

**ASX ANNOUNCEMENT****ASX code: GED**

16 April 2019

## **Golden Deeps Provides Vanadium Production Joint Venture Update Sampling of Stockpile and Tailings**

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**Highlights:**

- **Sampling of vanadium stockpile and tailings for the Golden Deeps Generous Metals Company vanadium production JV at the Abenab Vanadium Project delivers highly positive results.**
  - **Rock chip samples of the stockpile contain up to 1.79% vanadium pentoxide.**
  - **Tailings dump auger samples contain up to 1.24% vanadium pentoxide.**
  - **Results confirm potential for very low-cost feed for the Golden Deeps and Generous Metals Company production JV.**
  - **Additional stockpiles and tailings identified at Abenab – sampling of these additional areas underway to assess potential for inclusion in JV.**
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Golden Deeps Limited (Golden Deeps) is pleased to provide the following update on the positive progress of its Joint Venture Agreement (JVA) with Hong Kong based metals trading company Generous Metals Company Limited (GMC) for first stage vanadium production at Golden Deeps' Abenab Vanadium Project in Namibia.

Golden Deeps and GMC entered into the JVA earlier this month, under which it is proposed that Golden Deeps' subsidiary, Huab Energy Pty Ltd (Huab), will provide existing stockpile and tailings from the Abenab Project to the Joint Venture (JV), to be crushed, concentrated, refined and then sold as an end vanadium product (refer details of the JV in ASX announcement, 8 April 2019).

Golden Deeps advises that the sampling of both the stockpile and tailings to be included in the JV have delivered highly positive results.

A total of 90 samples from the Abenab stockpiles were submitted for laboratory analysis and have returned results of up to 1.79% V<sub>2</sub>O<sub>5</sub>. A total of 172 auger holes were drilled into the Abenab tailings, and 328 samples were sent for laboratory analysis, which also delivered strong results - grading up to 1.24% V<sub>2</sub>O<sub>5</sub>.

The sampling results are highly encouraging, as they confirm the potential to provide very low-cost feed for the JV.

**Abenab Stockpile**

The stockpile included in the Joint Venture is located close to the Abenab open pit and is considered to be either unprocessed ore or mineralised waste from the historic mine (Figure 1). Samples of the coarse material have veneers of dark green descloizite, a vanadium-lead-zinc mineral. The stockpile material was sampled by Golden Deeps on a nominal 10m x 10m grid, by taking rock samples of 2-3kg from shallow pits at the surface of the stockpile, (Figures 2-3).

Stockpile samples were sent to a laboratory operated by Australian Laboratory Services (ALS) in Windhoek, Namibia for analysis. In total, 90 samples were submitted to ALS for independent vanadium and multi-element analysis. ALS reported results up to 1.79%  $V_2O_5$ , across the 90 samples. The assay results are set out in full in Appendix 1.

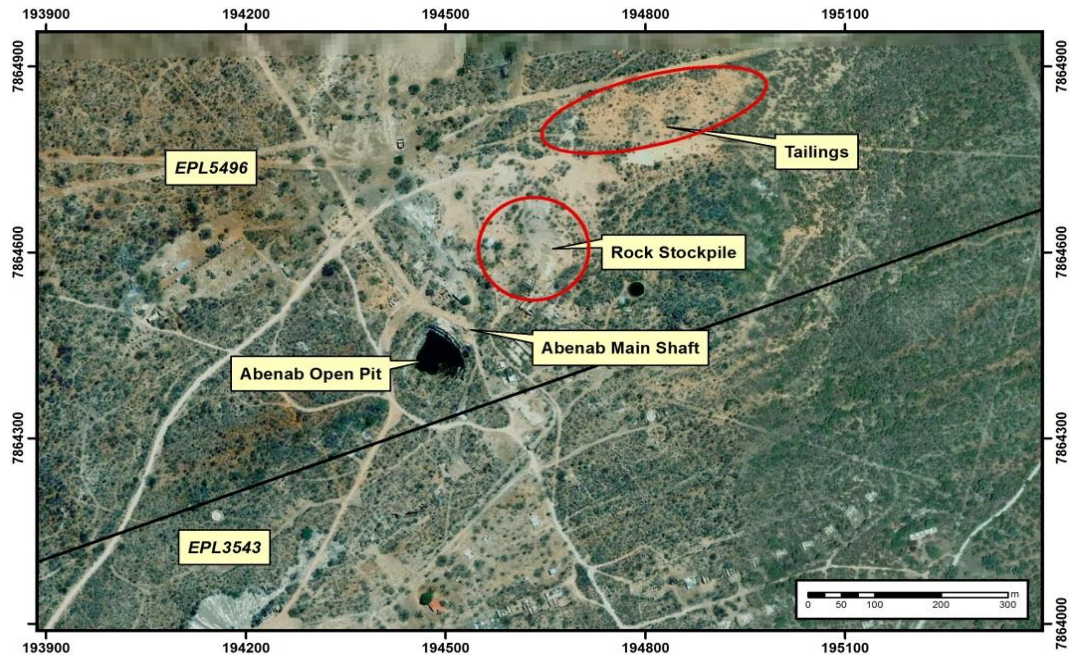


Figure 1: Abenab Project showing location of the open pit, tailings and rock stockpile.

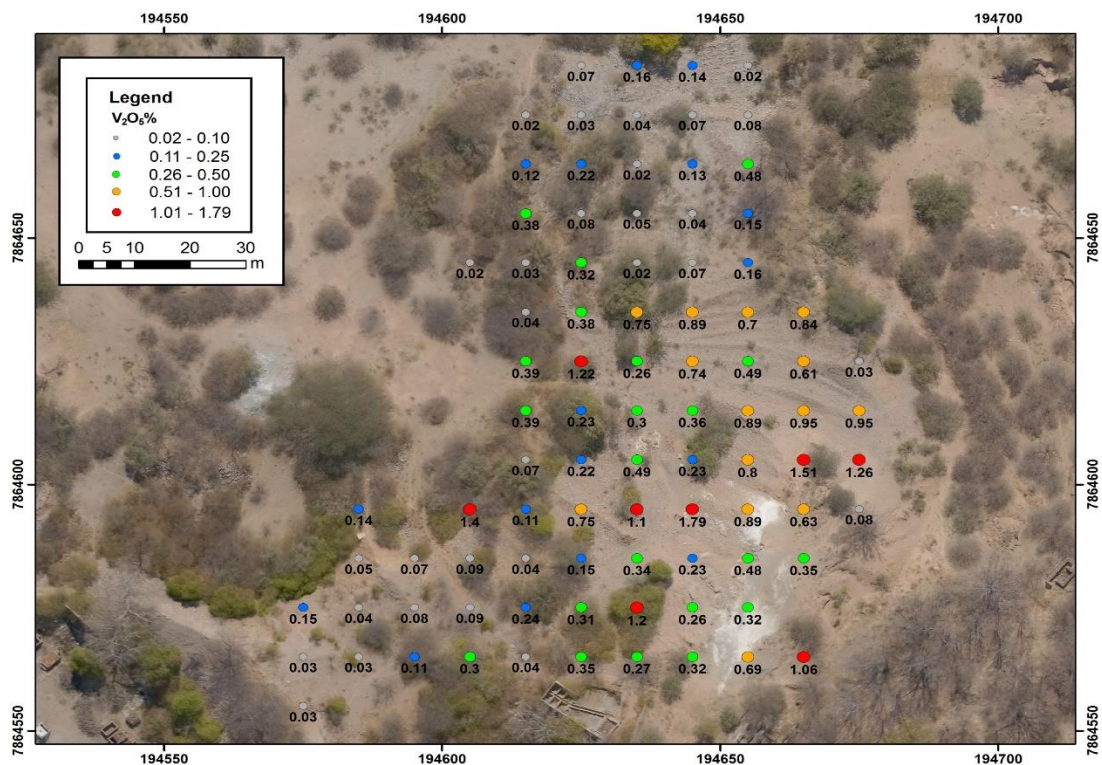


Figure 2: Abenab rock stockpile showing sample results



*Figure 3: Sample of rock from stockpile with dark veneer of vanadium bearing descloizite*

#### **Abenab Tailings**

The tailings from the Abenab plant included in the Joint Venture Agreement are located in a flat lying area to the northeast of the open pit. A total of 172 auger holes were drilled on a nominal 10m x 10m grid generating 328 samples that were submitted for independent analysis. The holes were drilled using a hand held power auger through the full depth of tailings which average 1-2m in thickness (Figure 4). Samples were taken at 1m intervals. ALS tested these samples, reporting results up to 1.24%  $V_2O_5$  (results are set out in full in Appendix 2). Auger hole Easting, Northing, RL and depth are set out in Appendix 3.



*Figure 4: Auger holes on the historic tailings impoundment at Abenab*

In addition to the stockpile and tailings included in the Joint Venture Agreement with GMC, Golden Deeps has identified additional stockpiles and tailings in the Abenab mine area. The Abenab mine operated when vanadium prices were substantially lower than they are now, so only higher-grade ore was processed. Lower grade ore encountered during mine development was probably either stockpiled for later treatment or considered waste. Assessment and sampling of the newly identified rock stockpiles, tailings and waste dumps is currently ongoing.

**For further information, please refer to the Company's website or contact:**

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**Caution Regarding Forward-Looking Information**

This document contains forward-looking statements concerning Golden Deeps Ltd. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward-looking statements in this document are based on the Company's beliefs, opinions and estimates of Golden Deeps Ltd as of the dates the forward-looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

**Competent Person Statement**

The information in this announcement that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr. Martin Bennett. Mr Bennett is an employee of Golden Deeps Limited and is a member of the Australian Institute of Geoscientists. Mr Bennett has sufficient experience that is 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 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bennett consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

