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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/GT-3A/DPR-55*  ***Dated:*** *17-02-2017* | |
| **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: 17th 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 further deep with HQ drill bit from 124.70m to 132.80mbgl.** | | |
| **Penetration Rate** | Variable; between 40-55 min for 3.05m core run | | |
| **Bit Rotation** | Variable; average 400 rpm | | |
| **Fluid Circulation** | Total loss of circulation continues | | |
| **Total Drill Run** | 3; 2 being of 3.05m and one being of 2.0m | | |
| **Today’s Drilling** | **8.10m** | | |
| **Cumulative Total** | **132.80m (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 of fresh coarse gabbro mixed with various episodes of dyke or diabase unit composed of fine grained to aphanitic-chilled margin, grayish green, compact groundmass with visible phenocryst of plagioclase, or olivine or pyroxene at place, moderately strong to strong, at places fractured; presence of hydrothermal alteration products and epidotes in abundance all over.** | | | |
| ***PERSONNEL ONSITE:*** | | | |
| **ODP** **:** Nicholas Bompard, Damon Teagle, Yohanna, Lydric, Emma, Louise, Marine, Juerg Matter,Juergen Koepake **AZD :** Nehal Hasan Warsi  **LBV :** Gopi Krishnan  **GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, Mohd. Alauddin | | | |
| ***REMARKS:*** | | | |
| **\*** *Drilling stopped earlier because of the shortage of drilling water.* | | | |

Best Regards,

**Nehal H Warsi**

# *Site Geologist, AZD Engineering Consultancy*

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