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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/BT-1B/DPR-87*  ***Dated:*** *21-03-2017* | |
| **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: 21st of March 2017)**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 261.65m and drilled up to 291.70mbgl. | | |
| **Penetration Rate** | Variable; between 20-35min for 3.05m core | | |
| **Bit Rotation** | Variable; average 600rpm | | |
| **Fluid Circulation** | Yes; 80 % | | |
| **Total Drill Run** | 16; 4 being of 3.05m and 12 other small cores | | |
| **Today’s Drilling** | **30.05m** | | |
| **Cumulative Total** | **291.70m** *(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:*** | | | |
| **\* Personnel from PDO visit the drill site and areas around it.**  **\* Safety measures taken looking at the weather condition.** | | | |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

**GSM: +968 98037217; 79113454**

**Email: nhwarsi@gmail.com**