**APPENDIX 1 –STOCKPILE ROCK CHIP SAMPLE ASSAYS**

| DataSet | SampleID | Sample Type | Grid_ID   | Northing | Easting | RL   | Pb_ppm | V_ppm | V2O5_ppm | Zn_ppm |
|---------|----------|-------------|-----------|----------|---------|------|--------|-------|----------|--------|
| ABENAB  | GD00343  | ROCK        | WGS84_34S | 7864575  | 194575  | 1288 | 4920   | 827   | 1476.36  | 5780   |
| ABENAB  | GD00344  | ROCK        | WGS84_34S | 7864565  | 194575  | 1293 | 6500   | 159   | 283.85   | 300000 |
| ABENAB  | GD00345  | ROCK        | WGS84_34S | 7864555  | 194575  | 1293 | 1950   | 191   | 340.97   | 14750  |
| ABENAB  | GD00346  | ROCK        | WGS84_34S | 7864565  | 194585  | 1292 | 1530   | 184   | 328.48   | 1540   |
| ABENAB  | GD00347  | ROCK        | WGS84_34S | 7864575  | 194585  | 1293 | 1920   | 250   | 446.30   | 4910   |
| ABENAB  | GD00348  | ROCK        | WGS84_34S | 7864585  | 194585  | 1289 | 2010   | 272   | 485.57   | 3920   |
| ABENAB  | GD00349  | ROCK        | WGS84_34S | 7864595  | 194585  | 1287 | 4060   | 799   | 1426.37  | 2910   |
| ABENAB  | GD00350  | ROCK        | WGS84_34S | 7864585  | 194595  | 1289 | 2110   | 416   | 742.64   | 2110   |
| ABENAB  | GD00351  | ROCK        | WGS84_34S | 7864575  | 194595  | 1293 | 2590   | 473   | 844.40   | 2420   |
| ABENAB  | GD00352  | ROCK        | WGS84_34S | 7864565  | 194595  | 1295 | 4060   | 612   | 1092.54  | 2640   |
| ABENAB  | GD00353  | ROCK        | WGS84_34S | 7864565  | 194605  | 1295 | 9340   | 1700  | 3034.84  | 7280   |
| ABENAB  | GD00354  | ROCK        | WGS84_34S | 7864565  | 194615  | 1295 | 2720   | 225   | 401.67   | 3300   |
| ABENAB  | GD00355  | ROCK        | WGS84_34S | 7864565  | 194625  | 1295 | 28500  | 1960  | 3498.99  | 15750  |
| ABENAB  | GD00356  | ROCK        | WGS84_34S | 7864565  | 194635  | 1299 | 7930   | 1500  | 2677.80  | 5890   |
| ABENAB  | GD00357  | ROCK        | WGS84_34S | 7864565  | 194645  | 1303 | 55300  | 1780  | 3177.66  | 181500 |
| ABENAB  | GD00358  | ROCK        | WGS84_34S | 7864565  | 194655  | 1304 | 34700  | 3860  | 6890.87  | 68000  |
| ABENAB  | GD00359  | ROCK        | WGS84_34S | 7864565  | 194665  | 1310 | 61000  | 5960  | 10639.79 | 126500 |
| ABENAB  | GD00360  | ROCK        | WGS84_34S | 7864575  | 194655  | 1305 | 13500  | 1820  | 3249.06  | 21100  |
| ABENAB  | GD00361  | ROCK        | WGS84_34S | 7864585  | 194665  | 1305 | 12350  | 1960  | 3498.99  | 14900  |
| ABENAB  | GD00362  | ROCK        | WGS84_34S | 7864585  | 194655  | 1305 | 34900  | 2690  | 4802.19  | 93600  |
| ABENAB  | GD00363  | ROCK        | WGS84_34S | 7864595  | 194665  | 1303 | 31700  | 3520  | 6283.90  | 16400  |
| ABENAB  | GD00364  | ROCK        | WGS84_34S | 7864595  | 194675  | 1302 | 3860   | 466   | 831.90   | 14000  |
| ABENAB  | GD00365  | ROCK        | WGS84_34S | 7864605  | 194675  | 1301 | 33700  | 7080  | 12639.22 | 13850  |
| ABENAB  | GD00366  | ROCK        | WGS84_34S | 7864615  | 194675  | 1295 | 25200  | 5330  | 9515.12  | 10150  |
| ABENAB  | GD00367  | ROCK        | WGS84_34S | 7864605  | 194665  | 1299 | 38700  | 8470  | 15120.64 | 15500  |
| ABENAB  | GD00368  | ROCK        | WGS84_34S | 7864595  | 194655  | 1305 | 23400  | 5000  | 8926.00  | 19000  |
| ABENAB  | GD00369  | ROCK        | WGS84_34S | 7864585  | 194645  | 1304 | 7000   | 1290  | 2302.91  | 11500  |
| ABENAB  | GD00370  | ROCK        | WGS84_34S | 7864575  | 194645  | 1304 | 48200  | 1480  | 2642.10  | 175000 |
| ABENAB  | GD00371  | ROCK        | WGS84_34S | 7864575  | 194635  | 1301 | 28200  | 6710  | 11978.69 | 11150  |
| ABENAB  | GD00372  | ROCK        | WGS84_34S | 7864575  | 194625  | 1296 | 9150   | 1760  | 3141.95  | 5090   |
| ABENAB  | GD00374  | ROCK        | WGS84_34S | 7864585  | 194635  | 1295 | 10100  | 1920  | 3427.58  | 7400   |
| ABENAB  | GD00375  | ROCK        | WGS84_34S | 7864595  | 194645  | 1297 | 60700  | 10000 | 17852.00 | 26000  |
| ABENAB  | GD00376  | ROCK        | WGS84_34S | 7864605  | 194655  | 1299 | 20700  | 4490  | 8015.55  | 13750  |
| ABENAB  | GD00377  | ROCK        | WGS84_34S | 7864615  | 194665  | 1297 | 23900  | 5310  | 9479.41  | 10450  |
| ABENAB  | GD00378  | ROCK        | WGS84_34S | 7864625  | 194675  | 1295 | 1880   | 183   | 326.69   | 4050   |
| ABENAB  | GD00379  | ROCK        | WGS84_34S | 7864625  | 194665  | 1292 | 18300  | 3440  | 6141.09  | 10850  |
| ABENAB  | GD00380  | ROCK        | WGS84_34S | 7864615  | 194655  | 1300 | 22800  | 4960  | 8854.59  | 10550  |
| ABENAB  | GD00381  | ROCK        | WGS84_34S | 7864605  | 194645  | 1295 | 7450   | 1300  | 2320.76  | 5710   |
| ABENAB  | GD00382  | ROCK        | WGS84_34S | 7864595  | 194635  | 1295 | 28000  | 6140  | 10961.13 | 14800  |
| ABENAB  | GD00383  | ROCK        | WGS84_34S | 7864585  | 194625  | 1296 | 5710   | 837   | 1494.21  | 6190   |
| ABENAB  | GD00384  | ROCK        | WGS84_34S | 7864575  | 194615  | 1296 | 8250   | 1330  | 2374.32  | 9440   |
| ABENAB  | GD00385  | ROCK        | WGS84_34S | 7864575  | 194605  | 1296 | 3270   | 510   | 910.45   | 3710   |
| ABENAB  | GD00386  | ROCK        | WGS84_34S | 7864585  | 194615  | 1295 | 2270   | 242   | 432.02   | 2680   |
| ABENAB  | GD00387  | ROCK        | WGS84_34S | 7864595  | 194625  | 1295 | 21600  | 4210  | 7515.69  | 8090   |

| DataSet | SampleID | Sample Type | Grid_ID   | Northing | Easting | RL   | Pb_ppm | V_ppm | V205_ppm | Zn_ppm |
|---------|----------|-------------|-----------|----------|---------|------|--------|-------|----------|--------|
| ABENAB  | GD00388  | ROCK        | WGS84_34S | 7864605  | 194635  | 1295 | 12650  | 2730  | 4873.60  | 7510   |
| ABENAB  | GD00389  | ROCK        | WGS84_34S | 7864615  | 194645  | 1296 | 10050  | 2040  | 3641.81  | 7870   |
| ABENAB  | GD00390  | ROCK        | WGS84_34S | 7864625  | 194655  | 1296 | 13550  | 2750  | 4909.30  | 5230   |
| ABENAB  | GD00391  | ROCK        | WGS84_34S | 7864635  | 194665  | 1295 | 22000  | 4680  | 8354.74  | 10450  |
| ABENAB  | GD00392  | ROCK        | WGS84_34S | 7864635  | 194655  | 1298 | 20200  | 3940  | 7033.69  | 18900  |
| ABENAB  | GD00393  | ROCK        | WGS84_34S | 7864625  | 194645  | 1296 | 20300  | 4160  | 7426.43  | 8820   |
| ABENAB  | GD00394  | ROCK        | WGS84_34S | 7864615  | 194635  | 1293 | 9070   | 1690  | 3016.99  | 7120   |
| ABENAB  | GD00395  | ROCK        | WGS84_34S | 7864605  | 194625  | 1294 | 6590   | 1260  | 2249.35  | 3800   |
| ABENAB  | GD00396  | ROCK        | WGS84_34S | 7864595  | 194615  | 1294 | 3790   | 590   | 1053.27  | 4770   |
| ABENAB  | GD00397  | ROCK        | WGS84_34S | 7864585  | 194605  | 1294 | 3030   | 514   | 917.59   | 2000   |
| ABENAB  | GD00398  | ROCK        | WGS84_34S | 7864595  | 194605  | 1292 | 34800  | 7860  | 14031.67 | 11900  |
| ABENAB  | GD00399  | ROCK        | WGS84_34S | 7864605  | 194615  | 1291 | 2490   | 417   | 744.43   | 2010   |
| ABENAB  | GD00401  | ROCK        | WGS84_34S | 7864615  | 194625  | 1292 | 6920   | 1270  | 2267.20  | 5000   |
| ABENAB  | GD00402  | ROCK        | WGS84_34S | 7864625  | 194635  | 1293 | 8190   | 1440  | 2570.69  | 6540   |
| ABENAB  | GD00403  | ROCK        | WGS84_34S | 7864635  | 194645  | 1293 | 24100  | 4970  | 8872.44  | 9300   |
| ABENAB  | GD00404  | ROCK        | WGS84_34S | 7864645  | 194655  | 1291 | 5840   | 883   | 1576.33  | 5660   |
| ABENAB  | GD00405  | ROCK        | WGS84_34S | 7864655  | 194655  | 1292 | 4370   | 841   | 1501.35  | 1830   |
| ABENAB  | GD00406  | ROCK        | WGS84_34S | 7864645  | 194645  | 1292 | 2880   | 396   | 706.94   | 4390   |
| ABENAB  | GD00407  | ROCK        | WGS84_34S | 7864635  | 194635  | 1291 | 20200  | 4190  | 7479.99  | 13800  |
| ABENAB  | GD00408  | ROCK        | WGS84_34S | 7864625  | 194625  | 1291 | 30800  | 6860  | 12246.47 | 12900  |
| ABENAB  | GD00409  | ROCK        | WGS84_34S | 7864615  | 194615  | 1291 | 10600  | 2210  | 3945.29  | 8370   |
| ABENAB  | GD00410  | ROCK        | WGS84_34S | 7864625  | 194615  | 1286 | 10950  | 2200  | 3927.44  | 6840   |
| ABENAB  | GD00412  | ROCK        | WGS84_34S | 7864635  | 194625  | 1286 | 11950  | 2130  | 3802.48  | 9300   |
| ABENAB  | GD00413  | ROCK        | WGS84_34S | 7864645  | 194635  | 1287 | 1020   | 109   | 194.59   | 1540   |
| ABENAB  | GD00414  | ROCK        | WGS84_34S | 7864655  | 194645  | 1291 | 1510   | 206   | 367.75   | 4580   |
| ABENAB  | GD00415  | ROCK        | WGS84_34S | 7864665  | 194655  | 1290 | 13700  | 2700  | 4820.04  | 6950   |
| ABENAB  | GD00416  | ROCK        | WGS84_34S | 7864675  | 194655  | 1290 | 2670   | 427   | 762.28   | 4530   |
| ABENAB  | GD00417  | ROCK        | WGS84_34S | 7864665  | 194645  | 1291 | 4400   | 748   | 1335.33  | 3960   |
| ABENAB  | GD00418  | ROCK        | WGS84_34S | 7864655  | 194635  | 1291 | 2120   | 261   | 465.94   | 3330   |
| ABENAB  | GD00419  | ROCK        | WGS84_34S | 7864645  | 194625  | 1290 | 9220   | 1780  | 3177.66  | 5660   |
| ABENAB  | GD00420  | ROCK        | WGS84_34S | 7864635  | 194615  | 1289 | 1730   | 219   | 390.96   | 1540   |
| ABENAB  | GD00421  | ROCK        | WGS84_34S | 7864645  | 194615  | 1289 | 1230   | 168   | 299.91   | 1820   |
| ABENAB  | GD00422  | ROCK        | WGS84_34S | 7864655  | 194625  | 1288 | 2880   | 475   | 847.97   | 1850   |
| ABENAB  | GD00423  | ROCK        | WGS84_34S | 7864665  | 194635  | 1288 | 1170   | 124   | 221.36   | 3220   |
| ABENAB  | GD00424  | ROCK        | WGS84_34S | 7864675  | 194645  | 1289 | 2380   | 382   | 681.95   | 3470   |
| ABENAB  | GD00425  | ROCK        | WGS84_34S | 7864685  | 194655  | 1290 | 955    | 131   | 233.86   | 1400   |
| ABENAB  | GD00426  | ROCK        | WGS84_34S | 7864685  | 194645  | 1291 | 4590   | 788   | 1406.74  | 3260   |
| ABENAB  | GD00427  | ROCK        | WGS84_34S | 7864675  | 194635  | 1288 | 1510   | 208   | 371.32   | 2000   |
| ABENAB  | GD00428  | ROCK        | WGS84_34S | 7864665  | 194625  | 1287 | 6910   | 1260  | 2249.35  | 6050   |
| ABENAB  | GD00429  | ROCK        | WGS84_34S | 7864655  | 194615  | 1288 | 11450  | 2140  | 3820.33  | 5740   |
| ABENAB  | GD00430  | ROCK        | WGS84_34S | 7864645  | 194605  | 1285 | 1080   | 123   | 219.58   | 1730   |
| ABENAB  | GD00431  | ROCK        | WGS84_34S | 7864665  | 194615  | 1288 | 3680   | 655   | 1169.31  | 3560   |
| ABENAB  | GD00432  | ROCK        | WGS84_34S | 7864675  | 194625  | 1288 | 1550   | 175   | 312.41   | 3650   |
| ABENAB  | GD00433  | ROCK        | WGS84_34S | 7864685  | 194635  | 1288 | 4370   | 890   | 1588.83  | 2570   |
| ABENAB  | GD00434  | ROCK        | WGS84_34S | 7864685  | 194625  | 1286 | 2350   | 382   | 681.95   | 2160   |
| ABENAB  | GD00435  | ROCK        | WGS84_34S | 7864675  | 194615  | 1285 | 822    | 117   | 208.87   | 1560   |

