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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/GT-3A/DPR-65*  ***Dated:*** *27-02-2017* | |
| **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: 27th 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** | Sheeted Dyke-Gabbro Transition |
| ***DRILLING:*** | | | |
| **Drilling Status** | RiH the NQ drill assembly up to bottom and continued drilling further down from 312.90 mbgl to 335.05mbgl. | | |
| **Penetration Rate** | Variable; between 30-35min for 3.05m core | | |
| **Bit Rotation** | Variable; average 500rpm | | |
| **Fluid Circulation** | 80%; Normal circulation decreases to 20% towards end | | |
| **Total Drill Run** | 8; 7 being of 3.05m and one of 0.8m | | |
| **Today’s Drilling** | **22.15m** | | |
| **Cumulative Total** | **335.05m**  *(HQ=257.3m; NQ=77.75m)* | | |
| ***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 and at places micro Gabbro, greenish gray with yellowish and brownish tint, highly altered and epidotised all over, at places fractured and oxidized recrystallization.** | | | |
| ***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:*** | | | |
| **\* *Drilling and other site works hindered because of the variable rain with occasional thunder; moderate wind flow & cloudy weather; Safety arrangement in place.*** | | | |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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