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| **To,** **Prof. Juerg M. Matter** Project Director, ODP | ***Doc. No.:*** *AZD/ODP/BT-1B/DPR-86****Dated:*** *20-03-2017* |
| **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: 20th of March 2017)**

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| **Rig-1 (Dynatech)** |
| ***LOCATION AND TARGET:*** |
| **Drill Hole ID** | **BT-1B**  | **Location** | **Wadi Mansah** |
| **Coordinates** | UTM 620988E 2584403N | **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 to drill with NQ drill bit from 228.10m and drilled up to 261.65mbgl. |
| **Penetration Rate**  | Variable; between 25-40min for 3.05m core |
| **Bit Rotation**  | Variable; average 600rpm |
| **Fluid Circulation**  | Yes; 80 %  |
| **Total Drill Run**  | 11; each being of 3.05m  |
| **Today’s Drilling**  | **33.55m** |
| **Cumulative Total**  | **261.65m** *(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: - Metamorphic sole of Ophiolite consisting of all meta-basalt and meta-sediments, greenish gray to brownish, highly fractured finely laminated to sheared at most places brecciated, epidotes rich; presence of trace sulphides at places.** |
| ***PERSONNEL ONSITE:*** |
| **ODP :** Peter Kelemen, Jude Coggon, Craig Manning, David Zeko, Romain, Americus Perez, Juan Carlos**AZD :** Nehal Hasan Warsi**LBV :** Gopi Krishnan**GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, Mohd. Sadiq and water tanker driver.**Others:** *Students from SQU: Two students-Monthar al Maawli, Al Maotassam al Salmi*  |
| ***REMARKS:***  |
| **\*Complete core boxes loaded on truck and sent to Muscat.****\*Ophiolite Researchers from GuTech visit the drill site and areas around it.****\***Craig Manning leaves the site. |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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