

**REGISTRATION OF A MONITORING GEOSITE**

|  |  |  |
| --- | --- | --- |
|  | **Provincial Office:** | **Geohydrology** |

**Geosite Numbers:**

|  |  |  |  |
| --- | --- | --- | --- |
| NGA Identifier: |  | ZQM Number: |  |
| HYDSTRA Number: |  | Other ID Number1: |  |
| WMS MFID: |  | Other ID Number2: |  |

**Geosite Location & Reference:**

|  |  |  |  |
| --- | --- | --- | --- |
| Coordinate Reference Datum: |  | Quaternary Region: |  |
| Latitude: |  | WMA: |  |
| Longitude: |  | Monitoring Route: |  |
| Elevation (mamsl): |  | Collar Height (m): |  |

**Geosite Type:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Borehole (B): |  | | Mine (M): |  | Tunnel (T): |  |
| Drain (D): |  | | Seepage Pond (SP): |  | Well Point (W): |  |
| Dug Well (DW): |  | | Sinkhole (S): |  | Rainfall (Rf): |  |
| Lateral Collector (LC): |  | | Spring (F): |  |  |  |
|  |  | |  |  |  |  |
| Other: | |  | | | | |

**Geosite Purpose of Monitoring:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| National (Ambient) (N): |  | Regional (Impact) (R) |  | Local (Compliance) (L) |  |

**Frequency of Geosite Visits:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Monthly (M): |  | Every 2nd month (2M): |  | Quarterly (Q): |  |
| Bi-Annual (B): |  | Infrequent (I): |  |  |  |

**Measurements Taken at Geosite:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Water Level (W): |  | Rainfall (Rf): |  | Abstraction (A): |  |
| Temperature (T): |  | Electrical Conductivity (EC): |  | Yield (Y): |  |
| pH: |  | Water sample collected for Chemical Analysis (C): | | |  |
|  |  |  | | |  |
| Other: |  | | | | |

**Pumping Equipment:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Wind pump (W): |  | Turbine pump (T): |  | Mono pump (M): |  |
| Submersible pump (S): |  | Centrifugal pump (C): |  | Hand pump (H): |  |
| None (N): |  |  |  |  |  |

**Energy Source for Pumping Equipment:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ESKOM (E): |  | Solar (S): |  | Wind (W): |  |
| Fuel (F): |  | Manual (M): |  |  |  |

**Data Logger:**

|  |  |  |  |
| --- | --- | --- | --- |
| Yes (Y): |  | No (N): |  |

**Data Logger Attributes\*:**

|  |  |  |  |
| --- | --- | --- | --- |
| Data logger type: |  | Serial no: |  |

\**Refer to Instrument information spread sheets.*

**Comments / Motivation:**

|  |
| --- |
|  |

**Recommended by:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name: |  |  | Signature: |  |
| Rank: |  |  | Date: |  |

**Approved by\*:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name: |  |  | Signature: |  |
| Rank: |  |  | Date: |  |

\**Approval can only be granted by a Scientist, Control Scientific Technician or Manager responsible for the specific monitoring route.*