holes (PTDD042 to PTDD045) in the current diamond drill program at the Company’s flagship Paguanta Project in northern Chile (Herencia 70% owner and manager).

Hole PTDD043 intersected high grade mineralisation approximately 50m to the east of high grades previously reported from PTDD041 (10m @ 5.8% Zn, 2.4% Pb, 126g/t Ag and 0.27g/t Au including 3.2m @ 12% Zn, 4.5% Pb, 230g/t Ag and 0.56g/t Au). The best intersection being:

- PTDD043 – 7.50m @ 7.1% zinc, 7.3% lead, 324g/t silver and 0.20g/t gold from 189.5m including **4.95m @ 9.5% zinc, 10.6% lead, 467g/t silver and 0.22g/t gold**

Due to the angle of drilling the true thickness of the vein is estimated to be close to the down hole thickness reported above. PTDD043 effectively extends the Cathedral vein a further 50m eastward and the vein remains open to the east and at depth.

Drilling is scheduled for completion by early-July 2010 to accommodate an additional 2,000m extension to the original 3,500m drill program as a result of early, positive assay results. The Company has completed approximately 3,700m with some 1,800m remaining to be drilled.

It is anticipated that all assay results will be returned by end-July 2010 with an update to the Mineral Resource Estimate expected by late August/early September 2010.

Commenting on the assay results, Managing Director Michael Bohm stated:

“The consistency of mineralisation seen in both PTDD041 and PTDD043 is very encouraging, as is the grade and thickness of the high grade interval. An important point to note is that whilst zinc remains the primary metal at Paguanta, the high lead and silver grades achieved in these holes are excellent. The program remains on track to be in a position to potentially commence a Feasibility Study in 4Q2010”.

Table 1 provides further information in relation to the holes drilled in the current program.

Table 1 - Results to date from the 2010 drill program at Paguanta Project:

