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| **To,**  **Prof. Juerg M. Matter**  Project Director, ODP | | ***Doc. No.:*** *AZD/ODP/GT-1A/DPR-37*  ***Dated:*** *30-01-2017* | |
| **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: 30th of January 2017)**

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| --- | --- | --- | --- |
| **Rig-1 (Dynatech)** | | | |
| ***LOCATION AND TARGET:*** | | | |
| **Drill Hole ID** | **GT-1A** | **Location** | Wadi Gideah |
| **Coordinates** | UTM: E655373.7 N2532417.3 | **Elevation** | **-** |
| **Azimuth** | **-** | **Inclination** | 90º/ Vertical |
| **Drilling** | HQ Size | **Method** | Wire line-Diamond Core Drilling |
| **Target Depth** | 400 mtrs | **Geol. Target** | Gabbro-Hydrothermal Fault Zone |
| ***DRILLING:*** | | | |
| **Drilling Status** | Continued drilling with HQ drill bit from 164.7mbgl and drilled up to 199.70mbgl. | | |
| **Penetration Rate** | Variable; Between 30-60 min/core of 3 meter | | |
| **Bit Rotation** | Variable; Average 350 rpm | | |
| **Fluid Circulation** | 60%; Partial loss circulation | | |
| **Total Drill Run** | 13; 10 being of 3 meters; others being of 2.7, 0.3, and 2 meters each | | |
| **Today’s Drilling** | **35.00m *(Highest meterage in a single day so far, of the project)*** | | |
| **Cumulative Total** | **199.70m** | | |
| ***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 of Gabbro litho unit mostly greenish gray to dark gray olivine rich at places, moderately strong at places fresh to highly altered and sheared, foliated to compact gabbro; abundant presence of veins and veinlet of siliceous hydrothermal alteration products mixed with gypsum; minor sheared fault zone; highly sheared brecciated at places mixed gabbro fault zone between 188.7 to191.7 and 198-199.5 totally faulted, brecciated sheared weak zone with fault gauge presence having relict of initial altered gabbros** | | | |
| ***PERSONNEL ONSITE:*** | | | |
| **ODP :** Jude Coggon, Benoit Ildefonse, Anna Jesus, Nicholas Bompard  **AZD :** Nehal H Warsi  **LBV :** Gopi Krishnan  **GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, Mohd. Alauddin  **Others:** *Students from GUTech:* Maisa and Nidhal | | | |
| ***REMARKS:*** | | | |
| ***Another record drilling leading halfway to completion; a hectic day.*** | | | |

Best Regards,

**Nehal H Warsi**

*Site Geologist, AZD Engineering Consultancy*

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