

TATWEER COMPANY PROFILE



Expert in the fields of:

- **Electrical Resistivity Tomography (ERT)**
- **Multi-Channel Analysis of Surface Waves (MASW)**
- **Seismic Refraction**
- **Seismic Downhole**
- **Seismic Crosshole**
- **Ground Penetrating Radar (GPR)**
- **Potential Fields Gravity & Magnetic Methods of Investigation**
- **Geographical Information System**
- **Topographical Survey**
- **Consultancy in Airborne Geophysical exploration for Environmental Studies and Groundwater Exploration.**
- **near-surface (environmental) geophysics consulting services and geotechnical engineering studies.**

Dear Valued Customer,

Tatweer for geophysical studies and consulting (TGSC) is based in Abu Dhabi and fully supported by Khalifa Fund for Enterprise Development. TGSC was established in May 2013 as an engineering geophysical organization to provide the complete engineering services including Electrical Resistivity Tomography (ERT), Gravity, Magnetic, Electro Magnetic (EM), Ground Penetration Radar (GPR), Multichannel Analysis of Surface Wave (MASW), Seismic Refraction, Seismic Downhole, Seismic Cross-hole, land Topographic Surveying, Geographic information System (GIS), in addition, quality control of projects and subsurface special case studies.

TGSC, recently in 2017 provided range of near-surface geotechnical engineering studies.

TGSC is heavily engaged in the on-site geophysical, geotechnical and land survey services like consultant/contractor throughout UAE, Oman, Qatar, and Pakistan. We have specialist's employees in engineering geophysics, geotechnical, Geographic information System (GIS) and land surveyors. We have a great deal of experience in dealing with complex construction-related issues that occur commonly on sites. TGSC has carried many projects with the expertise and new technology to meet the client's needs. For more information about our company's services, herewith attached is our company profile for your consideration and perusal.

For and on behalf of Tatweer for Geophysical Studies and Consulting

General Manager.



Eng. Mohammed Mahmoud Al Marzouqi

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COMPANY INTRODUCTION

COMPANY INTRODUCTION:

Tatweer for geophysical studies and consulting (TGSC) embraces the vision of becoming the leader in geophysical and geotechnical activities in its markets of operation. Our mission is to provide reliable, timely, accurate, cost effective and quality specialized geophysical and geological engineering services that meet customer's expectations. (TGSC) company based in Abu Dhabi city and fully supported by Khalifa Fund Enterprise development and will provide specialized geophysical, geological engineering services and consulting including the quality control of projects and supervising special studies.

TGSC providing the following technical services throughout the UAE and Gulf Cooperation Council GCC states:

- Electrical Resistivity Tomography (ERT)
- Seismic Shear Wave Velocity Tests utilizing Multi Analysis Surface Waves (MASW)
- Seismic Refraction
- Seismic Downhole Testing
- Seismic Crosshole Testing
- Ground Penetration Radar (GPR) for subsurface Scanning
- Gravity & Magnetic Surveying
- Studies and groundwater exploration
- Geographic information System(GIS)
- Topographic Surveying
- Consultancy in Airborne Geophysical Magnetic, Electromagnetic, Radiometric Survey for Environmental
- Soil Testing(geotechnical engineering services)

GEOPHYSICAL SERVICES

GEOPHYSICAL SERVICES:

TGSC providing the following Geophysical services throughout the UAE and Gulf Cooperation Council GCC states:

- Electrical Resistivity Tomography (ERT)
- Seismic Shear Wave Velocity Tests utilizing Multi Analysis Surface Waves (MASW)
- Seismic Refraction
- Seismic Downhole Testing
- Seismic Crosshole Testing
- Ground Penetration Radar (GPR) for subsurface Scanning
- Gravity & Magnetic Surveying
- Geographic information System(GIS)

ELECTRICAL RESISTIVITY TOMOGRAPHY (ERT) AND IMAGING

Resistivity geophysical surveys measure variations in the electrical resistivity of the ground, the idea of ERT technique is to pass a current of known voltage into the subsurface to be imaged through two current electrodes, and then using a second pair of potential electrodes, measure the potential drop induced by the differential response of earth materials to the penetrating current. The survey data will be processed to produce graphic depth sections of the thickness and resistivity of subsurface electrical layers. The resistivity sections are correlated with ground interfaces such as soil and fill layers or soil-bedrock interfaces, to provide engineers with detailed information on subsurface ground conditions.