**APPENDIX 2 – TAILINGS AUGER SAMPLE ASSAYS**

| DataSet | SampleID | Hole_ID | Depth_From | Depth_To | V_ppm | V_pct | V2O5_pct | Pb_pct | Zn_pct |
|---------|----------|---------|------------|----------|-------|-------|----------|--------|--------|
| ABENAB  | GD0001   | ABTS001 | 0          | 1        | 1860  | 0.186 | 0.33201  | 1.57   | 1.85   |
| ABENAB  | GD0002   | ABTS001 | 1          | 2        | 1360  | 0.136 | 0.24276  | 1.4    | 2.54   |
| ABENAB  | GD0003   | ABTS002 | 0          | 1        | 1910  | 0.191 | 0.340935 | 1.45   | 1.895  |
| ABENAB  | GD0004   | ABTS002 | 1          | 2        | 1220  | 0.122 | 0.21777  | 1.88   | 2.52   |
| ABENAB  | GD0005   | ABTS003 | 0          | 1        | 1520  | 0.152 | 0.27132  | 1.3    | 1.91   |
| ABENAB  | GD0006   | ABTS003 | 1          | 2        | 1460  | 0.146 | 0.26061  | 1.65   | 2.28   |
| ABENAB  | GD0007   | ABTS004 | 0          | 1        | 1450  | 0.145 | 0.258825 | 1.235  | 1.925  |
| ABENAB  | GD0008   | ABTS004 | 1          | 2        | 1630  | 0.163 | 0.290955 | 1.67   | 2.21   |
| ABENAB  | GD0009   | ABTS005 | 0          | 1        | 1280  | 0.128 | 0.22848  | 1.165  | 1.995  |
| ABENAB  | GD0010   | ABTS005 | 1          | 2        | 1880  | 0.188 | 0.33558  | 1.785  | 2.19   |
| ABENAB  | GD0011   | ABTS006 | 0          | 1        | 1320  | 0.132 | 0.23562  | 1.23   | 2.61   |
| ABENAB  | GD0012   | ABTS006 | 1          | 2        | 1710  | 0.171 | 0.305235 | 1.635  | 2.02   |
| ABENAB  | GD0013   | ABTS007 | 0          | 1        | 1720  | 0.172 | 0.30702  | 1.76   | 2.16   |
| ABENAB  | GD0014   | ABTS008 | 0          | 1        | 1340  | 0.134 | 0.23919  | 1.765  | 1.775  |
| ABENAB  | GD0015   | ABTS008 | 1          | 2        | 1090  | 0.109 | 0.194565 | 1.57   | 1.85   |
| ABENAB  | GD0016   | ABTS009 | 0          | 1        | 1380  | 0.138 | 0.24633  | 1.575  | 1.805  |
| ABENAB  | GD0017   | ABTS010 | 0          | 1        | 1400  | 0.14  | 0.2499   | 1.37   | 2.29   |
| ABENAB  | GD0018   | ABTS010 | 1          | 2        | 1320  | 0.132 | 0.23562  | 1.46   | 2.15   |
| ABENAB  | GD0019   | ABTS011 | 0          | 1        | 1320  | 0.132 | 0.23562  | 1.135  | 2.03   |
| ABENAB  | GD0020   | ABTS011 | 1          | 2        | 1120  | 0.112 | 0.19992  | 2.01   | 2.32   |
| ABENAB  | GD0021   | ABTS012 | 0          | 1        | 1030  | 0.103 | 0.183855 | 1.07   | 2.37   |
| ABENAB  | GD0022   | ABTS012 | 1          | 2        | 1160  | 0.116 | 0.20706  | 1.86   | 2.27   |
| ABENAB  | GD0023   | ABTS013 | 0          | 1        | 1430  | 0.143 | 0.255255 | 1.215  | 2.06   |
| ABENAB  | GD0024   | ABTS013 | 1          | 2        | 1290  | 0.129 | 0.230265 | 1.635  | 2.36   |
| ABENAB  | GD0025   | ABTS014 | 0          | 1        | 1580  | 0.158 | 0.28203  | 1.225  | 1.94   |
| ABENAB  | GD0026   | ABTS014 | 1          | 2        | 1260  | 0.126 | 0.22491  | 1.48   | 2.58   |
| ABENAB  | GD0027   | ABTS015 | 0          | 1        | 1670  | 0.167 | 0.298095 | 1.32   | 2.22   |
| ABENAB  | GD0028   | ABTS015 | 1          | 2        | 1670  | 0.167 | 0.298095 | 1.77   | 3.12   |
| ABENAB  | GD0029   | ABTS016 | 0          | 1        | 1310  | 0.131 | 0.233835 | 1.25   | 2.93   |
| ABENAB  | GD0030   | ABTS016 | 1          | 2        | 1210  | 0.121 | 0.215985 | 1.915  | 2.4    |
| ABENAB  | GD0032   | ABTS017 | 0          | 1        | 960   | 0.096 | 0.17136  | 1.005  | 2.3    |
| ABENAB  | GD0033   | ABTS017 | 1          | 2        | 1120  | 0.112 | 0.19992  | 1.79   | 2.91   |
| ABENAB  | GD0034   | ABTS018 | 0          | 1        | 1180  | 0.118 | 0.21063  | 1.265  | 2.49   |
| ABENAB  | GD0035   | ABTS018 | 1          | 2        | 1480  | 0.148 | 0.26418  | 1.775  | 2.13   |
| ABENAB  | GD0036   | ABTS019 | 0          | 1        | 1360  | 0.136 | 0.24276  | 1.325  | 2.38   |
| ABENAB  | GD0037   | ABTS019 | 1          | 2        | 1220  | 0.122 | 0.21777  | 1.735  | 1.805  |
| ABENAB  | GD0038   | ABTS020 | 0          | 1        | 1520  | 0.152 | 0.27132  | 1.445  | 2.19   |
| ABENAB  | GD0039   | ABTS021 | 0          | 1        | 1260  | 0.126 | 0.22491  | 1.28   | 1.92   |
| ABENAB  | GD0040   | ABTS021 | 1          | 2        | 1380  | 0.138 | 0.24633  | 1.445  | 2.6    |
| ABENAB  | GD0041   | ABTS022 | 0          | 1        | 1450  | 0.145 | 0.258825 | 1.395  | 2.32   |
| ABENAB  | GD0042   | ABTS022 | 1          | 2        | 1550  | 0.155 | 0.276675 | 1.595  | 2.25   |
| ABENAB  | GD0043   | ABTS023 | 0          | 1        | 1540  | 0.154 | 0.27489  | 1.52   | 2.61   |
| ABENAB  | GD0044   | ABTS023 | 1          | 2        | 1510  | 0.151 | 0.269535 | 1.615  | 2.15   |

| DataSet | SampleID | Hole_ID | Depth_From | Depth_To | V_ppm | V_pct | V2O5_pct | Pb_pct | Zn_pct |
|---------|----------|---------|------------|----------|-------|-------|----------|--------|--------|
| ABENAB  | GD0045   | ABTS024 | 0          | 1        | 1060  | 0.106 | 0.18921  | 1.315  | 3.2    |
| ABENAB  | GD0046   | ABTS024 | 1          | 2        | 1380  | 0.138 | 0.24633  | 1.945  | 2.03   |
| ABENAB  | GD0047   | ABTS025 | 0          | 1        | 1230  | 0.123 | 0.219555 | 1.15   | 2.13   |
| ABENAB  | GD0048   | ABTS025 | 1          | 2        | 1490  | 0.149 | 0.265965 | 1.765  | 2.2    |
| ABENAB  | GD0049   | ABTS026 | 0          | 1        | 1470  | 0.147 | 0.262395 | 1.225  | 1.935  |
| ABENAB  | GD0050   | ABTS026 | 1          | 2        | 1510  | 0.151 | 0.269535 | 1.625  | 2.21   |
| ABENAB  | GD0051   | ABTS027 | 0          | 1        | 2430  | 0.243 | 0.433755 | 1.8    | 2.51   |
| ABENAB  | GD0052   | ABTS027 | 1          | 2        | 1760  | 0.176 | 0.31416  | 1.935  | 3.05   |
| ABENAB  | GD0053   | ABTS028 | 0          | 1        | 1860  | 0.186 | 0.33201  | 1.455  | 1.875  |
| ABENAB  | GD0054   | ABTS028 | 1          | 2        | 1600  | 0.16  | 0.2856   | 1.63   | 2.52   |
| ABENAB  | GD0055   | ABTS029 | 0          | 1        | 1690  | 0.169 | 0.301665 | 1.325  | 1.825  |
| ABENAB  | GD0056   | ABTS029 | 1          | 2        | 1630  | 0.163 | 0.290955 | 1.905  | 2.7    |
| ABENAB  | GD0057   | ABTS030 | 0          | 1        | 1780  | 0.178 | 0.31773  | 1.405  | 1.9    |
| ABENAB  | GD0058   | ABTS030 | 1          | 2        | 1620  | 0.162 | 0.28917  | 1.685  | 2.32   |
| ABENAB  | GD0059   | ABTS031 | 0          | 1        | 1470  | 0.147 | 0.262395 | 1.27   | 2.01   |
| ABENAB  | GD0060   | ABTS031 | 1          | 2        | 1360  | 0.136 | 0.24276  | 1.505  | 2      |
| ABENAB  | GD0062   | ABTS032 | 0          | 1        | 1280  | 0.128 | 0.22848  | 1.135  | 2      |
| ABENAB  | GD0063   | ABTS032 | 1          | 2        | 1180  | 0.118 | 0.21063  | 1.595  | 2      |
| ABENAB  | GD0064   | ABTS033 | 0          | 1        | 1350  | 0.135 | 0.240975 | 1.21   | 2.06   |
| ABENAB  | GD0065   | ABTS033 | 1          | 2        | 1420  | 0.142 | 0.25347  | 1.455  | 2.18   |
| ABENAB  | GD0066   | ABTS034 | 0          | 1        | 1360  | 0.136 | 0.24276  | 1.41   | 2.38   |
| ABENAB  | GD0067   | ABTS034 | 1          | 2        | 1330  | 0.133 | 0.237405 | 1.51   | 2.43   |
| ABENAB  | GD0068   | ABTS035 | 0          | 1        | 1440  | 0.144 | 0.25704  | 1.365  | 2.35   |
| ABENAB  | GD0069   | ABTS036 | 0          | 1        | 1430  | 0.143 | 0.255255 | 1.445  | 2.26   |
| ABENAB  | GD0070   | ABTS037 | 0          | 1        | 1210  | 0.121 | 0.215985 | 1.155  | 2.17   |
| ABENAB  | GD0071   | ABTS037 | 1          | 2        | 1400  | 0.14  | 0.2499   | 1.465  | 2.96   |
| ABENAB  | GD0072   | ABTS038 | 0          | 1        | 1250  | 0.125 | 0.223125 | 1.24   | 1.975  |
| ABENAB  | GD0073   | ABTS038 | 1          | 2        | 1270  | 0.127 | 0.226695 | 1.27   | 2.52   |
| ABENAB  | GD0074   | ABTS039 | 0          | 1        | 1250  | 0.125 | 0.223125 | 1.2    | 2.07   |
| ABENAB  | GD0075   | ABTS039 | 1          | 2        | 1130  | 0.113 | 0.201705 | 1.42   | 2.31   |
| ABENAB  | GD0076   | ABTS040 | 0          | 1        | 1070  | 0.107 | 0.190995 | 1.095  | 1.63   |
| ABENAB  | GD0077   | ABTS040 | 1          | 2        | 1350  | 0.135 | 0.240975 | 1.58   | 2.45   |
| ABENAB  | GD0078   | ABTS041 | 0          | 1        | 1340  | 0.134 | 0.23919  | 1.095  | 2.08   |
| ABENAB  | GD0079   | ABTS041 | 1          | 2        | 1620  | 0.162 | 0.28917  | 1.8    | 2.98   |
| ABENAB  | GD0080   | ABTS042 | 0          | 1        | 1350  | 0.135 | 0.240975 | 1.38   | 1.865  |
| ABENAB  | GD0081   | ABTS042 | 1          | 2        | 1370  | 0.137 | 0.244545 | 1.485  | 2.28   |
| ABENAB  | GD0082   | ABTS043 | 0          | 1        | 1120  | 0.112 | 0.19992  | 1.145  | 1.675  |
| ABENAB  | GD0083   | ABTS043 | 1          | 2        | 1220  | 0.122 | 0.21777  | 1.19   | 1.59   |
| ABENAB  | GD0084   | ABTS044 | 0          | 1        | 1570  | 0.157 | 0.280245 | 1.495  | 1.72   |
| ABENAB  | GD0085   | ABTS044 | 1          | 2        | 1100  | 0.11  | 0.19635  | 1.235  | 2.53   |
| ABENAB  | GD0086   | ABTS045 | 0          | 1        | 1470  | 0.147 | 0.262395 | 1.38   | 1.855  |
| ABENAB  | GD0087   | ABTS045 | 1          | 2        | 1190  | 0.119 | 0.212415 | 1.295  | 2.89   |
| ABENAB  | GD0088   | ABTS046 | 0          | 1        | 1350  | 0.135 | 0.240975 | 1.34   | 1.765  |
| ABENAB  | GD0089   | ABTS046 | 1          | 2        | 1310  | 0.131 | 0.233835 | 1.295  | 2.86   |

