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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/GT-3A/DPR-52*  ***Dated:*** *14-02-2017* | |
| **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: 14th of February 2017)**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 Size | **Method** | Wire line-Diamond Core Drilling |
| **Target Depth** | 400 mtrs | **Geol. Target** | Gabbro-Sheeted Dyke Transition |
| ***DRILLING:*** | | | |
| **Drilling Status** | Continued to drill further with HQ drill bit from 24.05mbgl to 63.70mbgl. | | |
| **Penetration Rate** | Variable; between 20-60 min for 3.05m core run | | |
| **Bit Rotation** | 400 rpm | | |
| **Fluid Circulation** | Total loss of circulation | | |
| **Total Drill Run** | 13; each being of 3.05m | | |
| **Today’s Drilling** | **39.65m *(Highest drilling meterage in a single day, as of now in the project)*** | | |
| **Cumulative Total** | **63.70m (HQ)** | | |
| ***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 various episodes of dyke or diabase unit composed of fine grained to aphanitic-chilled margin, grayish green, fine groundmass with visible crystals of plagioclase, compact, moderately strong to strong, fractured and oxidized with carbonates at places crystal overgrowth; presence of hydrothermal alteration products and epidotes in abundance. Presence of highly altered and sheared zone between 46.20-46.70 and 47.20-47.50mbgl** | | | |
| ***PERSONNEL ONSITE:*** | | | |
| **ODP** **:** Gretchen Bernasconi, Michelle Harris, Nicholas Bompard, Damon Teagle, Yohanna, Lydric, Emma, Louise, Marine **AZD :** Nehal Hasan Warsi  **LBV :** Gopi Krishnan  **GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, Mohd. Alauddin  **Others:** None | | | |
| ***REMARKS:*** | | | |
| *\* Gretchen Bernasconi and Michelle Harris leave site.* | | | |

Best Regards,

**Nehal H Warsi**

# *Site Geologist, AZD Engineering Consultancy*

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