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| **To,** **Prof. Juerg M. Matter** Project Director, ODP | ***Doc. No.:*** *AZD/ODP/BT-1B/DPR-81****Dated:*** *15-03-2017* |
| **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: 15th 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 drilling from 130.70mbgl and drilled up to 155.10mbgl. Drilling work hindered for an hour because of the non-availability of water. |
| **Penetration Rate**  | Variable; between 35-70min for 3.05m core |
| **Bit Rotation**  | Variable; average 600rpm |
| **Fluid Circulation**  | Complete loss of circulation  |
| **Total Drill Run**  | 9; 7 being of 3.05m and other two of 2.8 and 0.25m each |
| **Today’s Drilling**  | **24.40m** |
| **Cumulative Total**  | **155.10m** *(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 calcic magnesium silicate rich, micro to coarse crystalline strong, reddish brown to off white cream color and greenish gray fresh to altered, quartz-carbonated Listvanite, brecciated at places, presence of most fuchsite, at places fractured with crystal overgrowths** |
| ***PERSONNEL ONSITE:*** |
| **ODP :** Peter Kelemen, Jude Coggon, Craig Manning, David Zeko, Romain Lafay, 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:** *MRMWR: Engr. Shihab al Balushi and Engr. Hamoud Al Siyabi, onsite training programme.****Visitors:*** *Four members of Geophysical logging team of MRMWR visits the site and areas around it.* |
| ***REMARKS:***  |
| \* Nicholas Bompard leaves the onsite team. |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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