| Hole ID | Easting | Northing | Dip/Azi (degrees) | From (m) | To (m) | Width (m) | Zinc Grade (%) | Lead Grade (%) | Silver Grade (g/t) | Gold Grade (g/t) |
|---------|---------|----------|-------------------|--|--------|-----------|----------------|----------------|--------------------|------------------|
| PTDD035 | 494433 | 7809547 | -45/180 | 59.00 | 69.50 | 10.50 | 5.1 | 1.0 | 63 | 0.27 |
| | | | | <i>including 2.17m @ 17.6%Zn, 3.3% Pb, 224 g/t Ag, 1.08g/t Au</i> | | | | | | |
| | | | | 100.00 | 100.55 | 0.55 | 2.0 | 1.8 | 89 | 0.55 |
| | | | | 148.55 | 149.4 | 0.85 | 2.2 | 0.7 | 28 | 0.10 |
| | | | | 158.75 | 162.25 | 3.50 | 1.8 | 0.6 | 30 | 0.36 |
| PTDD036 | 494355 | 7809530 | -45/180 | 139.80 | 142.80 | 3.00 | 2.0 | 0.8 | 41 | 0.19 |
| | | | | <i>including 1.0m @ 3.6%Zn, 0.9% Pb, 56g/t Ag, 0.45g/t Au and 0.25m @ 8.4%Zn, 5.0% Pb, 193g/t Ag, 0.36g/t Au</i> | | | | | | |
| | | | | 148.80 | 153.00 | 4.20 | 1.8 | 0.1 | 12 | 0.30 |
| | | | | <i>including 0.7m @ 2.8%Zn, 0.1% Pb, 10g/t Ag, 0.14g/t Au</i> | | | | | | |
| PTDD037 | 494228 | 7809662 | -47/180 | 177.00 | 182.00 | 5.00 | 8.2 | 0.2 | 25 | 0.52 |
| PTDD038 | 494360 | 7809417 | -54/300 | 110.20 | 114.00 | 3.80 | 2.9 | 1.2 | 68 | 0.30 |
| | | | | <i>including 1.6m @ 5.0% Zn, 1.9% Pb, 102g/t Ag, 0.44g/t Au</i> | | | | | | |
| | | | | 243.80 | 246.20 | 2.40 | 3.6 | 0.7 | 36 | 0.61 |
| | | | | <i>including 0.9m @ 6.2% Zn, 0.3% Pb, 26g/t Ag, 1.42g/t Au</i> | | | | | | |
| | | | | 274.40 | 276.90 | 2.50 | 5.6 | 0.8 | 71 | 0.22 |
| | | | | <i>including 0.8m @ 10.4% Zn, 0.9% Pb, 100g/t Ag, 0.31g/t Au</i> | | | | | | |
| PTDD039 | 494165 | 7809584 | -50/180 | 114.20 | 114.84 | 0.65 | 2.0 | 1.7 | 87 | 0.24 |
| PTDD040 | 494165 | 7809584 | -63/180 | 83.90 | 84.60 | 0.70 | 3.9 | 3.0 | 108 | 0.38 |
| PTDD041 | 494553 | 7809674 | -49/173 | 78.00 | 80.50 | 2.50 | 2.5 | 0.6 | 63 | 0.08 |
| | | | | <i>including 0.5m @ 10.0% Zn, 2.6% Pb, 314g/t Ag, 0.32g/t Au</i> | | | | | | |
| | | | | 185.00 | 195.00 | 10.00 | 5.8 | 2.4 | 126 | 0.27 |
| | | | | <i>including 3.2m @ 12.0% Zn, 4.5% Pb, 230g/t Ag, 0.56g/t Au</i> | | | | | | |
| | | | | 218.00 | 220.00 | 2.00 | 2.6 | 0.8 | 55 | 0.16 |
| | | | | 227.00 | 229.00 | 2.00 | 2.0 | 0.9 | 39 | 0.04 |
| | | | | 246.40 | 247.30 | 0.90 | 2.6 | 1.3 | 96 | 0.28 |
| | | | | 250.00 | 251.00 | 1.00 | 2.1 | 1.2 | 77 | 0.09 |
| | | | | 255.00 | 256.00 | 1.00 | 3.4 | 0.5 | 39 | 0.04 |
| PTDD042 | 494553 | 7809674 | -60/173 | 72.00 | 73.00 | 1.00 | 2.2 | 0.6 | 57 | 0.04 |
| | | | | 81.00 | 82.00 | 1.00 | 2.1 | 1.2 | 83 | 0.24 |
| | | | | 86.00 | 86.90 | 0.90 | 4.2 | 2.1 | 194 | 0.27 |
| | | | | 271.90 | 273.65 | 1.75 | 2.8 | 2.0 | 117 | 0.03 |
| | | | | 277.00 | 279.00 | 2.00 | 1.9 | 0.9 | 52 | 0.02 |
| | | | | 285.60 | 286.00 | 0.40 | 3.5 | 5.4 | 274 | 0.04 |
| PTDD043 | 494553 | 7809674 | -45/150 | 95.00 | 96.00 | 1.00 | 2.1 | 0.01 | 2 | 0.04 |
| | | | | 183.50 | 184.50 | 1.00 | 1.5 | 0.4 | 30 | 0.11 |
| | | | | 189.50 | 197.0 | 7.50 | 7.1 | 7.3 | 324 | 0.20 |
| | | | | <i>including 4.95m @ 9.5% Zn, 10.6% Pb, 467g/t Ag, 0.22g/t Au</i> | | | | | | |
| PTDD044 | 494553 | 7809674 | -67/196 | 85.50 | 86.00 | 0.50 | 2.4 | 0.8 | 73 | 0.18 |
| | | | | 107.50 | 108.00 | 0.50 | 2.0 | 0.9 | 62 | 0.22 |
| PTDD045 | 494388 | 7809660 | -60/180 | 20.00 | 21.00 | 1.00 | 1.9 | 1.1 | 1,650 | 0.61 |
| | | | | 101.20 | 101.50 | 0.30 | 2.6 | 0.7 | 26 | 0.04 |
| | | | | 108.00 | 109.00 | 1.00 | 1.8 | 5.4 | 284 | 0.02 |
| | | | | 169.60 | 170.30 | 0.70 | 2.6 | 1.3 | 198 | 0.48 |

Metreage quoted relate to down-hole intersections

All holes assayed by ALS La Serena 1kg 85% passing 75 micron HF-HNO₃ - HClO₄ digest

AAS AA26 ore grade finish DL - Pb 0.01-30%, Zn 0.01 -30% Ag 1-1500ppm,

AAS AA24 ore grade finish Au 0.005 - 10ppm Au DL fire assay

Hole ID co-ordinate grid is PSAD56 UTM Zone 19S.

References in this announcement to exploration results and potential have been approved for release by Mr Michael Bohm (BAppSc Mining Engineering WASM) and Mr Antonio Valverde (Bsc Geology Universidad Complutense de Madrid), both with more than 15 years' relevant experience in the field of activity concerned. Mr Bohm is a Member of the Australasian Institute of Mining and Metallurgy. Both Mr Bohm and Mr Valverde have consented to the inclusion of the material in the form and context in which it appears.

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