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| **To,** **Prof. Juerg M. Matter** Project Director, ODP | ***Doc. No.:*** *AZD/ODP/BT-1B/DPR-88****Dated:*** *22-03-2017* |
| **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: 22nd 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 291.70m and drilled up to 300mbgl. Drilling Completed. PooH. |
| **Penetration Rate**  | Variable; between 20-35min for 3.05m core |
| **Bit Rotation**  | Variable; average 600rpm |
| **Fluid Circulation**  | Yes; 80 %  |
| **Total Drill Run**  | 5; 1 being of 3.05m and 4 other small cores |
| **Today’s Drilling**  | **8.30m** |
| **Cumulative Total**  | **300m** *(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, fine, greenish gray to green, highly fractured showing chlorite and serpentinised, finely laminated to sheared at most places, epidotes and quartz rich; presence of trace sulphides at places.** |
| ***PERSONNEL ONSITE:*** |
| **ODP :** Peter Kelemen, Jude Coggon, 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:** *Students from SQU: Two students-Monthar al Maawli, Al Maotassam al Salmi*  |
| ***REMARKS:***  |
| **\*Students and teachers from Higher College of Technology visit the drill site and areas around it.****\*Two French Researchers visit the drill site and areas around it.****\*The Oman Observer Journalist, Ms. Laxmi, visits the drill site.****\*Dr. Ali bin Saud al Bimani, Vice Chancellor, SQU and Dr. Rahma Al Mahrooqi, Deputy Vice Chancellor, SQU visited the drill site along with Prof. Sobhi Nasir of Earth sciences deptt., SQU.** |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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