Applications:

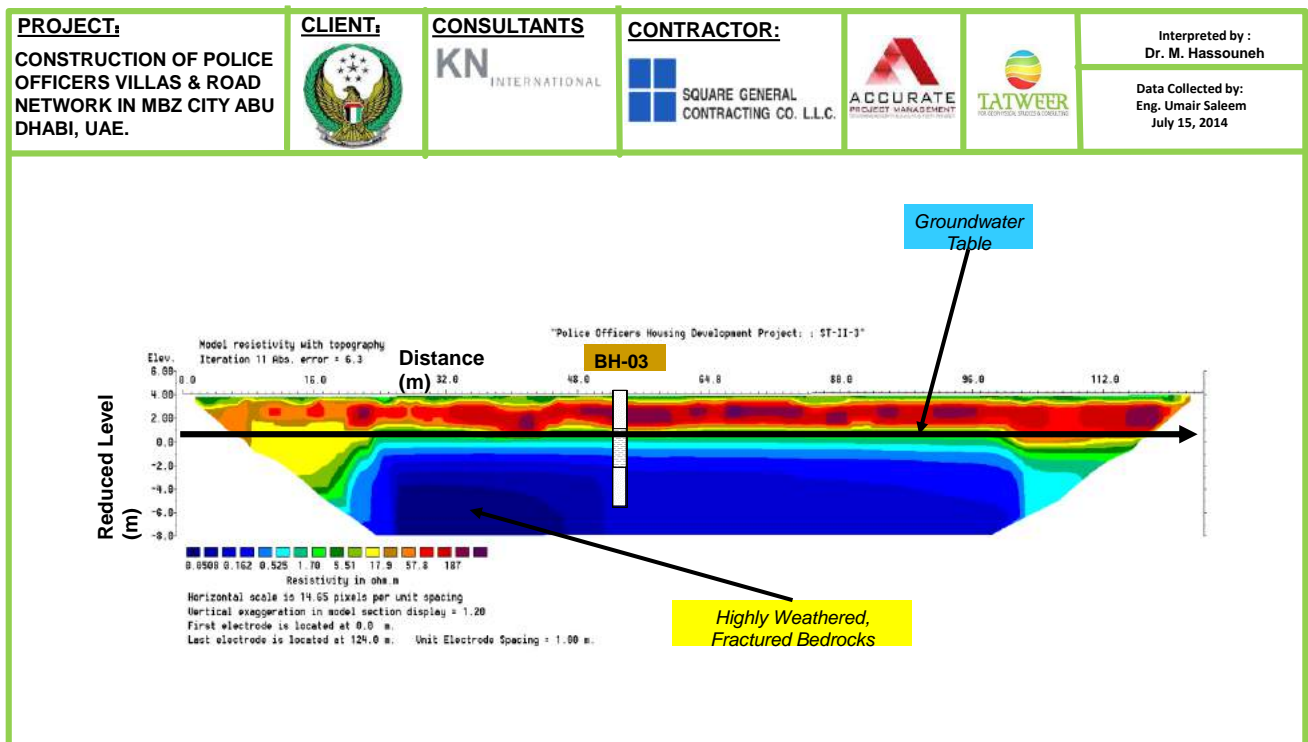
Measures bedrock & water table depth

- Detects solution features, cavities & voids
- Locates buried alluvial channels
- Profiling landslip geometry
- Identifies weathered/fractured bedrock
- Maps leachate contamination
- Defines saline groundwater incursions
- Finds abandoned mineshafts & workings