| DataSet | SampleID | Hole_ID | Depth_From | Depth_To | V_ppm | V_pct  | V2O5_pct | Pb_pct | Zn_pct |
|---------|----------|---------|------------|----------|-------|--------|----------|--------|--------|
| ABENAB  | GD0090   | ABTS047 | 0          | 1        | 1690  | 0.169  | 0.301665 | 1.52   | 1.965  |
| ABENAB  | GD0092   | ABTS048 | 0          | 1        | 1610  | 0.161  | 0.287385 | 1.325  | 2.16   |
| ABENAB  | GD0093   | ABTS049 | 0          | 1        | 1590  | 0.159  | 0.283815 | 1.325  | 2.16   |
| ABENAB  | GD0094   | ABTS049 | 1          | 2        | 1140  | 0.114  | 0.20349  | 1.14   | 2.65   |
| ABENAB  | GD0095   | ABTS050 | 0          | 1        | 1370  | 0.137  | 0.244545 | 1.26   | 2.45   |
| ABENAB  | GD0096   | ABTS050 | 1          | 2        | 1320  | 0.132  | 0.23562  | 1.71   | 2.3    |
| ABENAB  | GD0097   | ABTS051 | 0          | 1        | 1680  | 0.168  | 0.29988  | 1.375  | 2.02   |
| ABENAB  | GD0098   | ABTS051 | 1          | 2        | 1270  | 0.127  | 0.226695 | 1.44   | 2.56   |
| ABENAB  | GD0099   | ABTS052 | 0          | 1        | 1380  | 0.138  | 0.24633  | 1.315  | 1.68   |
| ABENAB  | GD0101   | ABTS052 | 1          | 2        | 1070  | 0.107  | 0.190995 | 1.285  | 2.52   |
| ABENAB  | GD0102   | ABTS053 | 0          | 1        | 1320  | 0.132  | 0.23562  | 1.425  | 1.6    |
| ABENAB  | GD0103   | ABTS053 | 1          | 2        | 1040  | 0.104  | 0.18564  | 1.23   | 3.06   |
| ABENAB  | GD0104   | ABTS054 | 0          | 1        | 1490  | 0.149  | 0.265965 | 1.345  | 1.745  |
| ABENAB  | GD0105   | ABTS054 | 1          | 2        | 1240  | 0.124  | 0.22134  | 1.45   | 2.19   |
| ABENAB  | GD0106   | ABTS055 | 0          | 1        | 1260  | 0.126  | 0.22491  | 1.11   | 1.525  |
| ABENAB  | GD0107   | ABTS055 | 1          | 2        | 986   | 0.0986 | 0.176001 | 1.38   | 2.56   |
| ABENAB  | GD0108   | ABTS056 | 0          | 1        | 1380  | 0.138  | 0.24633  | 1.345  | 1.74   |
| ABENAB  | GD0109   | ABTS056 | 1          | 2        | 1110  | 0.111  | 0.198135 | 1.39   | 2.75   |
| ABENAB  | GD0110   | ABTS057 | 0          | 1        | 863   | 0.0863 | 0.154046 | 0.966  | 1.375  |
| ABENAB  | GD0111   | ABTS057 | 1          | 2        | 1120  | 0.112  | 0.19992  | 1.175  | 1.745  |
| ABENAB  | GD0112   | ABTS058 | 0          | 1        | 1360  | 0.136  | 0.24276  | 1.335  | 1.715  |
| ABENAB  | GD0113   | ABTS058 | 1          | 2        | 1040  | 0.104  | 0.18564  | 1.19   | 2.24   |
| ABENAB  | GD0114   | ABTS059 | 0          | 1        | 1160  | 0.116  | 0.20706  | 1.17   | 2.03   |
| ABENAB  | GD0115   | ABTS059 | 1          | 2        | 1280  | 0.128  | 0.22848  | 1.65   | 2.93   |
| ABENAB  | GD0116   | ABTS060 | 0          | 1        | 1660  | 0.166  | 0.29631  | 1.365  | 2.11   |
| ABENAB  | GD0117   | ABTS060 | 1          | 2        | 873   | 0.0873 | 0.155831 | 1.105  | 3.79   |
| ABENAB  | GD0118   | ABTS061 | 0          | 1        | 1360  | 0.136  | 0.24276  | 1.27   | 1.68   |
| ABENAB  | GD0119   | ABTS061 | 1          | 2        | 815   | 0.0815 | 0.145478 | 1.29   | 3.02   |
| ABENAB  | GD0120   | ABTS062 | 0          | 1        | 1300  | 0.13   | 0.23205  | 1.315  | 1.705  |
| ABENAB  | GD0122   | ABTS062 | 1          | 2        | 1350  | 0.135  | 0.240975 | 1.44   | 2.4    |
| ABENAB  | GD0123   | ABTS063 | 0          | 1        | 1480  | 0.148  | 0.26418  | 1.42   | 2.4    |
| ABENAB  | GD0124   | ABTS063 | 1          | 2        | 1220  | 0.122  | 0.21777  | 1.435  | 2.42   |
| ABENAB  | GD0125   | ABTS064 | 0          | 1        | 948   | 0.0948 | 0.169218 | 1.255  | 2.97   |
| ABENAB  | GD0126   | ABTS064 | 1          | 2        | 1460  | 0.146  | 0.26061  | 1.54   | 2.43   |
| ABENAB  | GD0127   | ABTS065 | 0          | 1        | 647   | 0.0647 | 0.11549  | 0.937  | 1.54   |
| ABENAB  | GD0128   | ABTS065 | 1          | 2        | 835   | 0.0835 | 0.149048 | 1.08   | 2.64   |
| ABENAB  | GD0129   | ABTS066 | 0          | 1        | 1760  | 0.176  | 0.31416  | 1.68   | 2.04   |
| ABENAB  | GD0130   | ABTS066 | 1          | 2        | 1300  | 0.13   | 0.23205  | 1.685  | 1.86   |
| ABENAB  | GD0131   | ABTS067 | 0          | 1        | 1250  | 0.125  | 0.223125 | 1.265  | 2.66   |
| ABENAB  | GD0132   | ABTS067 | 1          | 2        | 975   | 0.0975 | 0.174038 | 1.33   | 2.87   |
| ABENAB  | GD0133   | ABTS068 | 0          | 1        | 1220  | 0.122  | 0.21777  | 1.245  | 2.54   |
| ABENAB  | GD0134   | ABTS068 | 1          | 2        | 1040  | 0.104  | 0.18564  | 1.475  | 2.71   |
| ABENAB  | GD0135   | ABTS069 | 0          | 1        | 1020  | 0.102  | 0.18207  | 1.17   | 2.35   |
| ABENAB  | GD0136   | ABTS069 | 1          | 2        | 1100  | 0.11   | 0.19635  | 1.415  | 2.59   |

| DataSet | SampleID | Hole_ID | Depth_From | Depth_To | V_ppm | V_pct  | V2O5_pct | Pb_pct | Zn_pct |
|---------|----------|---------|------------|----------|-------|--------|----------|--------|--------|
| ABENAB  | GD0137   | ABTS070 | 0          | 1        | 991   | 0.0991 | 0.176894 | 1.165  | 3.41   |
| ABENAB  | GD0138   | ABTS070 | 1          | 2        | 730   | 0.073  | 0.130305 | 1.285  | 2.21   |
| ABENAB  | GD0139   | ABTS071 | 0          | 1        | 840   | 0.084  | 0.14994  | 1.055  | 2.82   |
| ABENAB  | GD0140   | ABTS071 | 1          | 2        | 740   | 0.074  | 0.13209  | 1.255  | 2.57   |
| ABENAB  | GD0141   | ABTS072 | 0          | 1        | 1120  | 0.112  | 0.19992  | 1.13   | 2.6    |
| ABENAB  | GD0142   | ABTS072 | 1          | 2        | 1100  | 0.11   | 0.19635  | 1.54   | 3.13   |
| ABENAB  | GD0143   | ABTS073 | 0          | 1        | 1040  | 0.104  | 0.18564  | 1.19   | 2.26   |
| ABENAB  | GD0144   | ABTS073 | 1          | 2        | 921   | 0.0921 | 0.164399 | 1.315  | 3.14   |
| ABENAB  | GD0145   | ABTS074 | 0          | 1        | 1860  | 0.186  | 0.33201  | 2.37   | 3.49   |
| ABENAB  | GD0146   | ABTS074 | 1          | 2        | 1860  | 0.186  | 0.33201  | 2.31   | 1.78   |
| ABENAB  | GD0147   | ABTS075 | 0          | 1        | 6880  | 0.688  | 1.22808  | 4.84   | 2.12   |
| ABENAB  | GD0148   | ABTS075 | 1          | 2        | 6930  | 0.693  | 1.237005 | 3.84   | 3.14   |
| ABENAB  | GD0149   | ABTS076 | 0          | 1        | 1560  | 0.156  | 0.27846  | 1.325  | 1.72   |
| ABENAB  | GD0150   | ABTS076 | 1          | 2        | 1130  | 0.113  | 0.201705 | 1.455  | 2.9    |
| ABENAB  | GD0152   | ABTS077 | 0          | 1        | 2640  | 0.264  | 0.47124  | 3.62   | 2.77   |
| ABENAB  | GD0153   | ABTS077 | 1          | 2        | 2120  | 0.212  | 0.37842  | 2.93   | 2.71   |
| ABENAB  | GD0154   | ABTS078 | 0          | 1        | 1180  | 0.118  | 0.21063  | 1.255  | 3.25   |
| ABENAB  | GD0155   | ABTS078 | 1          | 2        | 1130  | 0.113  | 0.201705 | 1.485  | 2.46   |
| ABENAB  | GD0156   | ABTS079 | 0          | 1        | 800   | 0.08   | 0.1428   | 1.13   | 2.98   |
| ABENAB  | GD0157   | ABTS079 | 1          | 2        | 1300  | 0.13   | 0.23205  | 1.665  | 2.38   |
| ABENAB  | GD0158   | ABTS080 | 0          | 1        | 975   | 0.0975 | 0.174038 | 1.24   | 2.68   |
| ABENAB  | GD0159   | ABTS080 | 1          | 2        | 1250  | 0.125  | 0.223125 | 1.78   | 2.25   |
| ABENAB  | GD0160   | ABTS081 | 0          | 1        | 1240  | 0.124  | 0.22134  | 1.295  | 2.55   |
| ABENAB  | GD0161   | ABTS081 | 1          | 2        | 808   | 0.0808 | 0.144228 | 1.495  | 2.63   |
| ABENAB  | GD0162   | ABTS082 | 0          | 1        | 1170  | 0.117  | 0.208845 | 1.5    | 2.41   |
| ABENAB  | GD0163   | ABTS082 | 1          | 2        | 1220  | 0.122  | 0.21777  | 1.705  | 2.08   |
| ABENAB  | GD0164   | ABTS083 | 0          | 1        | 1300  | 0.13   | 0.23205  | 1.46   | 2.07   |
| ABENAB  | GD0165   | ABTS083 | 1          | 2        | 1360  | 0.136  | 0.24276  | 1.45   | 2.06   |
| ABENAB  | GD0166   | ABTS084 | 0          | 1        | 1420  | 0.142  | 0.25347  | 1.565  | 2.16   |
| ABENAB  | GD0167   | ABTS084 | 1          | 2        | 1360  | 0.136  | 0.24276  | 1.525  | 2.24   |
| ABENAB  | GD0168   | ABTS085 | 0          | 1        | 1720  | 0.172  | 0.30702  | 1.525  | 2.06   |
| ABENAB  | GD0169   | ABTS085 | 1          | 2        | 1800  | 0.18   | 0.3213   | 1.775  | 1.99   |
| ABENAB  | GD0170   | ABTS086 | 0          | 1        | 1070  | 0.107  | 0.190995 | 1.23   | 3.85   |
| ABENAB  | GD0171   | ABTS086 | 1          | 2        | 1600  | 0.16   | 0.2856   | 2.4    | 2.19   |
| ABENAB  | GD0172   | ABTS087 | 0          | 1        | 1000  | 0.1    | 0.1785   | 1.34   | 3.33   |
| ABENAB  | GD0173   | ABTS087 | 1          | 2        | 1220  | 0.122  | 0.21777  | 1.7    | 2.42   |
| ABENAB  | GD0174   | ABTS088 | 0          | 1        | 1090  | 0.109  | 0.194565 | 1.19   | 2.55   |
| ABENAB  | GD0175   | ABTS088 | 1          | 2        | 1310  | 0.131  | 0.233835 | 1.695  | 2.47   |
| ABENAB  | GD0176   | ABTS089 | 0          | 1        | 1020  | 0.102  | 0.18207  | 1.11   | 3      |
| ABENAB  | GD0177   | ABTS089 | 1          | 2        | 1080  | 0.108  | 0.19278  | 1.495  | 2.55   |
| ABENAB  | GD0178   | ABTS090 | 0          | 1        | 784   | 0.0784 | 0.139944 | 1.19   | 3.08   |
| ABENAB  | GD0179   | ABTS090 | 1          | 2        | 1230  | 0.123  | 0.219555 | 1.53   | 2.28   |
| ABENAB  | GD0180   | ABTS091 | 0          | 1        | 1630  | 0.163  | 0.290955 | 1.365  | 1.695  |
| ABENAB  | GD0182   | ABTS091 | 1          | 2        | 716   | 0.0716 | 0.127806 | 1.025  | 3.46   |

