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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/BT-1A/DPR-74*  ***Dated:*** *08-03-2017* | |
| **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: 8th of March 2017)**

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| --- | --- | --- | --- |
| **Rig-1 (Dynatech)** | | | |
| ***LOCATION AND TARGET:*** | | | |
| **Drill Hole ID** | **BT-1B** | **Location** | **Wadi Mansah** |
| **Coordinates** | UTM 622731.0E 2583675.0N | **Elevation** | **-** |
| **Azimuth** | N30° | **Inclination** | Inclined 75° |
| **Drilling** | HQ Size | **Method** | Wire line-Diamond Core Drilling |
| **Target Depth** | 400 mtrs | **Geol. Target** | Altered Peridotites-Basal Thrust |
| ***DRILLING:*** | | | |
| **Drilling Status** | Continued drilling with HQ drill bit from 11.75mbgl and drilled up to 30.05mbgl. | | |
| **Penetration Rate** | Variable; between 40-105min for 3.05m core | | |
| **Bit Rotation** | Variable; average 500rpm | | |
| **Fluid Circulation** | 60%; Partial loss | | |
| **Total Drill Run** | 8; 4 being of 3.05m; and others of 1.55, 1.5, 2.0 and 1.0m each | | |
| **Today’s Drilling** | **18.30m** | | |
| **Cumulative Total** | **30.05m** *(1.9m for BT-1A)* | | |
| ***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 altered Peridotite mainly consisting of micro to coarse crystalline strong, reddish brown to at places off white and greenish gray fresh to oxidized and altered carbonated to highly siliceous Listvanite, comprising of abundance of magnesite, dolomite and some calcite veins all over, Thickness of veins increasing towards the end and presence of relict textures of serpentine.** | | | |
| ***PERSONNEL ONSITE:*** | | | |
| **ODP :** Peter Kelemen, Jude Coggon, Craig Manning, David Zeko, Danial Nothaft, Romain Lafay and Americus Perez, **AZD :** Nehal Hasan Warsi  **LBV :** Gopi Krishnan  **GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, Mohd. Sadiq and water tanker driver.  **Others:** | | | |
| ***REMARKS:*** | | | |
| **\*Core saw repairing done; working fine.**  **\**Less progress today, all blames to the network of siliceous veins.*** | | | |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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