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| **To,** **Prof. Juerg M. Matter** Project Director, ODP | ***Doc. No.:*** *AZD/ODP/BT-1B/DPR-83****Dated:*** *17-03-2017* |
| **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: 17th 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**  | Completed the installation of NC casing with shoe bit. RiH the NQ drill bit assembly up to the drilled depth of 167.10mbgl. Started to drill with NQ drill bit from 167.10m and drilled up to 170.15mbgl. |
| **Penetration Rate**  | 45min for 3.05m core |
| **Bit Rotation**  | Variable; average 600rpm |
| **Fluid Circulation**  | Yes; 80 %  |
| **Total Drill Run**  | 1; of 3.05m  |
| **Today’s Drilling**  | **3.05m** |
| **Cumulative Total**  | **170.15m** *(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, mostly off white to greenish gray fresh to altered, quartz-carbonated Listvanite, mostly brecciated, presence of most fuchsite, at places fractured.** |
| ***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:** |
| ***REMARKS:***  |
| \* Friday Working. |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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