| DataSet | SampleID | Hole_ID | Depth_From | Depth_To | V_ppm | V_pct | V2O5_pct | Pb_pct | Zn_pct |
|---------|----------|---------|------------|----------|-------|-------|----------|--------|--------|
| ABENAB  | GD0183   | ABTS092 | 0          | 1        | 1500  | 0.15  | 0.26775  | 1.98   | 3.51   |
| ABENAB  | GD0184   | ABTS092 | 1          | 2        | 2900  | 0.29  | 0.51765  | 3.1    | 2.61   |
| ABENAB  | GD0185   | ABTS093 | 0          | 1        | 1760  | 0.176 | 0.31416  | 1.48   | 3.5    |
| ABENAB  | GD0186   | ABTS093 | 1          | 2        | 1250  | 0.125 | 0.223125 | 1.585  | 3.32   |
| ABENAB  | GD0187   | ABTS094 | 0          | 1        | 1080  | 0.108 | 0.19278  | 1.275  | 1.44   |
| ABENAB  | GD0188   | ABTS094 | 1          | 2        | 1280  | 0.128 | 0.22848  | 1.19   | 1.705  |
| ABENAB  | GD0189   | ABTS095 | 0          | 1        | 1550  | 0.155 | 0.276675 | 1.47   | 1.78   |
| ABENAB  | GD0190   | ABTS095 | 1          | 2        | 1350  | 0.135 | 0.240975 | 1.16   | 1.98   |
| ABENAB  | GD0191   | ABTS096 | 0          | 1        | 1650  | 0.165 | 0.294525 | 1.62   | 1.795  |
| ABENAB  | GD0192   | ABTS096 | 1          | 2        | 1440  | 0.144 | 0.25704  | 1.26   | 1.96   |
| ABENAB  | GD0193   | ABTS097 | 0          | 1        | 1740  | 0.174 | 0.31059  | 1.655  | 1.845  |
| ABENAB  | GD0194   | ABTS097 | 1          | 2        | 1540  | 0.154 | 0.27489  | 1.21   | 1.98   |
| ABENAB  | GD0195   | ABTS098 | 1          | 2        | 1840  | 0.184 | 0.32844  | 1.495  | 1.815  |
| ABENAB  | GD0196   | ABTS098 | 0          | 1        | 1750  | 0.175 | 0.312375 | 1.55   | 1.82   |
| ABENAB  | GD0197   | ABTS099 | 0          | 1        | 1680  | 0.168 | 0.29988  | 1.42   | 1.98   |
| ABENAB  | GD0198   | ABTS100 | 0          | 1        | 1620  | 0.162 | 0.28917  | 1.585  | 1.61   |
| ABENAB  | GD0199   | ABTS101 | 0          | 1        | 1380  | 0.138 | 0.24633  | 1.79   | 1.94   |
| ABENAB  | GD0201   | ABTS102 | 0          | 1        | 1930  | 0.193 | 0.344505 | 1.595  | 1.915  |
| ABENAB  | GD0202   | ABTS102 | 1          | 2        | 1700  | 0.17  | 0.30345  | 1.385  | 1.93   |
| ABENAB  | GD0203   | ABTS103 | 0          | 1        | 1710  | 0.171 | 0.305235 | 1.37   | 2.03   |
| ABENAB  | GD0204   | ABTS103 | 1          | 2        | 1570  | 0.157 | 0.280245 | 1.52   | 1.825  |
| ABENAB  | GD0205   | ABTS104 | 0          | 1        | 1510  | 0.151 | 0.269535 | 1.31   | 2.01   |
| ABENAB  | GD0206   | ABTS104 | 1          | 2        | 1360  | 0.136 | 0.24276  | 1.35   | 1.64   |
| ABENAB  | GD0207   | ABTS105 | 0          | 1        | 1410  | 0.141 | 0.251685 | 1.26   | 1.945  |
| ABENAB  | GD0208   | ABTS105 | 1          | 2        | 1340  | 0.134 | 0.23919  | 1.335  | 1.79   |
| ABENAB  | GD0209   | ABTS106 | 0          | 1        | 1390  | 0.139 | 0.248115 | 1.305  | 1.975  |
| ABENAB  | GD0210   | ABTS106 | 1          | 2        | 1260  | 0.126 | 0.22491  | 1.31   | 1.725  |
| ABENAB  | GD0212   | ABTS107 | 0          | 1        | 1240  | 0.124 | 0.22134  | 1.35   | 1.705  |
| ABENAB  | GD0213   | ABTS107 | 1          | 2        | 1500  | 0.15  | 0.26775  | 1.365  | 2.09   |
| ABENAB  | GD0214   | ABTS108 | 0          | 1        | 4980  | 0.498 | 0.88893  | 5.31   | 1.58   |
| ABENAB  | GD0215   | ABTS108 | 1          | 2        | 6360  | 0.636 | 1.13526  | 4.11   | 1.75   |
| ABENAB  | GD0216   | ABTS109 | 0          | 1        | 3620  | 0.362 | 0.64617  | 3.06   | 3.94   |
| ABENAB  | GD0217   | ABTS109 | 1          | 2        | 4400  | 0.44  | 0.7854   | 5.51   | 3.22   |
| ABENAB  | GD0218   | ABTS110 | 0          | 1        | 1250  | 0.125 | 0.223125 | 1.075  | 1.585  |
| ABENAB  | GD0219   | ABTS110 | 1          | 2        | 1280  | 0.128 | 0.22848  | 1.37   | 2.48   |
| ABENAB  | GD0220   | ABTS111 | 0          | 1        | 1390  | 0.139 | 0.248115 | 1.225  | 1.835  |
| ABENAB  | GD0221   | ABTS111 | 1          | 2        | 1000  | 0.1   | 0.1785   | 1.05   | 2.03   |
| ABENAB  | GD0222   | ABTS112 | 0          | 1        | 1660  | 0.166 | 0.29631  | 1.42   | 2      |
| ABENAB  | GD0223   | ABTS112 | 1          | 2        | 2210  | 0.221 | 0.394485 | 1.79   | 2.76   |
| ABENAB  | GD0224   | ABTS113 | 0          | 1        | 1150  | 0.115 | 0.205275 | 1.12   | 1.815  |
| ABENAB  | GD0225   | ABTS113 | 1          | 2        | 1200  | 0.12  | 0.2142   | 1.455  | 2.61   |
| ABENAB  | GD0226   | ABTS114 | 0          | 1        | 1480  | 0.148 | 0.26418  | 1.3    | 2.11   |
| ABENAB  | GD0227   | ABTS115 | 0          | 1        | 1540  | 0.154 | 0.27489  | 1.47   | 2.3    |

| DataSet | SampleID | Hole_ID | Depth_From | Depth_To | V_ppm | V_pct  | V2O5_pct | Pb_pct | Zn_pct |
|---------|----------|---------|------------|----------|-------|--------|----------|--------|--------|
| ABENAB  | GD0228   | ABTS116 | 0          | 1        | 1110  | 0.111  | 0.198135 | 1.675  | 1.74   |
| ABENAB  | GD0229   | ABTS116 | 1          | 2        | 1300  | 0.13   | 0.23205  | 1.535  | 1.815  |
| ABENAB  | GD0230   | ABTS117 | 0          | 1        | 1700  | 0.17   | 0.30345  | 1.61   | 1.7    |
| ABENAB  | GD0231   | ABTS117 | 1          | 2        | 1590  | 0.159  | 0.283815 | 1.73   | 2.15   |
| ABENAB  | GD0232   | ABTS118 | 0          | 1        | 1380  | 0.138  | 0.24633  | 2.19   | 1.805  |
| ABENAB  | GD0233   | ABTS118 | 1          | 2        | 1480  | 0.148  | 0.26418  | 1.435  | 2.29   |
| ABENAB  | GD0234   | ABTS119 | 0          | 1        | 737   | 0.0737 | 0.131555 | 1.19   | 2.39   |
| ABENAB  | GD0235   | ABTS119 | 1          | 2        | 1750  | 0.175  | 0.312375 | 1.62   | 2.36   |
| ABENAB  | GD0236   | ABTS120 | 0          | 1        | 1060  | 0.106  | 0.18921  | 1.39   | 1.985  |
| ABENAB  | GD0237   | ABTS120 | 1          | 2        | 1720  | 0.172  | 0.30702  | 1.435  | 2.11   |
| ABENAB  | GD0238   | ABTS121 | 0          | 1        | 838   | 0.0838 | 0.149583 | 1.375  | 2.37   |
| ABENAB  | GD0239   | ABTS121 | 1          | 2        | 1420  | 0.142  | 0.25347  | 1.255  | 1.825  |
| ABENAB  | GD0240   | ABTS122 | 0          | 1        | 1020  | 0.102  | 0.18207  | 1.665  | 3.11   |
| ABENAB  | GD0242   | ABTS122 | 1          | 2        | 1750  | 0.175  | 0.312375 | 1.32   | 1.75   |
| ABENAB  | GD0243   | ABTS123 | 0          | 1        | 838   | 0.0838 | 0.149583 | 1.325  | 2.76   |
| ABENAB  | GD0244   | ABTS123 | 1          | 2        | 1370  | 0.137  | 0.244545 | 1.62   | 2.34   |
| ABENAB  | GD0245   | ABTS124 | 0          | 1        | 1560  | 0.156  | 0.27846  | 1.96   | 2.43   |
| ABENAB  | GD0246   | ABTS124 | 1          | 2        | 1990  | 0.199  | 0.355215 | 1.475  | 1.755  |
| ABENAB  | GD0247   | ABTS125 | 0          | 1        | 1180  | 0.118  | 0.21063  | 1.265  | 2.31   |
| ABENAB  | GD0248   | ABTS125 | 1          | 2        | 1460  | 0.146  | 0.26061  | 1.29   | 1.805  |
| ABENAB  | GD0249   | ABTS126 | 0          | 1        | 1020  | 0.102  | 0.18207  | 1.455  | 2.75   |
| ABENAB  | GD0250   | ABTS126 | 1          | 2        | 1900  | 0.19   | 0.33915  | 1.595  | 2.22   |
| ABENAB  | GD0251   | ABTS127 | 0          | 1        | 1250  | 0.125  | 0.223125 | 1.605  | 2.3    |
| ABENAB  | GD0252   | ABTS127 | 1          | 2        | 1460  | 0.146  | 0.26061  | 1.42   | 2.15   |
| ABENAB  | GD0253   | ABTS128 | 0          | 1        | 868   | 0.0868 | 0.154938 | 1.3    | 2.06   |
| ABENAB  | GD0254   | ABTS128 | 1          | 2        | 1300  | 0.13   | 0.23205  | 1.25   | 2.12   |
| ABENAB  | GD0255   | ABTS129 | 0          | 1        | 1540  | 0.154  | 0.27489  | 1.785  | 2.12   |
| ABENAB  | GD0256   | ABTS129 | 1          | 2        | 1170  | 0.117  | 0.208845 | 1.385  | 1.525  |
| ABENAB  | GD0257   | ABTS130 | 0          | 1        | 1590  | 0.159  | 0.283815 | 1.61   | 1.77   |
| ABENAB  | GD0258   | ABTS131 | 0          | 1        | 2360  | 0.236  | 0.42126  | 2.21   | 1.925  |
| ABENAB  | GD0259   | ABTS132 | 0          | 1        | 1330  | 0.133  | 0.237405 | 1.4    | 1.825  |
| ABENAB  | GD0260   | ABTS133 | 0          | 1        | 1680  | 0.168  | 0.29988  | 1.37   | 2.21   |
| ABENAB  | GD0261   | ABTS133 | 1          | 2        | 1460  | 0.146  | 0.26061  | 1.6    | 1.9    |
| ABENAB  | GD0262   | ABTS134 | 0          | 1        | 1480  | 0.148  | 0.26418  | 1.385  | 2.72   |
| ABENAB  | GD0263   | ABTS134 | 1          | 2        | 1180  | 0.118  | 0.21063  | 1.275  | 1.745  |
| ABENAB  | GD0264   | ABTS135 | 0          | 1        | 1270  | 0.127  | 0.226695 | 1.26   | 3.58   |
| ABENAB  | GD0265   | ABTS135 | 1          | 2        | 1470  | 0.147  | 0.262395 | 1.61   | 1.795  |
| ABENAB  | GD0266   | ABTS136 | 0          | 1        | 1340  | 0.134  | 0.23919  | 1.305  | 2.82   |
| ABENAB  | GD0267   | ABTS136 | 1          | 2        | 1340  | 0.134  | 0.23919  | 1.33   | 2.84   |
| ABENAB  | GD0268   | ABTS137 | 0          | 1        | 1220  | 0.122  | 0.21777  | 1.22   | 1.48   |
| ABENAB  | GD0269   | ABTS137 | 1          | 2        | 1420  | 0.142  | 0.25347  | 1.38   | 2.8    |
| ABENAB  | GD0270   | ABTS138 | 0          | 1        | 1590  | 0.159  | 0.283815 | 1.445  | 3.64   |
| ABENAB  | GD0272   | ABTS138 | 1          | 2        | 1680  | 0.168  | 0.29988  | 1.93   | 3.19   |

