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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/GT-1A/DPR-30*  ***Dated:*** *23-01-2017* | |
| **Client** | Oman DP | **Consultant** | AZD Engineering Consultancy |
| **Contractor** | Lalbuksh Voltas Engineering | **Sub-contractor** | Geo-Solutions Engineering |
| **Subject** | Daily Progress Report |  | |
| **Project** | **Phase-1: OmanDP -** Scientific Drilling Programme for Oman Drilling Project in Ash Sharqiyah North Governorate and Ad Dakhiliyah Governorate | | |

**DAILY PROGRESS REPORT**

**(Dated: 23rd of January 2017)**

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| --- | --- | --- | --- |
| **Rig-1 (Dynatech)** | | | |
| ***LOCATION AND TARGET:*** | | | |
| **Drill Hole ID** | **GT-1A** | **Location** | Wadi Gideah |
| **Coordinates** | UTM: E655373.7 N2532417.3 | **Elevation** | **-** |
| **Azimuth** | **-** | **Inclination** | 90º/ Vertical |
| **Drilling** | HQ Size | **Method** | Wire line-Diamond Core Drilling |
| **Target Depth** | 400 mtrs | **Geol. Target** | Gabbro-Hydrothermal Fault Zone |
| ***DRILLING:*** | | | |
| **Drilling Status** | Continued reaming with shoe bit and installing the HW casing from 2.5mbgl; faces drilling difficulty; POOH and again RIH to ream up to 12mbgl. Run in hole the HQ drill bit assembly which starts re-drilling from 10.4mbgl some fallen materials and then the solid rock further. Core recovered shows the deviation from the previously drilled hole. Continue drilling to straighten the hole up to 17.7m as it’s presumed that the deviation was in previous drilling and now hole is straight. *(As per the driller)* | | |
| **Penetration Rate** | Variable; | | |
| **Bit Rotation** | Variable; | | |
| **Fluid Circulation** | 80%; Normal circulation | | |
| **Total Drill Run** | 3; 1 being of 1.3m and 2 being of 3 meters each | | |
| **Today’s Drilling** | **7.3 (redrilling)** | | |
| **Cumulative Total** | **17.7 (Same as of yesterday and today)** | | |
| ***CORE CURATION:*** | | | |
| **Core Recovery, Photography, Marking, Sectioning, Scanning, Labeling, Sketching, Description, Sampling, Packing and Storage etc., being performed as per the standard procedure of ICDP.**  **Brief Lithology: Ophiolite consisting of Gabbro litho unit mostly olivine rich; medium to coarse grained greenish gray to gray, moderately strong to strong fresh then at times highly fractured and sheared showing dark spotted foliations at some intervals; altered at places foliated to layered gabbro with less; Presence of veins and veinlet of siliceous hydrothermal alteration products mixed with carbonates** | | | |
| ***PERSONNEL ONSITE:*** | | | |
| **ODP :** Jude Coggon, Benoit Ildefonse, Anna Jesus, Samuel Mueller  **AZD :** Nehal H Warsi  **LBV :** Gopi Krishnan  **GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, **?????????,(Absent)** | | | |
| ***REMARKS:*** | | | |
| ***\*Contractor’s representative reminded about the absence of at least one or two other drilling assistants.*** | | | |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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