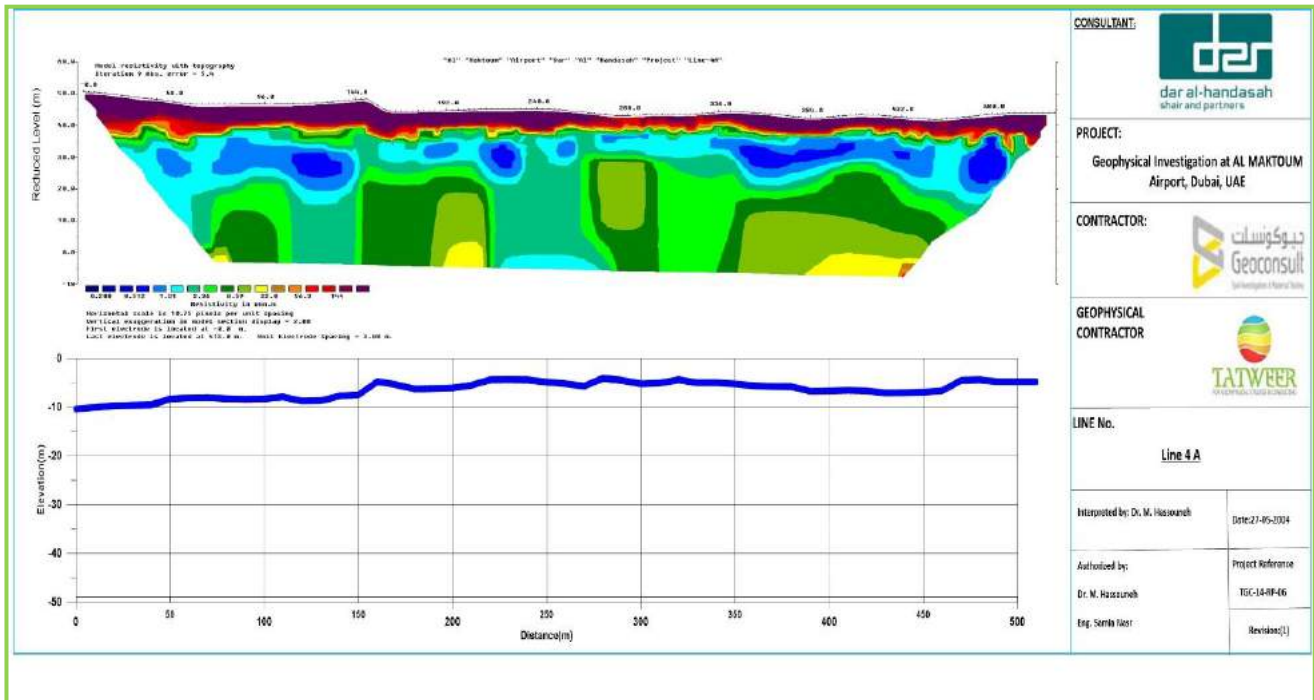


Examples:

- 2D Electrical Resistivity Inverted Section surveyed at Construction & Maintenance of Officer Villas Abu Dhabi/ Mussafah, UAE, July-2014.

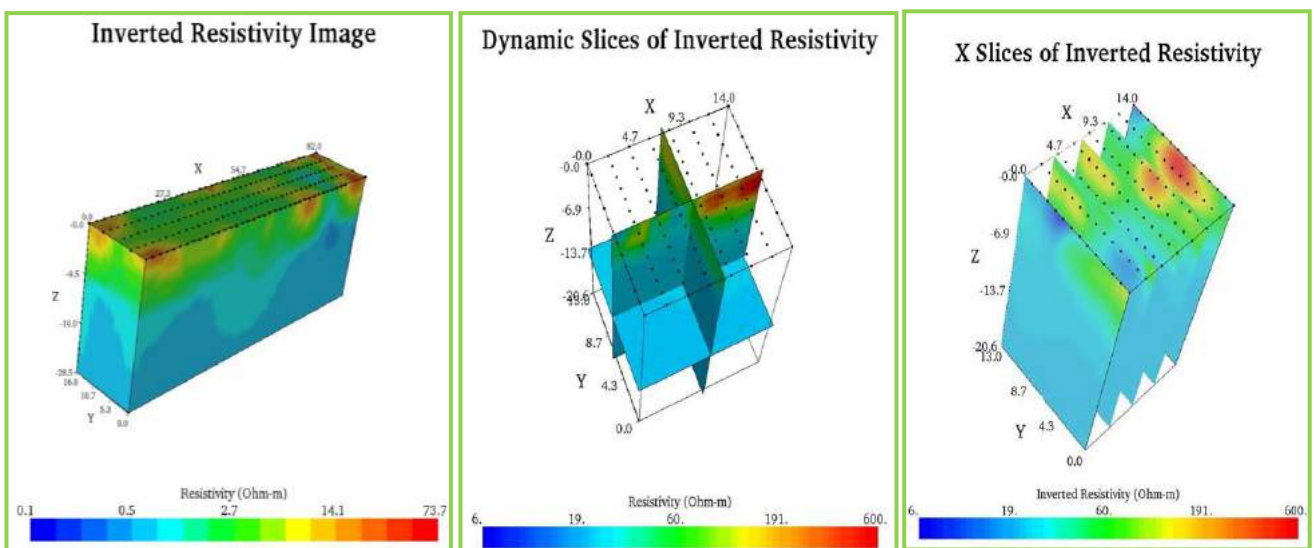


- 2D Electrical Resistivity Inverted Section surveyed at Al Maktoum Airport-Dubai, UAE, in May 2014.



- 3D Electrical Resistivity Inverted Sections Surveyed at Plot No. 18-06-137-199 in Hai Qesaidah, Al Ain, for Her Highness Sheika Salama Bint Zayed Al Nahyan – June 2015.

The final report includes subsurface apparent resistivity values from profile stations. Results may be plotted as profile lines or contour maps (Isopleths resistivity map), or in other presentations according to the clients' needs.



SEISMIC SHEAR WAVE VELOCITY MEASUREMENTS UTILIZING MULTI ANALYSIS SURFACE WAVES (MASW)

MASW is a seismic method that uses the dispersive nature of surface waves to map the values of shear wave velocities (V_s) in the subsurface. Shear wave velocity is a function of the elastic properties of the soil and rock and is directly related to the hardness (N-values) and stiffness of the materials. In particular, MASW is used in geotechnical for the measurement of shear-wave velocity and dynamic properties, identification of subsurface material boundaries and spatial variations of shear-wave velocity for site classification.

