|  |  |  |  |
| --- | --- | --- | --- |
| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/GT-3A/DPR-54*  ***Dated:*** *16-02-2017* | |
| **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: 16th 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 100.30m to 124.70mbgl. Stopped to drill at 2:30 PM because of the non-availability of drilling water.** | | |
| **Penetration Rate** | Variable; between 30-50 min for 3.05m core run | | |
| **Bit Rotation** | Variable; average 400 rpm | | |
| **Fluid Circulation** | Total loss of circulation continues | | |
| **Total Drill Run** | 9; 7 being of 3.05m and others two being of 2.65 and 0.4m | | |
| **Today’s Drilling** | **24.40m** | | |
| **Cumulative Total** | **124.70m (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 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 and carbonates, zeolite crystal overgrowth; presence of hydrothermal alteration products and epidotes in abundance all over. Gabbroic intrusion in patches at some intervals** | | | |
| ***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:*** | | | |
| *\*Waiting for the drilling water: 2 hours.*  *\*BT-1 site permit obtained by the contractor.* | | | |

Best Regards,

**Nehal H Warsi**

# *Site Geologist, AZD Engineering Consultancy*

**GSM: +968 98037217; 79113454**

**Email: nhwarsi@gmail.com**