Orebody Modelling for Exploration: The Western Mineralisation, Broken Hill

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Drill hole: 4030

Easting: 9283.5
Northing: 1988.5
R.L.: 10314
Azimuth grid: 91
Total depth: 369
Dip: -74

Mineral (volume %) in each metre core by visual inspection

As (ppm)  Au (ppb)  Specific gravity
0  200  400  1000  2829.3  3132.3  3134.3
Drill hole: 4042

Easting: 9249.9
Northing: 1640.1
R.L.: 10315.5
Azimuth grid: 98
Total depth: 432.7
Dip: -70°

Depth (metre)

Quartzite
Dolomite
Meta psammite
Meta psammopelite
Meta pelite
Pegmatite
Blue quartz lode
Garnet quartzite

Zn% Sphalerite
Pb% Galena
S-Fe %
Ag-Cd (ppm)

Average & Maximum
(×10⁵ St Uats)

Magnetic susceptibility

Rock (volume %) in each metre core by visual inspection

Galena & sphalerite (volume %) in each metre core by visual inspection
Drill hole: 4042

East: 9249.9
North: 1640.1
RL: 10315.5
Azimuth grid: 88
Total depth: 432.7
Dip: -70

Blue quartz
White quartz
Green feldspar
Ilmenite
Laminitite
Network
Disseminated
Massive
Brecciated
Grain

As (ppm)
Sb-Bi (ppm)
Specific gravity

Mineral (volume %) in each metre core by visual inspection
Assay & specific gravity in each metre underground drill core

Depth (metre)
Assay & specific gravity in each metre underground drill core

- Zn%
- Pb%
- Fe%
- S%
- Ag (ppm)
- As (ppm)
- Sb (ppm)
- Bi (ppm)
- Specific gravity

Depth (metre):

Easting: 9536.474
Northing: 2000.853
R.L.: 10126.78
Azimuth grid: 280
Total depth: 202.2
Dip: -49

Drill hole: 4060
Assay & specific gravity in each metre underground drill core
Assay & specific gravity in each metre underground drill core
Assay & specific gravity in each metre underground drill core

- Zn%
- Pb%
- Fe%
- S%
- Ag (ppm)
- As (ppm)
- Sb (ppm)
- Bi (ppm)
- Specific gravity

Drill hole: 4063

Easting: 9524.85
Northing: 2065.99
R.L.: 10117.32
Azimuth grid: 255
Total depth: 211.8
Dip: -43
Assay & specific gravity in each metre underground drill core

- Zn%
- Pb%
- Fe%
- S%
- Ag (ppm)
- As (ppm)
- Sb (ppm)
- Bi (ppm)
- Specific gravity
Assay & specific gravity in each metre underground drill core
Assay & specific gravity in each metre underground drill core

Easting: 9502.965
Northing: 2181.22
R.L.: 10101.34
Azimuth grid: 277
Total depth: 142.4
Dip: -17

Drill hole: 4066
Assay & specific gravity in each metre underground drill core

- Zn%
- Pb%
- Fe%
- S%
- Ag (ppm)
- As (ppm)
- Sb (ppm)
- Bi (ppm)
- Specific gravity

Drill hole: 4067

Easting: 9503.051
Northing: 2181.692
R.L.: 10104.65
Azimuth grid: 288
Total depth: 1338
Dip: -6
Assay & specific gravity in each metre underground drill core

Drill hole: 4069

Depth (meter)

Zn% Pb% Fe% S% Ag (ppm) As (ppm) Sb (ppm) Bi (ppm) Specific gravity
Assay & specific gravity in each metre underground drill core

Zn%  Pb%  Fe%  S%  Ag (ppm)  As (ppm)  Sb (ppm)  Bi (ppm)  Specific gravity

Depth (metre)
Assay & specific gravity in each metre underground drill core

Drill hole: 4071

Easting: 9479.96
Northing: 2278.08
R.L.: 10088.21
Azimuth grid: 252
Total depth: 119.3
Dip: -2

Zn%  Pb%  Fe%  S%  Ag (ppm)  As (ppm)  Sb (ppm)  Bi (ppm)  Specific gravity

Depth (metre)

0  4  8  12
0  2  4  6
0  2  4  6
0  2  4  6
0  20  40  60
0  15  30  45  60
0  20  40  60
2.52  8  2.23  45  6
Assay & specific gravity in each metre underground drill core

Drill hole: 4072

Easting: 9479.87
Northing: 2278.08
R.L.: 10088.21
Azimuth grid: 252
Total depth: 140.1
Dip: -6
Assay & specific gravity in each metre underground drill core

Drill hole: 4073
Assay & specific gravity in each metre underground drill core

Drill hole: 4074
Assay & specific gravity in each metre underground drill core

Depth (metre)

Zn%  Pb%  Fe%  S%  Ag (ppm)  As (ppm)  Sb (ppm)  Bi (ppm)  Specific gravity
Assay & specific gravity in each metre underground drill core

- Zn%
- Pb%
- Fe%
- S%
- Ag (ppm)
- As (ppm)
- Sb (ppm)
- Bi (ppm)
- Specific gravity

Depth (metre)
Assay & specific gravity in each metre underground drill core

Drill hole: 4077

East: 9479.803
North: 2277.376
R.L: 10987.88
Azimuth grid: 238
Total depth: 161.2
Dip: -412

Zn%, Pb%, Fe%, S%, Ag (ppm), As (ppm), Sb (ppm), Bi (ppm), Specific gravity

Depth (metre)
Assay & specific gravity in each metre underground drill core

Drill hole: 4078

East: 9546.27
North: 2120.16
R.L.: 10053.87
Azimuth grid: 268
Total depth: 161.1
Dip: 10°
Assay & specific gravity in each metre underground drill core

- Zn% - Pb% - Fe% - S% - Ag (ppm) - As (ppm) - Sb (ppm) - Bi (ppm) - Specific gravity

Depth (metre)

Drill hole: 4080

Easting: 9546.24
Northing: 2119.86
R.L.: 10053.73
Azimuth grid: 260
Total depth: 167.2
Dip: -2