| DataSet | SampleID | Hole_ID | Depth_From | Depth_To | V_ppm | V_pct | V2O5_pct | Pb_pct | Zn_pct |
|---------|----------|---------|------------|----------|-------|-------|----------|--------|--------|
| ABENAB  | GD0273   | ABTS139 | 0          | 1        | 1780  | 0.178 | 0.31773  | 1.345  | 2.15   |
| ABENAB  | GD0274   | ABTS139 | 1          | 2        | 1050  | 0.105 | 0.187425 | 1.42   | 2.75   |
| ABENAB  | GD0275   | ABTS140 | 0          | 1        | 1560  | 0.156 | 0.27846  | 1.26   | 2.37   |
| ABENAB  | GD0276   | ABTS140 | 1          | 2        | 990   | 0.099 | 0.176715 | 1.345  | 2.66   |
| ABENAB  | GD0277   | ABTS141 | 0          | 1        | 1590  | 0.159 | 0.283815 | 1.35   | 2.18   |
| ABENAB  | GD0278   | ABTS141 | 1          | 2        | 1390  | 0.139 | 0.248115 | 1.335  | 4.38   |
| ABENAB  | GD0279   | ABTS142 | 0          | 1        | 1330  | 0.133 | 0.237405 | 1.39   | 1.845  |
| ABENAB  | GD0280   | ABTS142 | 1          | 2        | 1400  | 0.14  | 0.2499   | 1.315  | 4.11   |
| ABENAB  | GD0281   | ABTS143 | 0          | 1        | 1740  | 0.174 | 0.31059  | 1.695  | 1.935  |
| ABENAB  | GD0282   | ABTS143 | 1          | 2        | 1300  | 0.13  | 0.23205  | 1.485  | 2.31   |
| ABENAB  | GD0283   | ABTS144 | 0          | 1        | 3050  | 0.305 | 0.544425 | 2.65   | 2.13   |
| ABENAB  | GD0284   | ABTS144 | 1          | 2        | 4180  | 0.418 | 0.74613  | 3.41   | 1.76   |
| ABENAB  | GD0285   | ABTS145 | 0          | 1        | 2130  | 0.213 | 0.380205 | 1.995  | 1.905  |
| ABENAB  | GD0286   | ABTS145 | 1          | 2        | 2220  | 0.222 | 0.39627  | 1.98   | 1.845  |
| ABENAB  | GD0287   | ABTS146 | 0          | 1        | 1320  | 0.132 | 0.23562  | 1.34   | 1.9    |
| ABENAB  | GD0288   | ABTS146 | 1          | 2        | 1710  | 0.171 | 0.305235 | 1.34   | 2.34   |
| ABENAB  | GD0289   | ABTS147 | 0          | 1        | 1730  | 0.173 | 0.308805 | 1.425  | 2.11   |
| ABENAB  | GD0290   | ABTS147 | 1          | 2        | 1400  | 0.14  | 0.2499   | 1.18   | 2.02   |
| ABENAB  | GD0291   | ABTS148 | 0          | 1        | 1480  | 0.148 | 0.26418  | 1.3    | 2.14   |
| ABENAB  | GD0292   | ABTS148 | 1          | 2        | 1470  | 0.147 | 0.262395 | 1.42   | 2.98   |
| ABENAB  | GD0293   | ABTS149 | 0          | 1        | 1180  | 0.118 | 0.21063  | 1.115  | 1.975  |
| ABENAB  | GD0294   | ABTS149 | 1          | 2        | 1060  | 0.106 | 0.18921  | 1.37   | 2.76   |
| ABENAB  | GD0295   | ABTS150 | 0          | 1        | 1750  | 0.175 | 0.312375 | 1.4    | 2.15   |
| ABENAB  | GD0296   | ABTS150 | 1          | 2        | 1100  | 0.11  | 0.19635  | 1.34   | 2.95   |
| ABENAB  | GD0297   | ABTS151 | 0          | 1        | 2700  | 0.27  | 0.48195  | 3.32   | 2.29   |
| ABENAB  | GD0298   | ABTS151 | 1          | 2        | 1680  | 0.168 | 0.29988  | 2.36   | 2.33   |
| ABENAB  | GD0299   | ABTS152 | 0          | 1        | 1520  | 0.152 | 0.27132  | 2.1    | 2.24   |
| ABENAB  | GD0302   | ABTS152 | 1          | 2        | 1740  | 0.174 | 0.31059  | 2.08   | 1.7    |
| ABENAB  | GD0303   | ABTS153 | 0          | 1        | 1260  | 0.126 | 0.22491  | 1.32   | 2.68   |
| ABENAB  | GD0304   | ABTS153 | 1          | 2        | 1080  | 0.108 | 0.19278  | 1.305  | 2.52   |
| ABENAB  | GD0305   | ABTS154 | 0          | 1        | 1330  | 0.133 | 0.237405 | 1.36   | 2.25   |
| ABENAB  | GD0306   | ABTS154 | 1          | 2        | 1160  | 0.116 | 0.20706  | 1.375  | 3.16   |
| ABENAB  | GD0307   | ABTS155 | 0          | 1        | 1460  | 0.146 | 0.26061  | 1.235  | 2.29   |
| ABENAB  | GD0308   | ABTS155 | 1          | 2        | 1050  | 0.105 | 0.187425 | 1.39   | 2.66   |
| ABENAB  | GD0309   | ABTS156 | 0          | 1        | 1020  | 0.102 | 0.18207  | 1.315  | 2.24   |
| ABENAB  | GD0310   | ABTS156 | 1          | 2        | 1060  | 0.106 | 0.18921  | 1.285  | 2.21   |
| ABENAB  | GD0311   | ABTS157 | 0          | 1        | 1280  | 0.128 | 0.22848  | 1.39   | 2.24   |
| ABENAB  | GD0312   | ABTS157 | 1          | 2        | 1640  | 0.164 | 0.29274  | 1.74   | 2.25   |
| ABENAB  | GD0313   | ABTS158 | 0          | 1        | 1770  | 0.177 | 0.315945 | 1.9    | 2.16   |
| ABENAB  | GD0314   | ABTS159 | 0          | 1        | 1720  | 0.172 | 0.30702  | 1.755  | 2.1    |
| ABENAB  | GD0315   | ABTS159 | 1          | 2        | 1760  | 0.176 | 0.31416  | 1.765  | 1.77   |
| ABENAB  | GD0316   | ABTS160 | 0          | 1        | 1220  | 0.122 | 0.21777  | 1.39   | 2.53   |
| ABENAB  | GD0317   | ABTS160 | 1          | 2        | 1610  | 0.161 | 0.287385 | 1.755  | 2.13   |

| DataSet | SampleID | Hole_ID | Depth_From | Depth_To | V_ppm | V_pct  | V2O5_pct | Pb_pct | Zn_pct |
|---------|----------|---------|------------|----------|-------|--------|----------|--------|--------|
| ABENAB  | GD0318   | ABTS161 | 0          | 1        | 1340  | 0.134  | 0.23919  | 1.245  | 2.9    |
| ABENAB  | GD0319   | ABTS161 | 1          | 2        | 1060  | 0.106  | 0.18921  | 1.305  | 2.73   |
| ABENAB  | GD0320   | ABTS162 | 0          | 1        | 1090  | 0.109  | 0.194565 | 1.08   | 1.97   |
| ABENAB  | GD0321   | ABTS162 | 1          | 2        | 1030  | 0.103  | 0.183855 | 1.42   | 2.9    |
| ABENAB  | GD0322   | ABTS163 | 0          | 1        | 1260  | 0.126  | 0.22491  | 1.23   | 2.06   |
| ABENAB  | GD0323   | ABTS163 | 1          | 2        | 1080  | 0.108  | 0.19278  | 1.31   | 2.7    |
| ABENAB  | GD0324   | ABTS164 | 0          | 1        | 925   | 0.0925 | 0.165113 | 1.23   | 2.27   |
| ABENAB  | GD0325   | ABTS164 | 1          | 2        | 1140  | 0.114  | 0.20349  | 1.705  | 1.975  |
| ABENAB  | GD0326   | ABTS165 | 0          | 1        | 1430  | 0.143  | 0.255255 | 1.945  | 1.725  |
| ABENAB  | GD0327   | ABTS165 | 1          | 2        | 5340  | 0.534  | 0.95319  | 5.1    | 1.715  |
| ABENAB  | GD0328   | ABTS166 | 0          | 1        | 1560  | 0.156  | 0.27846  | 1.855  | 1.905  |
| ABENAB  | GD0329   | ABTS166 | 1          | 2        | 4150  | 0.415  | 0.740775 | 4      | 1.61   |
| ABENAB  | GD0330   | ABTS167 | 0          | 1        | 1890  | 0.189  | 0.337365 | 2.34   | 1.94   |
| ABENAB  | GD0332   | ABTS167 | 1          | 2        | 1840  | 0.184  | 0.32844  | 2.98   | 1.78   |
| ABENAB  | GD0333   | ABTS168 | 0          | 1        | 1280  | 0.128  | 0.22848  | 1.91   | 2.25   |
| ABENAB  | GD0334   | ABTS168 | 1          | 2        | 1660  | 0.166  | 0.29631  | 2.06   | 1.79   |
| ABENAB  | GD0335   | ABTS169 | 0          | 1        | 1080  | 0.108  | 0.19278  | 1.3    | 2.24   |
| ABENAB  | GD0336   | ABTS169 | 1          | 2        | 1600  | 0.16   | 0.2856   | 1.95   | 1.84   |
| ABENAB  | GD0337   | ABTS170 | 0          | 1        | 1210  | 0.121  | 0.215985 | 1.395  | 2.26   |
| ABENAB  | GD0338   | ABTS170 | 1          | 2        | 1500  | 0.15   | 0.26775  | 1.72   | 1.695  |
| ABENAB  | GD0339   | ABTS171 | 0          | 1        | 1720  | 0.172  | 0.30702  | 1.73   | 1.975  |
| ABENAB  | GD0340   | ABTS171 | 1          | 2        | 3370  | 0.337  | 0.601545 | 3.74   | 1.955  |
| ABENAB  | GD0341   | ABTS172 | 0          | 1        | 1720  | 0.172  | 0.30702  | 2.21   | 2.11   |
| ABENAB  | GD0342   | ABTS172 | 1          | 2        | 4640  | 0.464  | 0.82824  | 4.95   | 1.855  |

**APPENDIX3 – TAILINGS AUGER SAMPLE LOCATIONS**

| DataSet | Hole_ID | Hole_Type | Depth | Grid_ID   | Easting | Northing | RL   |
|---------|---------|-----------|-------|-----------|---------|----------|------|
| ABENAB  | ABTS001 | AUG       | 2     | WGS84_34S | 194725  | 7864774  | 1288 |
| ABENAB  | ABTS002 | AUG       | 2     | WGS84_34S | 194724  | 7864784  | 1287 |
| ABENAB  | ABTS003 | AUG       | 2     | WGS84_34S | 194725  | 7864796  | 1287 |
| ABENAB  | ABTS004 | AUG       | 2     | WGS84_34S | 194724  | 7864805  | 1287 |
| ABENAB  | ABTS005 | AUG       | 2     | WGS84_34S | 194724  | 7864817  | 1287 |
| ABENAB  | ABTS006 | AUG       | 2     | WGS84_34S | 194723  | 7864824  | 1287 |
| ABENAB  | ABTS007 | AUG       | 1     | WGS84_34S | 194723  | 7864838  | 1285 |
| ABENAB  | ABTS008 | AUG       | 2     | WGS84_34S | 194736  | 7864835  | 1285 |
| ABENAB  | ABTS009 | AUG       | 1     | WGS84_34S | 194735  | 7864824  | 1284 |
| ABENAB  | ABTS010 | AUG       | 2     | WGS84_34S | 194735  | 7864813  | 1286 |
| ABENAB  | ABTS011 | AUG       | 2     | WGS84_34S | 194735  | 7864805  | 1287 |
| ABENAB  | ABTS012 | AUG       | 2     | WGS84_34S | 194737  | 7864796  | 1286 |
| ABENAB  | ABTS013 | AUG       | 2     | WGS84_34S | 194736  | 7864786  | 1287 |
| ABENAB  | ABTS014 | AUG       | 2     | WGS84_34S | 194736  | 7864776  | 1287 |
| ABENAB  | ABTS015 | AUG       | 2     | WGS84_34S | 194747  | 7864777  | 1288 |
| ABENAB  | ABTS016 | AUG       | 2     | WGS84_34S | 194747  | 7864788  | 1287 |
| ABENAB  | ABTS017 | AUG       | 2     | WGS84_34S | 194747  | 7864795  | 1288 |
| ABENAB  | ABTS018 | AUG       | 2     | WGS84_34S | 194746  | 7864808  | 1288 |
| ABENAB  | ABTS019 | AUG       | 2     | WGS84_34S | 194747  | 7864817  | 1290 |
| ABENAB  | ABTS020 | AUG       | 1     | WGS84_34S | 194746  | 7864825  | 1289 |
| ABENAB  | ABTS021 | AUG       | 2     | WGS84_34S | 194745  | 7864834  | 1288 |
| ABENAB  | ABTS022 | AUG       | 2     | WGS84_34S | 194753  | 7864836  | 1286 |
| ABENAB  | ABTS023 | AUG       | 2     | WGS84_34S | 194755  | 7864824  | 1286 |
| ABENAB  | ABTS024 | AUG       | 2     | WGS84_34S | 194755  | 7864814  | 1286 |
| ABENAB  | ABTS025 | AUG       | 2     | WGS84_34S | 194757  | 7864807  | 1285 |
| ABENAB  | ABTS026 | AUG       | 2     | WGS84_34S | 194757  | 7864796  | 1285 |
| ABENAB  | ABTS027 | AUG       | 2     | WGS84_34S | 194757  | 7864789  | 1285 |
| ABENAB  | ABTS028 | AUG       | 2     | WGS84_34S | 194756  | 7864778  | 1285 |
| ABENAB  | ABTS029 | AUG       | 2     | WGS84_34S | 194765  | 7864775  | 1284 |
| ABENAB  | ABTS030 | AUG       | 2     | WGS84_34S | 194764  | 7864784  | 1283 |
| ABENAB  | ABTS031 | AUG       | 2     | WGS84_34S | 194766  | 7864794  | 1282 |
| ABENAB  | ABTS032 | AUG       | 2     | WGS84_34S | 194766  | 7864806  | 1280 |
| ABENAB  | ABTS033 | AUG       | 2     | WGS84_34S | 194766  | 7864813  | 1282 |
| ABENAB  | ABTS034 | AUG       | 2     | WGS84_34S | 194765  | 7864825  | 1284 |
| ABENAB  | ABTS035 | AUG       | 1     | WGS84_34S | 194766  | 7864835  | 1284 |
| ABENAB  | ABTS036 | AUG       | 1     | WGS84_34S | 194776  | 7864833  | 1284 |
| ABENAB  | ABTS037 | AUG       | 2     | WGS84_34S | 194774  | 7864823  | 1285 |
| ABENAB  | ABTS038 | AUG       | 2     | WGS84_34S | 194776  | 7864816  | 1284 |
| ABENAB  | ABTS039 | AUG       | 2     | WGS84_34S | 194776  | 7864805  | 1284 |
| ABENAB  | ABTS040 | AUG       | 2     | WGS84_34S | 194777  | 7864796  | 1284 |
| ABENAB  | ABTS041 | AUG       | 2     | WGS84_34S | 194777  | 7864784  | 1284 |
| ABENAB  | ABTS042 | AUG       | 2     | WGS84_34S | 194778  | 7864778  | 1287 |
| ABENAB  | ABTS043 | AUG       | 2     | WGS84_34S | 194786  | 7864777  | 1286 |
| ABENAB  | ABTS044 | AUG       | 2     | WGS84_34S | 194785  | 7864794  | 1286 |