Applications:

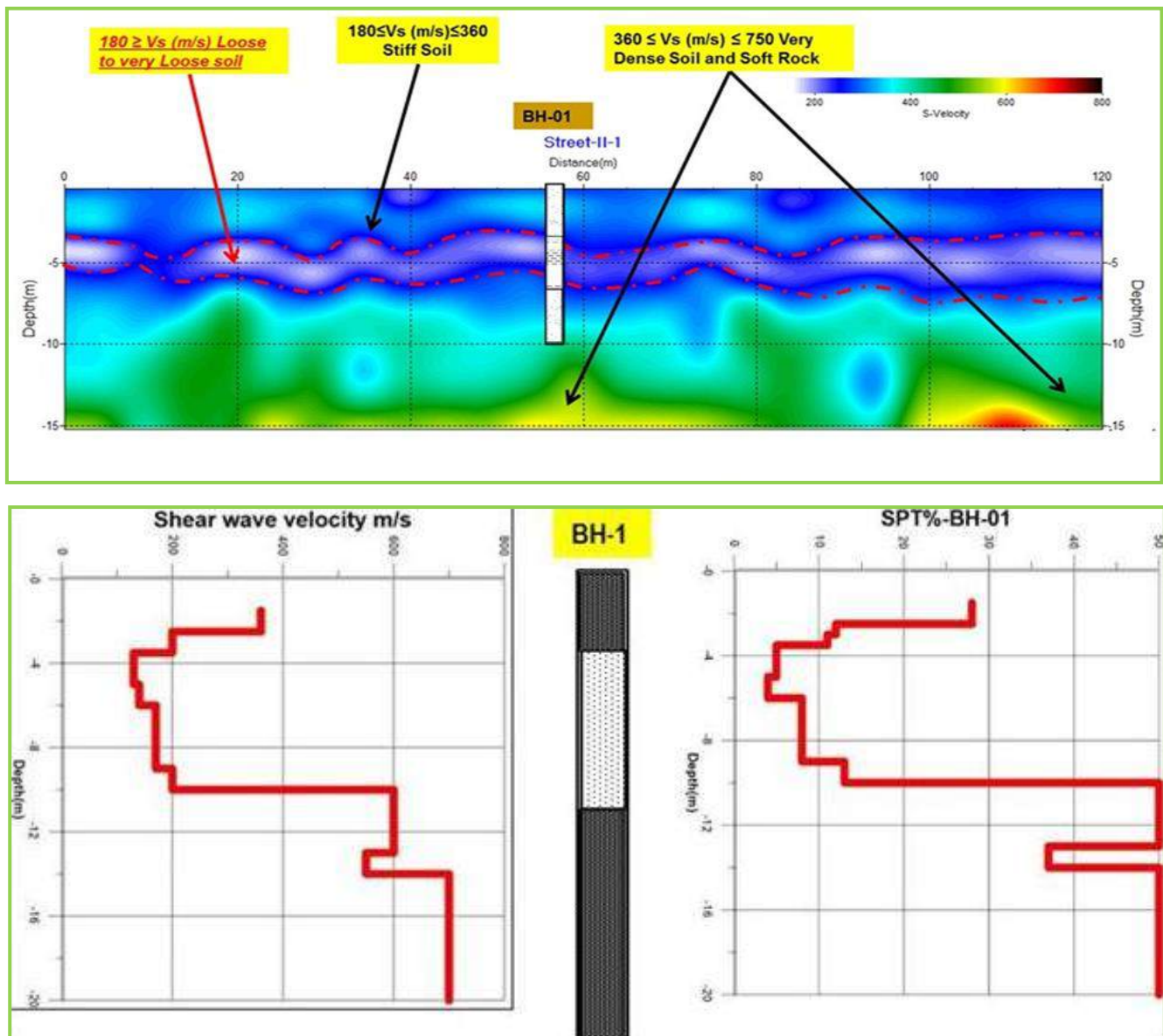
- Used to map soil and sediment thickness and elevation of subsurface interfaces, such as top of bedrock and stiffness.
- Used to determine shear wave velocity or density of subsurface material, and the presence and location of voids and karst features.
- Site Classification.



Examples:

- Shear wave velocity (V_s) map obtained from active MASW profile carried out along road 1- Secure-Officer Villas project, showing unique signatures of extremely low shear wave velocity values along the road at approximate depths between 2.5m and 5.2 m. Very strong near-surface shear-wave velocity contrasts related to very loose fill materials and highly fractured bedrocks.

