

Borehole Information

Borehole Number:

105/24/X003/H1

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL109/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.763756 , 26.096669

Location: Moralane

Start Drill: N/A

End Drill: N/A

Borehole Type: Exploration

Drilling Method: Core

Sample Type: Core

Depth of Surface Casing: N/A

Azimuth: 0 Degrees

Hole Inclination: N/A

Collar Elevation: N/A

Borehole Water Strike: N/A

End of Hole (Depth): N/A

Log Formation:

| No. | From (m) | To (m) | Log Formation |
|-----|----------|--------|---|
| 1. | 0 | 1 | Iron stained grits. |
| 2. | 1 | 3 | Loose quartz grains, minor calcrete. |
| 3. | 3 | 4 | Calcrete, minor grits. |
| 4. | 4 | 6 | Calcrete. |
| 5. | 6 | 18 | White calcretised Sandstone. |
| 6. | 18 | 20 | White calcretised Sandstone, pink Sandstones. |
| 7. | 20 | 24 | Calcrete |
| 8. | 24 | 40 | Pink, buff micaceous Sandstone. |
| 9. | 40 | 41 | Hard siliceous Sands, poor recovery. |
| 10. | 41 | 45 | Hard siliceous Sands. |
| 11. | 45 | 72 | Pink, buff Sandstone. |
| 12. | 72 | 81 | Pink micaceous siltstone. |
| 13. | 81 | 90 | Pink, green mottled mudstone. |
| 14. | 90 | 91 | Coarse micaceous quartz rich Sandstone. |
| 15. | 91 | 95 | Pink, green mottled mudstone. |

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Page Number: 1 | **Date/Time Stamp:** Sun, 22 Dec 24 09:54:51 +0200





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| 16. | 95 | 148 | Pink mudstone. |
| 17. | 148 | 157 | Grey, brown mudstone. |
| 18. | 157 | 158 | Coarse micaceous arenite. |
| 19. | 158 | 177 | Light grey siltstone. |
| 20. | 177 | 178 | Fine arenite with plant remains. |
| 21. | 178 | 180 | Light grey mudstone. |
| 22. | 180 | 187 | Grey calcareous mudstone. |
| 23. | 187 | 188 | Grey mudstone, minor medium grained micaceous arenite. |
| 24. | 188 | 189 | Medium grained arenite. |
| 25. | 189 | 191 | Dark grey mudstone. |
| 26. | 191 | 192 | Shaley Coal, arenite. |
| 27. | 192 | 193 | Fine grained arenite, black carbonaceous Shale. |
| 28. | 193 | 194 | Shaley Coal. |
| 29. | 194 | 195 | Carbonaceous Shales. |
| 30. | 195 | 196 | Grey mudstone, carbonaceous syenite rich mudstones. |
| 31. | 196 | 197 | Dark grey mudstones, minor syntic mudstone. |
| 32. | 197 | 198 | Grey mudstone. |
| 33. | 198 | 199 | Dark grey mudstone with plant remains. |
| 34. | 199 | 200 | Black mudstone. |
| 35. | 200 | 202 | Grey mudstone. |
| 36. | 202 | 203 | Grey mudstone, minor Coal and syenite nodules. |
| 37. | 203 | 205 | Grey mudstone with plant remains. |
| 38. | 205 | 206 | Grey mudstone. |
| 39. | 206 | 207 | Carbonaceous Shale. |
| 40. | 207 | 208 | Fine grey arenite. |
| 41. | 208 | 209 | Fine grey arenite with Coal. |
| 42. | 209 | 210 | Micaceous arenite with plant remains. |
| 43. | 210 | 211 | Shaley Coal, minor arenite. |
| 44. | 211 | 213 | Arenite plus Coal. |
| 45. | 213 | 214 | Shaley Coal, Coal. |
| 46. | 214 | 215 | Arenite, Coal with pyrite. |
| 47. | 215 | 216 | Grey pyritic siltstone. |
| 48. | 216 | 218 | Shaley Coal. |
| 49. | 218 | 219 | Shaley Coal, Coal with pyrite. |
| 50. | 219 | 221 | Shaley Coal. |
| 51. | 221 | 222 | Medium to fine grained grey micaceous arenite. |
| 52. | 222 | 223 | Grey arenite. |
| 53. | 223 | 225 | Grey micaceous arenite with plant remains. |
| 54. | 225 | 226 | Grey macaceous arenite. |





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| 55. | 226 | 227 | Carbonaceous Shales and Coal, minor arenite. |
| 56. | 227 | 228 | Shaley Coal, Coal, minor arenite. |
| 57. | 228 | 229 | Coal |
| 58. | 229 | 230 | Coal, minor arenite. |
| 59. | 230 | 231 | Coal, Shaley Coal. |
| 60. | 231 | 232 | Carbonaceous Shale. |
| 61. | 232 | 233 | Coal with pyrite. |
| 62. | 233 | 234 | Dark grey arenite. |
| 63. | 234 | 235 | Light grey fine arenite. |
| 64. | 235 | 236 | Dark arenite, carbonaceous Shale. |
| 65. | 236 | 237 | Light grey arenite. |
| 66. | 237 | 238 | Quartzite, minor mafic rock probably dolerite. |
| 67. | 238 | 239 | Grey Shales. |
| 68. | 239 | 240 | Arenite |

NB: For any enquiries, application, acquisition or verifications related to Water Boreholes, kindly contact the Department of Water and Sanitation for assistance.