| DataSet | Hole_ID | Hole_Type | Depth | Grid_ID   | Easting  | Northing | RL   |
|---------|---------|-----------|-------|-----------|----------|----------|------|
| ABENAB  | ABTS045 | AUG       | 2     | WGS84_34S | 194783   | 7864803  | 1287 |
| ABENAB  | ABTS046 | AUG       | 2     | WGS84_34S | 194785   | 7864815  | 1287 |
| ABENAB  | ABTS047 | AUG       | 1     | WGS84_34S | 194784   | 7864825  | 1288 |
| ABENAB  | ABTS048 | AUG       | 1     | WGS84_34S | 194786   | 7864834  | 1287 |
| ABENAB  | ABTS049 | AUG       | 2     | WGS84_34S | 194795   | 7864845  | 1287 |
| ABENAB  | ABTS050 | AUG       | 2     | WGS84_34S | 194797   | 7864835  | 1288 |
| ABENAB  | ABTS051 | AUG       | 2     | WGS84_34S | 194797   | 7864824  | 1289 |
| ABENAB  | ABTS052 | AUG       | 2     | WGS84_34S | 194796.4 | 7864815  | 1283 |
| ABENAB  | ABTS053 | AUG       | 2     | WGS84_34S | 194794.1 | 7864806  | 1284 |
| ABENAB  | ABTS054 | AUG       | 2     | WGS84_34S | 194796.1 | 7864796  | 1283 |
| ABENAB  | ABTS055 | AUG       | 2     | WGS84_34S | 194794.3 | 7864786  | 1280 |
| ABENAB  | ABTS056 | AUG       | 2     | WGS84_34S | 194785.6 | 7864785  | 1282 |
| ABENAB  | ABTS057 | AUG       | 2     | WGS84_34S | 194795.1 | 7864780  | 1287 |
| ABENAB  | ABTS058 | AUG       | 2     | WGS84_34S | 194805.1 | 7864774  | 1285 |
| ABENAB  | ABTS059 | AUG       | 2     | WGS84_34S | 194807.7 | 7864783  | 1284 |
| ABENAB  | ABTS060 | AUG       | 2     | WGS84_34S | 194806   | 7864795  | 1282 |
| ABENAB  | ABTS061 | AUG       | 2     | WGS84_34S | 194805.7 | 7864804  | 1283 |
| ABENAB  | ABTS062 | AUG       | 2     | WGS84_34S | 194807.1 | 7864814  | 1283 |
| ABENAB  | ABTS063 | AUG       | 2     | WGS84_34S | 194804.8 | 7864824  | 1282 |
| ABENAB  | ABTS064 | AUG       | 2     | WGS84_34S | 194805.2 | 7864835  | 1284 |
| ABENAB  | ABTS065 | AUG       | 2     | WGS84_34S | 194805.6 | 7864845  | 1282 |
| ABENAB  | ABTS066 | AUG       | 2     | WGS84_34S | 194817.9 | 7864854  | 1276 |
| ABENAB  | ABTS067 | AUG       | 2     | WGS84_34S | 194815.4 | 7864846  | 1280 |
| ABENAB  | ABTS068 | AUG       | 2     | WGS84_34S | 194818.5 | 7864838  | 1280 |
| ABENAB  | ABTS069 | AUG       | 2     | WGS84_34S | 194815   | 7864829  | 1279 |
| ABENAB  | ABTS070 | AUG       | 2     | WGS84_34S | 194814.8 | 7864815  | 1282 |
| ABENAB  | ABTS071 | AUG       | 2     | WGS84_34S | 194814.6 | 7864808  | 1283 |
| ABENAB  | ABTS072 | AUG       | 2     | WGS84_34S | 194816.1 | 7864795  | 1283 |
| ABENAB  | ABTS073 | AUG       | 2     | WGS84_34S | 194814.1 | 7864784  | 1283 |
| ABENAB  | ABTS074 | AUG       | 2     | WGS84_34S | 194816.8 | 7864775  | 1283 |
| ABENAB  | ABTS075 | AUG       | 2     | WGS84_34S | 194820.1 | 7864776  | 1283 |
| ABENAB  | ABTS076 | AUG       | 2     | WGS84_34S | 194826.7 | 7864788  | 1284 |
| ABENAB  | ABTS077 | AUG       | 2     | WGS84_34S | 194825.3 | 7864796  | 1282 |
| ABENAB  | ABTS078 | AUG       | 2     | WGS84_34S | 194824.7 | 7864807  | 1282 |
| ABENAB  | ABTS079 | AUG       | 2     | WGS84_34S | 194822   | 7864819  | 1280 |
| ABENAB  | ABTS080 | AUG       | 2     | WGS84_34S | 194826   | 7864825  | 1281 |
| ABENAB  | ABTS081 | AUG       | 2     | WGS84_34S | 194826.6 | 7864837  | 1282 |
| ABENAB  | ABTS082 | AUG       | 2     | WGS84_34S | 194825.7 | 7864845  | 1279 |
| ABENAB  | ABTS083 | AUG       | 2     | WGS84_34S | 194826.3 | 7864855  | 1277 |
| ABENAB  | ABTS084 | AUG       | 2     | WGS84_34S | 194835   | 7864854  | 1280 |
| ABENAB  | ABTS085 | AUG       | 2     | WGS84_34S | 194836   | 7864844  | 1280 |
| ABENAB  | ABTS086 | AUG       | 2     | WGS84_34S | 194838.4 | 7864836  | 1281 |
| ABENAB  | ABTS087 | AUG       | 2     | WGS84_34S | 194837   | 7864824  | 1281 |
| ABENAB  | ABTS088 | AUG       | 2     | WGS84_34S | 194834.6 | 7864816  | 1282 |
| ABENAB  | ABTS089 | AUG       | 2     | WGS84_34S | 194835.4 | 7864807  | 1283 |

| DataSet | Hole_ID | Hole_Type | Depth | Grid_ID   | Easting  | Northing | RL   |
|---------|---------|-----------|-------|-----------|----------|----------|------|
| ABENAB  | ABTS090 | AUG       | 2     | WGS84_34S | 194834.9 | 7864795  | 1282 |
| ABENAB  | ABTS091 | AUG       | 2     | WGS84_34S | 194833.6 | 7864784  | 1283 |
| ABENAB  | ABTS092 | AUG       | 2     | WGS84_34S | 194846.9 | 7864785  | 1284 |
| ABENAB  | ABTS093 | AUG       | 2     | WGS84_34S | 194844.9 | 7864794  | 1283 |
| ABENAB  | ABTS094 | AUG       | 2     | WGS84_34S | 194846.7 | 7864804  | 1283 |
| ABENAB  | ABTS095 | AUG       | 2     | WGS84_34S | 194846.5 | 7864814  | 1283 |
| ABENAB  | ABTS096 | AUG       | 2     | WGS84_34S | 194845.2 | 7864824  | 1281 |
| ABENAB  | ABTS097 | AUG       | 2     | WGS84_34S | 194845.8 | 7864835  | 1281 |
| ABENAB  | ABTS098 | AUG       | 2     | WGS84_34S | 194844.6 | 7864846  | 1281 |
| ABENAB  | ABTS099 | AUG       | 1     | WGS84_34S | 194844.3 | 7864856  | 1279 |
| ABENAB  | ABTS100 | AUG       | 1     | WGS84_34S | 194854.5 | 7864859  | 1280 |
| ABENAB  | ABTS101 | AUG       | 1     | WGS84_34S | 194855.1 | 7864848  | 1282 |
| ABENAB  | ABTS102 | AUG       | 2     | WGS84_34S | 194856.2 | 7864842  | 1281 |
| ABENAB  | ABTS103 | AUG       | 2     | WGS84_34S | 194853.7 | 7864833  | 1281 |
| ABENAB  | ABTS104 | AUG       | 2     | WGS84_34S | 194853.9 | 7864825  | 1282 |
| ABENAB  | ABTS105 | AUG       | 2     | WGS84_34S | 194853.3 | 7864812  | 1282 |
| ABENAB  | ABTS106 | AUG       | 2     | WGS84_34S | 194854   | 7864804  | 1283 |
| ABENAB  | ABTS107 | AUG       | 2     | WGS84_34S | 194854.2 | 7864795  | 1282 |
| ABENAB  | ABTS108 | AUG       | 2     | WGS84_34S | 194856.2 | 7864788  | 1281 |
| ABENAB  | ABTS109 | AUG       | 2     | WGS84_34S | 194864.8 | 7864795  | 1281 |
| ABENAB  | ABTS110 | AUG       | 2     | WGS84_34S | 194865.4 | 7864805  | 1280 |
| ABENAB  | ABTS111 | AUG       | 2     | WGS84_34S | 194864.7 | 7864815  | 1280 |
| ABENAB  | ABTS112 | AUG       | 2     | WGS84_34S | 194865.7 | 7864826  | 1279 |
| ABENAB  | ABTS113 | AUG       | 2     | WGS84_34S | 194865.1 | 7864835  | 1279 |
| ABENAB  | ABTS114 | AUG       | 1     | WGS84_34S | 194863.4 | 7864846  | 1279 |
| ABENAB  | ABTS115 | AUG       | 1     | WGS84_34S | 194864.9 | 7864853  | 1279 |
| ABENAB  | ABTS116 | AUG       | 2     | WGS84_34S | 194864   | 7864860  | 1281 |
| ABENAB  | ABTS117 | AUG       | 2     | WGS84_34S | 194872.3 | 7864862  | 1278 |
| ABENAB  | ABTS118 | AUG       | 2     | WGS84_34S | 194875.6 | 7864855  | 1279 |
| ABENAB  | ABTS119 | AUG       | 2     | WGS84_34S | 194873.8 | 7864843  | 1282 |
| ABENAB  | ABTS120 | AUG       | 2     | WGS84_34S | 194873   | 7864834  | 1281 |
| ABENAB  | ABTS121 | AUG       | 2     | WGS84_34S | 194873.8 | 7864826  | 1282 |
| ABENAB  | ABTS122 | AUG       | 2     | WGS84_34S | 194875.6 | 7864815  | 1282 |
| ABENAB  | ABTS123 | AUG       | 2     | WGS84_34S | 194873.5 | 7864806  | 1283 |
| ABENAB  | ABTS124 | AUG       | 2     | WGS84_34S | 194874.4 | 7864798  | 1283 |
| ABENAB  | ABTS125 | AUG       | 2     | WGS84_34S | 194885.7 | 7864803  | 1281 |
| ABENAB  | ABTS126 | AUG       | 2     | WGS84_34S | 194883.5 | 7864816  | 1282 |
| ABENAB  | ABTS127 | AUG       | 2     | WGS84_34S | 194885.6 | 7864826  | 1282 |
| ABENAB  | ABTS128 | AUG       | 2     | WGS84_34S | 194886.5 | 7864835  | 1281 |
| ABENAB  | ABTS129 | AUG       | 2     | WGS84_34S | 194885.7 | 7864845  | 1281 |
| ABENAB  | ABTS130 | AUG       | 1     | WGS84_34S | 194888.5 | 7864855  | 1280 |
| ABENAB  | ABTS131 | AUG       | 1     | WGS84_34S | 194884.8 | 7864865  | 1278 |
| ABENAB  | ABTS132 | AUG       | 1     | WGS84_34S | 194896.2 | 7864866  | 1275 |
| ABENAB  | ABTS133 | AUG       | 2     | WGS84_34S | 194896.2 | 7864856  | 1281 |
| ABENAB  | ABTS134 | AUG       | 2     | WGS84_34S | 194896.2 | 7864846  | 1282 |
| ABENAB  | ABTS135 | AUG       | 2     | WGS84_34S | 194895.5 | 7864837  | 1282 |

