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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/GT-3A/DPR-67*  ***Dated:*** *01-03-2017* | |
| **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: 01st of March 2017)**

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| --- | --- | --- | --- |
| **Rig-1 (Dynatech)** | | | |
| ***LOCATION AND TARGET:*** | | | |
| **Drill Hole ID** | **GT-3A** | **Location** | **Wadi Abdah** |
| **Coordinates** | UTM: 624193.0E 2556476.0N | **Elevation** | **-** |
| **Azimuth** | **-** | **Inclination** | 90º/ Vertical |
| **Drilling** | HQ/NQ Size | **Method** | Wire line-Diamond Core Drilling |
| **Target Depth** | 400 mtrs | **Geol. Target** | Sheeted Dyke-Gabbro Transition |
| ***DRILLING:*** | | | |
| **Drilling Status** | Continued to drill further down from 365.55mbgl to 393.00mbgl. | | |
| **Penetration Rate** | Variable; between 25-50min for 3.05m core | | |
| **Bit Rotation** | Variable; average 500rpm | | |
| **Fluid Circulation** | Continued LOC from 340mbgl. | | |
| **Total Drill Run** | 11; 7 being of 3.05m; others being of 0.6, 2.45, 2.55 and 0.5m | | |
| **Today’s Drilling** | **27.45m** | | |
| **Cumulative Total** | **393.00m**  *(HQ=257.3m; NQ=135.70m)* | | |
| ***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 mostly micro to coarse crystalline Gabbro, greenish gray with yellowish and brownish tint, highly altered and epidotised all over with diabase at palces and traces of pyrite followed by various episodes of dyke or diabase unit composed of fine grained granoblasts to aphanitic-chilled margin, grayish green, compact groundmass with some phenocryst, moderately strong to strong with abundance of laumantite veins; presence of hydrothermal alteration all over.** | | | |
| ***PERSONNEL ONSITE:*** | | | |
| **ODP :** Peter Kelemen, Jude Coggon, David Zeko, Danial Nothaft, Romian Lafay **AZD :** Nehal Hasan Warsi  **LBV :** Gopi Krishnan  **GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, Mohd. Alauddin  **Others:** *A team of American Microbiologists and other geologists visit the site.* | | | |
| ***REMARKS:*** | | | |
| **\*** Christopher MacLeod, Antony Morris, Louise Koornneef leave the site work to field.  \*Sam, The Video Journalist visits site and captures the moments. | | | |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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