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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/GT-3A/DPR-50*  ***Dated:*** *12-02-2017* | |
| **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: 12th of February 2017)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Rig-1 (Dynatech)** | | | |
| ***LOCATION AND TARGET:*** | | | |
| **Drill Hole ID** | **GT-3A** | **Location** | **Wadi Abdah** |
| **Coordinates** | UTM: 624193.0E 2556476.0N | **Elevation** | **-** |
| **Azimuth** | **-** | **Inclination** | 90º/ Vertical |
| **Drilling** | HQ Size | **Method** | Wire line-Diamond Core Drilling |
| **Target Depth** | 400 mtrs | **Geol. Target** | Gabbro-Sheeted Dyke Transition |
| ***DRILLING:*** | | | |
| **Drilling Status** | Continued to drill a vertical drill hole with HQ core from 2.70mbgl-11.85mbgl; POOH and started to ream with shoe bit and install HW surface casing up to 8mbgl. | | |
| **Penetration Rate** | 60 min for 3.05m run | | |
| **Bit Rotation** | 350 rpm | | |
| **Fluid Circulation** | Total loss of Circulation from 5.25m onward | | |
| **Total Drill Run** | 7; of 0.7,1.5,0.65,0.2,0.8,2.25 and 3.05 each | | |
| **Today’s Drilling** | **9.15m** | | |
| **Cumulative Total** | **11.85m (HQ)** | | |
| ***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 part of dolerite dyke or diabase unit composed of aphanitic-chilled margin porphyry, grayish green, fine groundmass with visible crystals of plagioclase, compact, moderately strong to strong, fractured and oxidized with carbonates; presence hydrothermal alteration products and epidotes** | | | |
| ***PERSONNEL ONSITE:*** | | | |
| **ODP** **:** Jude Coggon, Gretchen Bernasconi, Michelle Harris, Nicholas Bompard, Julie Noel, Damon Teagle **AZD :** Nehal Hasan Warsi  **LBV :** Gopi Krishnan  **GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, Mohd. Alauddin  **Others:** None | | | |
| ***REMARKS:*** | | | |
| ***\**** *Core boxes loaded on the Truck; Truck still in Ibra, problem with break; likely to move tomorrow after repairing.* | | | |

Best Regards,

**Nehal H Warsi**

# *Site Geologist, AZD Engineering Consultancy*

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