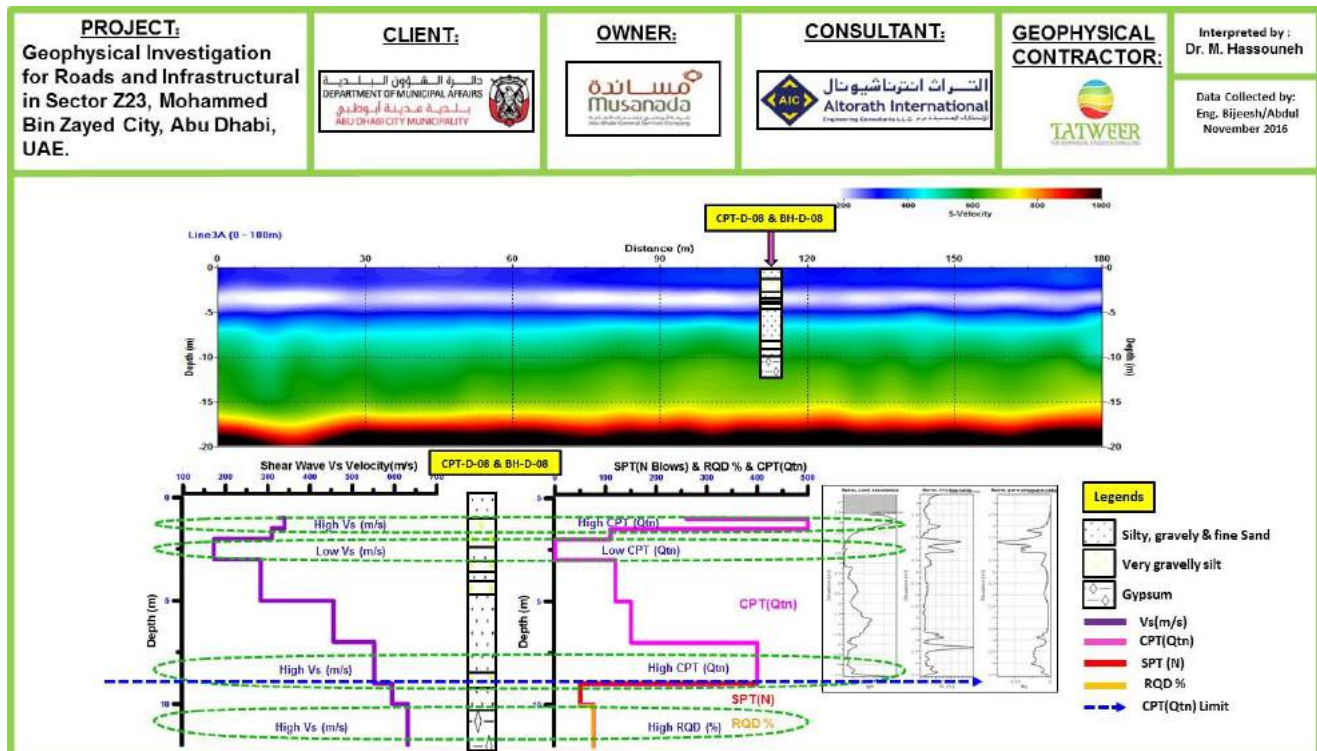
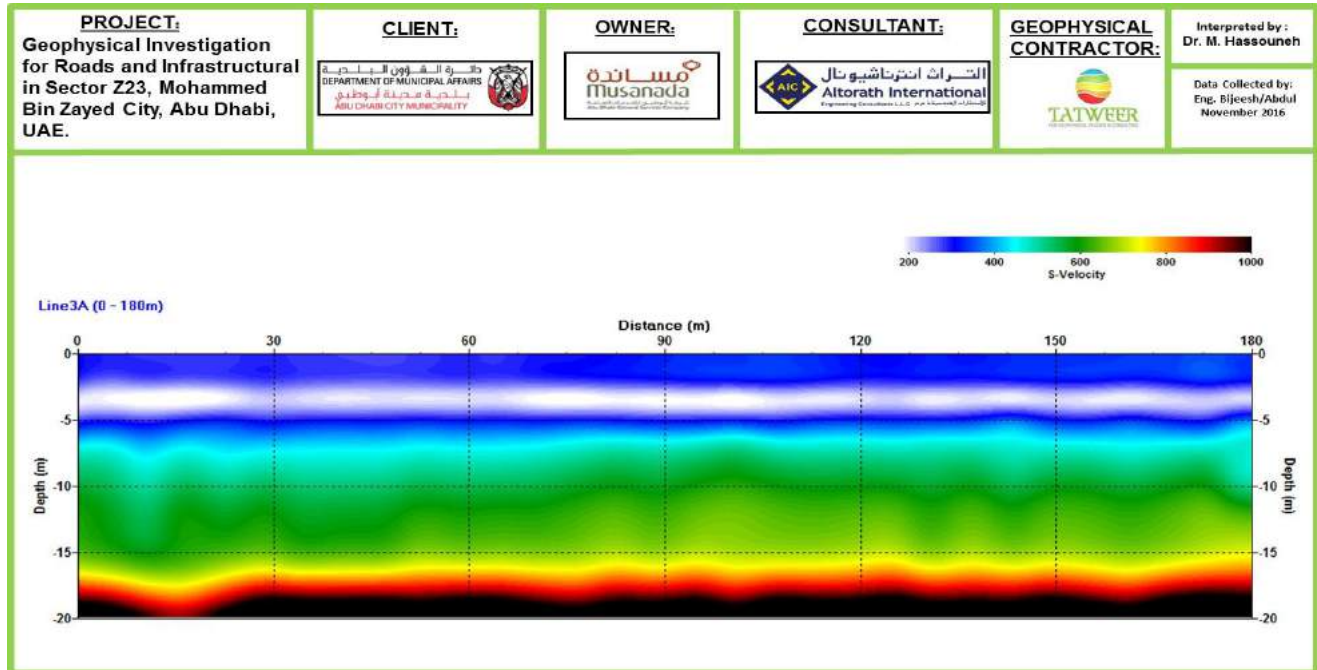
The boring log indicated very loose sand at a depth between 3m and 8m with SPT results between 5% and 8% which is corresponding to S-wave velocity value of less than 150 m/s. It is very high risky loose layer for future roads construction.



