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| **To,** **Prof. Juerg M. Matter** Project Director, ODP | ***Doc. No.:*** *AZD/ODP/GT-1A/DPR-45****Dated:*** *07-02-2017* |
| **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: 7th of February 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** | NQ Size | **Method** | Wire line-Diamond Core Drilling |
| **Target Depth**  | 400 mtrs | **Geol. Target** | Gabbro-Hydrothermal Fault Zone |
| ***DRILLING:*** |
| **Drilling Status**  | Continued drilling with NQ drill bit from 344.30mbgl and drilled up to 371.75mbgl.  |
| **Penetration Rate**  | Variable; 30-45 min/core of 3.05 meter |
| **Bit Rotation**  | Variable; Average 450 rpm |
| **Fluid Circulation**  | 60%; Partial loss circulation |
| **Total Drill Run**  | 11; 7 being of 3.05 meters and others being of 2.80,0.25,1 and 2.05m |
| **Today’s Drilling**  | **27.45m**  |
| **Cumulative Total**  | **371.75m** *(HQ=251.7m; NQ=120.05m)* |
| ***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 grayish green to green , fine to medium grain, compact to foliated, banded towards the end, moderately strong, at places highly sheared and altered but still compact cataclastics; presence of veins and veinlet of siliceous hydrothermal alteration products and abundance of epidotes bands; Presence of olivine rich intervals at places** |
| ***PERSONNEL ONSITE:*** |
| **ODP** **:** Jude Coggon, Gretchen Bernasconi, Michelle Harris, Nicholas Bompard, Julie Noel **AZD :** Nehal Hasan Warsi**LBV :** Gopi Krishnan**GSE :** Sheikh Olliullah (D); Abdul Khaliq, Mohd. Jameel, Mohd. Alauddin**Others:** *Students from GUTech:* Mariya Al Balushi, Zahra Al Lawati |
| ***REMARKS:***  |
| ***\**** Access road to location GT-3 completed; Site preparation in progress. |

Best Regards,

**Nehal H Warsi**

# *Site Geologist, AZD Engineering Consultancy*

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