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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/GT-3A/DPR-64*  ***Dated:*** *26-02-2017* | |
| **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: 26th of February 2017)**

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| --- | --- | --- | --- |
| **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/NQ Size | **Method** | Wire line-Diamond Core Drilling |
| **Target Depth** | 400 mtrs | **Geol. Target** | Gabbro-Sheeted Dyke Transition |
| ***DRILLING:*** | | | |
| **Drilling Status** | Continued drilling further down with NQ drill bit from 289.30mbgl to 312.90mbgl. It’s time to change the drill bit, So PooH and replaced worn out bit with new NQ bit. | | |
| **Penetration Rate** | Variable; between 20-55min for 3.05m core | | |
| **Bit Rotation** | Variable; average 450rpm | | |
| **Fluid Circulation** | 80%; Normal circulation | | |
| **Total Drill Run** | 8; 7 being of 3.05m and one of 2.25m | | |
| **Today’s Drilling** | **23.60m** | | |
| **Cumulative Total** | **312.90m**  *(HQ=257.3m; NQ=55.6m)* | | |
| ***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 granoblasts to aphanitic-chilled margin, grayish green, compact groundmass with some phenocryst, moderately strong to strong with abundance of laumantite veins; presence of hydrothermal alteration all over. Diabases are cut across at intervals with oxidized Gabbro, greenish gray with yellowish and brownish tint, highly altered and epidotised all over at places fractured.** | | | |
| ***PERSONNEL ONSITE:*** | | | |
| **ODP :** Jude Coggon, Christopher MacLeod, Antony Morris, Louise Koornneef **AZD :** Nehal Hasan Warsi  **LBV :** Gopi Krishnan  **GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, Mohd. Alauddin  **Others:** | | | |
| ***REMARKS:*** | | | |
| **\* Site Visit for BT-1.** | | | |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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