- Shear wave velocity (V_s) map obtained from active MASW profile carried out along road in MBZ Abu Dhabi showing unique signatures of extremely low shear wave velocity values along the road at approximate

depths between 3.0m and 5.0 m. Very strong near-surface shear-wave velocity contrasts related to loose fill materials and highly fractured bedrocks.

The boring log indicated silt materials between 3m and 5m bgs with very low CPT results which is corresponding to S-wave velocity value of less than 180 m/s. Note that significant drop of the CPT/SPT values was recorded at the same horizon of extremely low shear wave velocity values.



- **Site Classification (VS30):**

Shear-wave velocity (VS) has long been known to be an essential parameter for evaluating the dynamic properties of soils. The average shear-wave velocity in the top 30 m, based on travel time from the surface to a depth of 30 m, is known as VS30. VS30 is used in the Uniform Building Code 1997 (UBC) and in International Building Code IBC 2009 to separate sites into different classes. The classifications are then used to determine the seismic coefficients for earthquake-resistant design.

Traditionally, VS₃₀ is determined by seismic measurements in boreholes, using the downhole, cross-hole, or suspension logging methods. New techniques based on the inversion of surface-wave dispersion data offer the advantage of not requiring boreholes.

Soil Profile Type According to ADIBC 2013 (Abu Dhabi International Building Code) and IBC 2009 (International Building Code) standards.

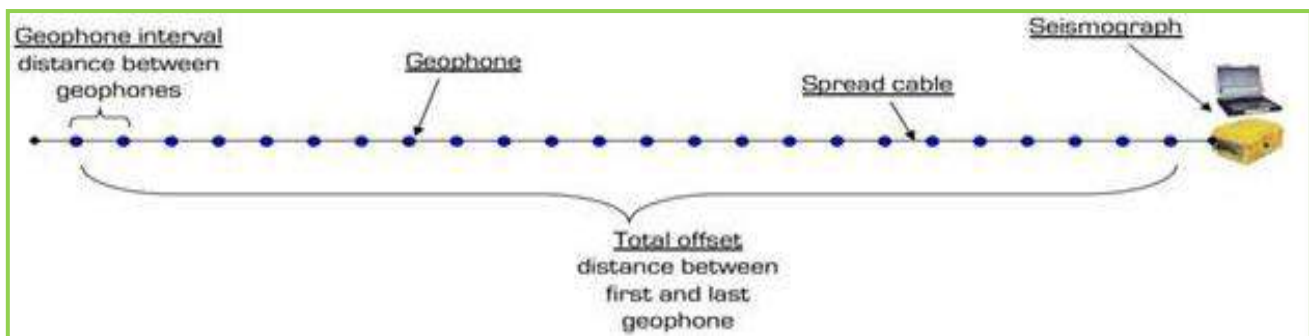
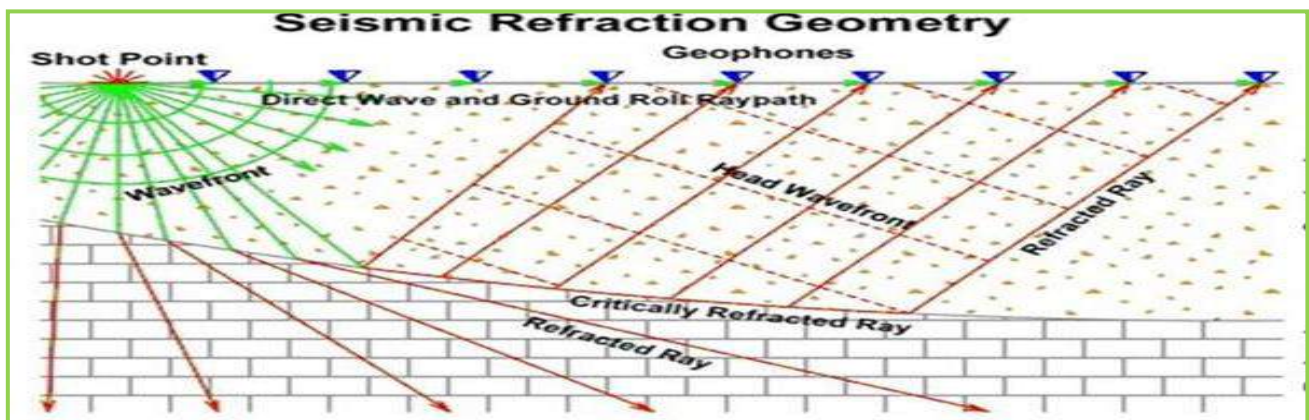
Site Class	Soil Profile Name	AVERAGE PROPERTIES IN TOP 100 feet /30 m			
		Soil Shear Wave Velocity-VS		Standard penetration resistance, <i>N</i>	Soil undrained shear strength, <i>S_u</i> m, (psf)
		(ft/s)	m/s		
A	Hard rock	VS >5,000	VS >1,500	N/A	N/A
B	Rock	2,500 < VS ≤ 5,000	750 < VS ≤ 1,500	N/A	N/A
C	Very dense soil and soft rock	1,200 < VS ≤ 2,500	360 < VS ≤ 750	N >50	<i>S_u</i> ≥2,000
D	Stiff soil profile	600 ≤ VS ≤ 1,200	180 ≤ VS ≤ 360	15 ≤ N ≤ 50	1,000 ≤ <i>S_u</i> ≤ 2,000
E	Soft soil profile	VS ≤ 600	VS ≤ 180	N < 15	<i>S_u</i> < 50