| DataSet | Hole_ID | Hole_Type | Depth | Grid_ID   | Easting  | Northing | RL   |
|---------|---------|-----------|-------|-----------|----------|----------|------|
| ABENAB  | ABTS136 | AUG       | 2     | WGS84_34S | 194894.7 | 7864824  | 1282 |
| ABENAB  | ABTS137 | AUG       | 2     | WGS84_34S | 194895.5 | 7864816  | 1280 |
| ABENAB  | ABTS138 | AUG       | 2     | WGS84_34S | 194898.8 | 7864808  | 1281 |
| ABENAB  | ABTS139 | AUG       | 2     | WGS84_34S | 194906.6 | 7864815  | 1280 |
| ABENAB  | ABTS140 | AUG       | 2     | WGS84_34S | 194906   | 7864824  | 1280 |
| ABENAB  | ABTS141 | AUG       | 2     | WGS84_34S | 194905.9 | 7864837  | 1280 |
| ABENAB  | ABTS142 | AUG       | 2     | WGS84_34S | 194905.6 | 7864845  | 1280 |
| ABENAB  | ABTS143 | AUG       | 2     | WGS84_34S | 194907.2 | 7864856  | 1279 |
| ABENAB  | ABTS144 | AUG       | 2     | WGS84_34S | 194904   | 7864867  | 1274 |
| ABENAB  | ABTS145 | AUG       | 2     | WGS84_34S | 194914.4 | 7864871  | 1275 |
| ABENAB  | ABTS146 | AUG       | 2     | WGS84_34S | 194915.6 | 7864864  | 1279 |
| ABENAB  | ABTS147 | AUG       | 2     | WGS84_34S | 194914.6 | 7864854  | 1278 |
| ABENAB  | ABTS148 | AUG       | 2     | WGS84_34S | 194914.8 | 7864843  | 1278 |
| ABENAB  | ABTS149 | AUG       | 2     | WGS84_34S | 194914.7 | 7864835  | 1279 |
| ABENAB  | ABTS150 | AUG       | 2     | WGS84_34S | 194913.8 | 7864823  | 1279 |
| ABENAB  | ABTS151 | AUG       | 2     | WGS84_34S | 194916.5 | 7864815  | 1279 |
| ABENAB  | ABTS152 | AUG       | 2     | WGS84_34S | 194926.4 | 7864819  | 1280 |
| ABENAB  | ABTS153 | AUG       | 2     | WGS84_34S | 194925.8 | 7864826  | 1281 |
| ABENAB  | ABTS154 | AUG       | 2     | WGS84_34S | 194924.9 | 7864837  | 1281 |
| ABENAB  | ABTS155 | AUG       | 2     | WGS84_34S | 194926.9 | 7864845  | 1278 |
| ABENAB  | ABTS156 | AUG       | 2     | WGS84_34S | 194928   | 7864855  | 1278 |
| ABENAB  | ABTS157 | AUG       | 2     | WGS84_34S | 194928.2 | 7864864  | 1277 |
| ABENAB  | ABTS158 | AUG       | 1     | WGS84_34S | 194926.1 | 7864873  | 1276 |
| ABENAB  | ABTS159 | AUG       | 2     | WGS84_34S | 194935.1 | 7864874  | 1276 |
| ABENAB  | ABTS160 | AUG       | 2     | WGS84_34S | 194934.9 | 7864862  | 1276 |
| ABENAB  | ABTS161 | AUG       | 2     | WGS84_34S | 194933.9 | 7864847  | 1276 |
| ABENAB  | ABTS162 | AUG       | 2     | WGS84_34S | 194935.5 | 7864857  | 1277 |
| ABENAB  | ABTS163 | AUG       | 2     | WGS84_34S | 194931.8 | 7864835  | 1279 |
| ABENAB  | ABTS164 | AUG       | 2     | WGS84_34S | 194934.3 | 7864827  | 1279 |
| ABENAB  | ABTS165 | AUG       | 2     | WGS84_34S | 194946.6 | 7864824  | 1279 |
| ABENAB  | ABTS166 | AUG       | 2     | WGS84_34S | 194945.7 | 7864835  | 1279 |
| ABENAB  | ABTS167 | AUG       | 2     | WGS84_34S | 194946   | 7864846  | 1279 |
| ABENAB  | ABTS168 | AUG       | 2     | WGS84_34S | 194946.5 | 7864855  | 1279 |
| ABENAB  | ABTS169 | AUG       | 2     | WGS84_34S | 194947.1 | 7864864  | 1278 |
| ABENAB  | ABTS170 | AUG       | 2     | WGS84_34S | 194945   | 7864875  | 1278 |
| ABENAB  | ABTS171 | AUG       | 2     | WGS84_34S | 194956.6 | 7864864  | 1278 |
| ABENAB  | ABTS172 | AUG       | 2     | WGS84_34S | 194955   | 7864856  | 1278 |

## JORC Code, 2012 Edition – Table 1 report template

### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

| Criteria              | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sampling techniques   | <ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where ‘industry standard’ work has been done this would be relatively simple (eg ‘reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay’). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul style="list-style-type: none"> <li>Stockpile<br/>2-3kg samples were taken from shallow pits (30-40cm) at the surface of the stockpile on a nominal 10m x 10m grid.</li> <li>Tailings               <ul style="list-style-type: none"> <li>A powered auger was used to take samples of the tails.</li> <li>Holes were drilled on a 10m x 10m grid to the base of the dump (1-2m).</li> <li>2-3kg samples were collected at 1m depth intervals to the base of the dump.</li> </ul> </li> </ul> |
| Drilling techniques   | <ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>Tailings<br/>A handheld powered auger was used to obtain samples.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                              |
| Drill sample recovery | <ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>Tailings<br/>There was no observed sample loss during auger drilling.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                          |
| Logging               | <ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>The lithological characteristics of the material taken from the stockpile and tailings was recorded.</li> </ul>                                                                                                                                                                                                                                                                                                                                           |

| Criteria                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sub-sampling techniques and sample preparation | <ul style="list-style-type: none"> <li>The total length and percentage of the relevant intersections logged.</li> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul> | <ul style="list-style-type: none"> <li>Stockpile               <ul style="list-style-type: none"> <li>Samples comprised 2-3kg of material taken from a shallow pit (30-40cm) dug on the surface of the stockpile. The material comprised coarse broken rock and finer grained rock fragments and clay. The samples were not split or sub-sampled.</li> <li>The 2-3kg sample may not be fully representative because of the coarse and variable size of the material.</li> </ul> </li> <li>Tailings               <ul style="list-style-type: none"> <li>Samples were taken at 1m intervals from the auger cuttings.</li> <li>The samples were riffle split to generate a 2-3kg sample for analysis.</li> <li>The 2-3kg split of the sample is representative of the whole 1m sample interval because the tailings material is fine grained.</li> </ul> </li> </ul> |
| Quality of assay data and laboratory tests     | <ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>                                                                                                                                                            | <ul style="list-style-type: none"> <li>Tailings and stockpile               <ul style="list-style-type: none"> <li>All samples were sent to ALS Laboratory in Namibia for analysis.</li> <li>Samples were analysed using a mixed acid digest, a total digest.</li> <li>Samples were analysed using an ICP-OES finish.</li> <li>Quality assurance, quality control (QAQC) samples were inserted at a ratio of 1:20.</li> <li>QAQC samples included standards, blanks and duplicates.</li> <li>Standards were sourced from (African Mineral Standards) AMIS.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                  |
| Verification of sampling and assaying          | <ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Tailing               <ul style="list-style-type: none"> <li>Significant intersections are verified by two company geologists.</li> <li>No holes were twinned.</li> <li>Drill and sample data is recorded digitally and uploaded into a SQL database.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Location of data points                        | <ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Tailings and Stockpile               <ul style="list-style-type: none"> <li>A Garmin GPS 78 was used to locate drill holes or sampling points.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Criteria                                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                              | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                | <ul style="list-style-type: none"> <li>• <i>Specification of the grid system used.</i></li> <li>• <i>Quality and adequacy of topographic control.</i></li> </ul>                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>• The grid system used is based on the WGS84 34 S datum.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <i>Data spacing and distribution</i>                           | <ul style="list-style-type: none"> <li>• <i>Data spacing for reporting of Exploration Results.</i></li> <li>• <i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></li> <li>• <i>Whether sample compositing has been applied.</i></li> </ul>                        | <ul style="list-style-type: none"> <li>• Tailings               <ul style="list-style-type: none"> <li>• Auger holes were spaced at 10m x 10m.</li> <li>• The hole spacing and sample interval is considered adequate to provide an indication of grade continuity.</li> <li>• No resource estimation was conducted with the data.</li> </ul> </li> <li>• Stockpile               <ul style="list-style-type: none"> <li>• Sampling was conducted on 10m x 10m grid.</li> <li>• The sample spacing provides only an approximation of the stockpile grade.</li> <li>• Grade variability within the coarse stockpiled material could be high.</li> </ul> </li> </ul> |
| <i>Orientation of data in relation to geological structure</i> | <ul style="list-style-type: none"> <li>• <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li>• <i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></li> </ul> | <ul style="list-style-type: none"> <li>• Tailings               <ul style="list-style-type: none"> <li>• Auger holes were drilled vertically, perpendicular to the layering within the tailings dump.</li> </ul> </li> <li>• Stockpile               <ul style="list-style-type: none"> <li>• There is no relationship between the pit sampling and grade variability in the stockpile.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                     |
| <i>Sample security</i>                                         | <ul style="list-style-type: none"> <li>• <i>The measures taken to ensure sample security.</i></li> </ul>                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>• Tailings and Stockpile               <ul style="list-style-type: none"> <li>• All sample were sealed in bags and delivered to the laboratory by courier.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <i>Audits or reviews</i>                                       | <ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>• No audits were conducted.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

| Criteria                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                   | Commentary                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Mineral tenement and land tenure status</i> | <ul style="list-style-type: none"> <li>• <i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></li> </ul> | <ul style="list-style-type: none"> <li>• Exclusive Prospecting License number 5496 (Active). Issued by the Namibian Government Ministry of mines and Energy.</li> <li>• Access agreement is in place with landowners</li> <li>• Valid Environmental Clearance Certificate issued by Namibian</li> </ul> |

| Criteria                          | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | <ul style="list-style-type: none"> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Government Ministry of Environment and Tourism.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Exploration done by other parties | <ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>Previous exploration at the Abenab project has been completed by South West Africa Company, Tsumeb Corporation Ltd, Goldfields of Namibia, Japanese International Cooperation Agency, Kudu Minerals and Avonlea Minerals Ltd.</li> </ul>                                                                                                                                                                                                                                               |
| Geology                           | <ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>The Abenab pipe deposit is hosted within carbonate units of the Otavi Group rocks. Mineralisation is hosted on or near the contact between units of the Maiberg Formation.</li> <li>Mineralisation is historically hosted in a pipe-like body described as a collapsed breccia with localized clay infill. Vanadium-leadzinc mineralisation comprises an oxide mineral known as descloizite with minor associated vanadinite.</li> </ul>                                               |
| Drill hole Information            | <ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:               <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul> | <ul style="list-style-type: none"> <li>Tailings               <ul style="list-style-type: none"> <li>The Easting, Northing and RL for each auger hole is shown in Appendix 3.</li> <li>The dip, azimuth and depth of each auger hole is shown in Appendix 3.</li> </ul> </li> <li>Stockpile               <ul style="list-style-type: none"> <li>The location of each sample is shown in Figure 2 of this press release.</li> <li>The Easting, Northing and RL for each sample is shown in Appendix 1.</li> </ul> </li> </ul> |
| Data aggregation methods          | <ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Tailings               <ul style="list-style-type: none"> <li>Auger intersections are not reported as averages and no cut-off grades were used.</li> <li>No aggregate intercepts are reported.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                  |

| Criteria                                                                | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                 | Commentary                                                                                                                                                                                         |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Relationship between mineralisation widths and intercept lengths</i> | <ul style="list-style-type: none"> <li>• These relationships are particularly important in the reporting of Exploration Results.</li> <li>• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul> | <ul style="list-style-type: none"> <li>• N/A</li> </ul>                                                                                                                                            |
| <i>Diagrams</i>                                                         | <ul style="list-style-type: none"> <li>• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>                                                                                                                                | <ul style="list-style-type: none"> <li>• The location of the stockpile samples are shown in Figure 2 of this press release.</li> </ul>                                                             |
| <i>Balanced reporting</i>                                               | <ul style="list-style-type: none"> <li>• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• All assay results from the tailings and stockpile sampling are reported.</li> </ul>                                                                       |
| <i>Other substantive exploration data</i>                               | <ul style="list-style-type: none"> <li>• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>             | <ul style="list-style-type: none"> <li>• None</li> </ul>                                                                                                                                           |
| <i>Further work</i>                                                     | <ul style="list-style-type: none"> <li>• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>                                                 | <ul style="list-style-type: none"> <li>• Additional areas of stockpile material, tailings and waste have been identified in the Abenab Mine area. Sampling of this material is planned.</li> </ul> |