SEISMIC REFRACTION

Seismic refraction is a valuable tool for mapping bedrock and fractures. It is usually more cost-effective and gives better coverage than drilling alone. The seismic refraction method utilizes sound waves. Sound travels at different velocities through different materials and is refracted at layer interfaces. A seismic wave is usually generated using a sledge hammer, a specially designed seismic gun that employs a blank shotgun shell, or a seismic weight drop tool. The wave's travel time from the sound source to refracting layers, along those layers and back to detectors (called geophones) is precisely measured. From the time-distance relationships, subsurface layer velocities and thicknesses can be calculated. Fracture zones can often be detected because they usually have a lower seismic velocity than solid bedrock. The velocity of sound through water saturated material is about 1524 m per second while the velocity through crystalline bedrock generally ranges from 3660 to

5500 m per second. By calculating the velocity of sound along the bedrock surface, low velocity zones, which may represent fractures, can be delineated.

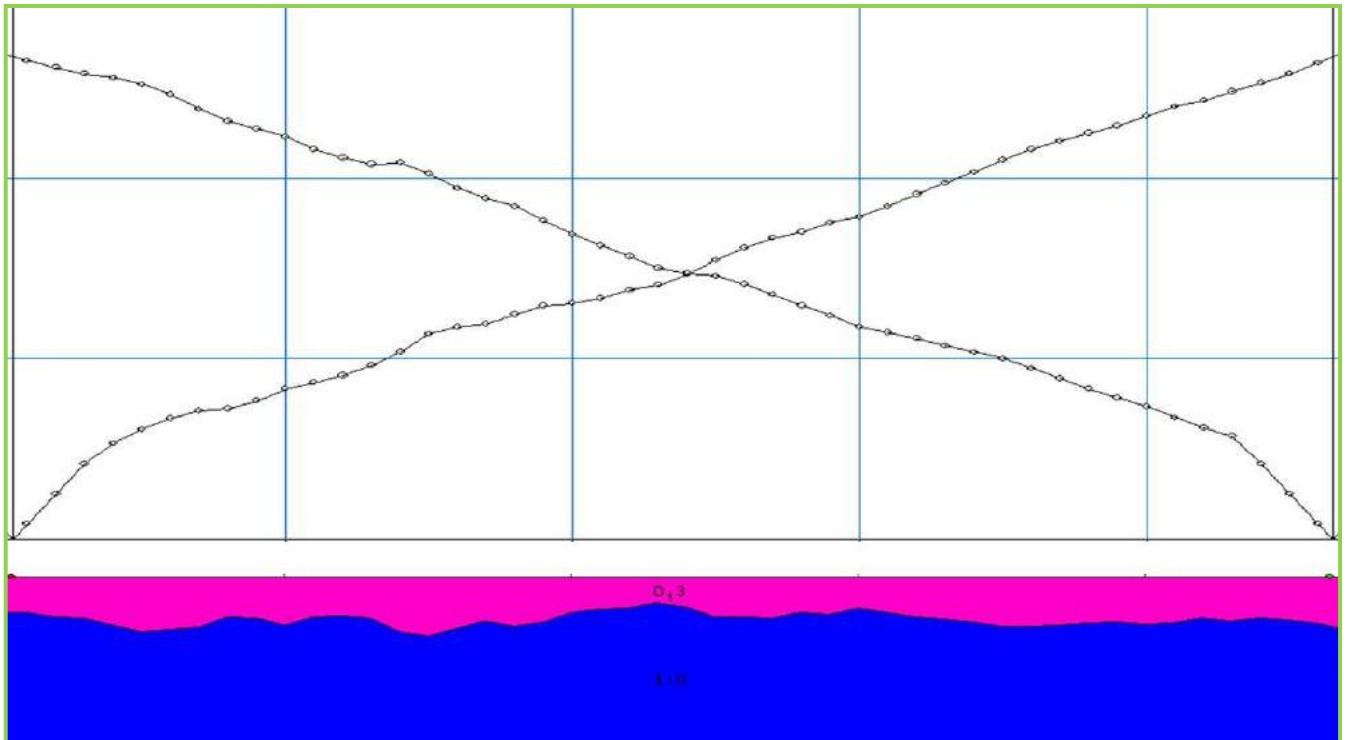
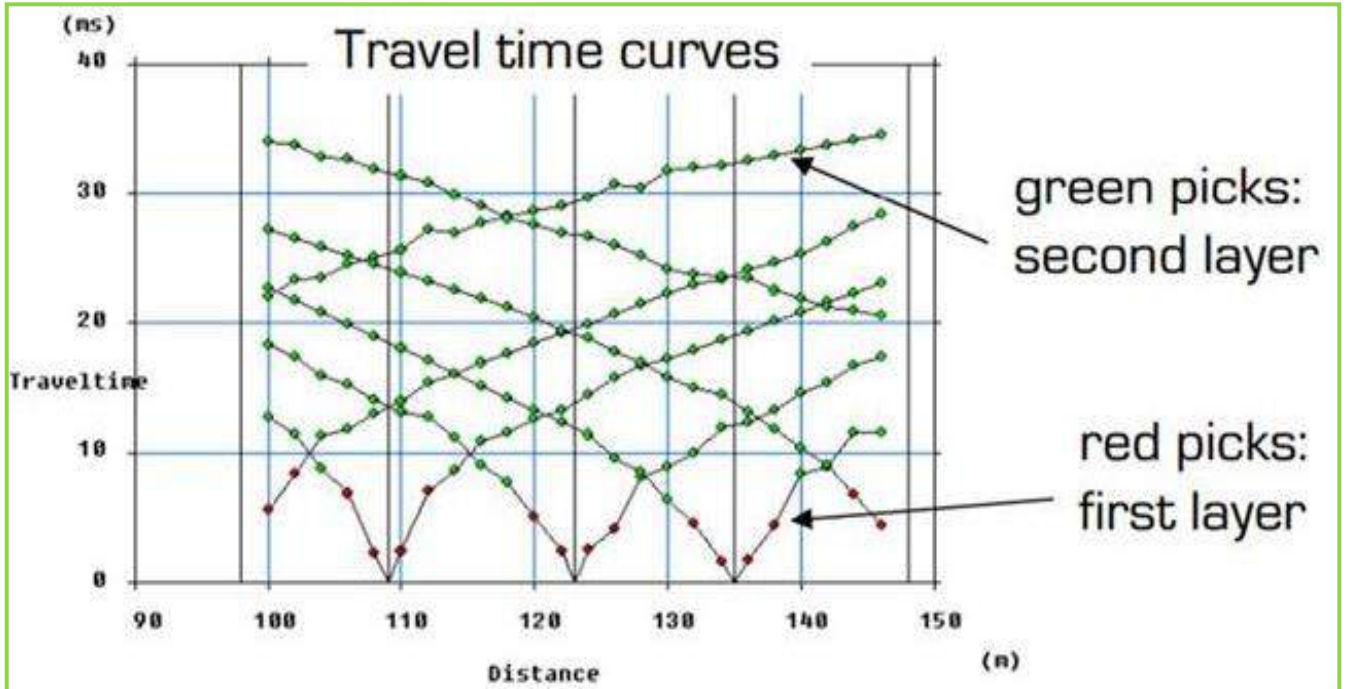
Our system utilizes up to 24 geophones at one time. The geophones can be linearly spaced any distance apart, but most often are spaced 10 to 50 feet apart. In general the greater the expected bedrock depth, the greater the geophone spacing. Shorter spacing and sometimes radial patterns are used in fracture zone detection studies. Final results are provided to the client in a full report which includes tables of subsurface depths and elevations, and cross-section profiles. Results are also available as bedrock contour maps and on computer disks.



Applications:

- Measures Bedrock Depth & Overburden Thickness
- Fractures zones in bedrock
- Bedrock contour mapping
- Determines Rippability Parameters
- Locates Geological Structures
- Defines Ancient Landfill Sites
- Depth to water table

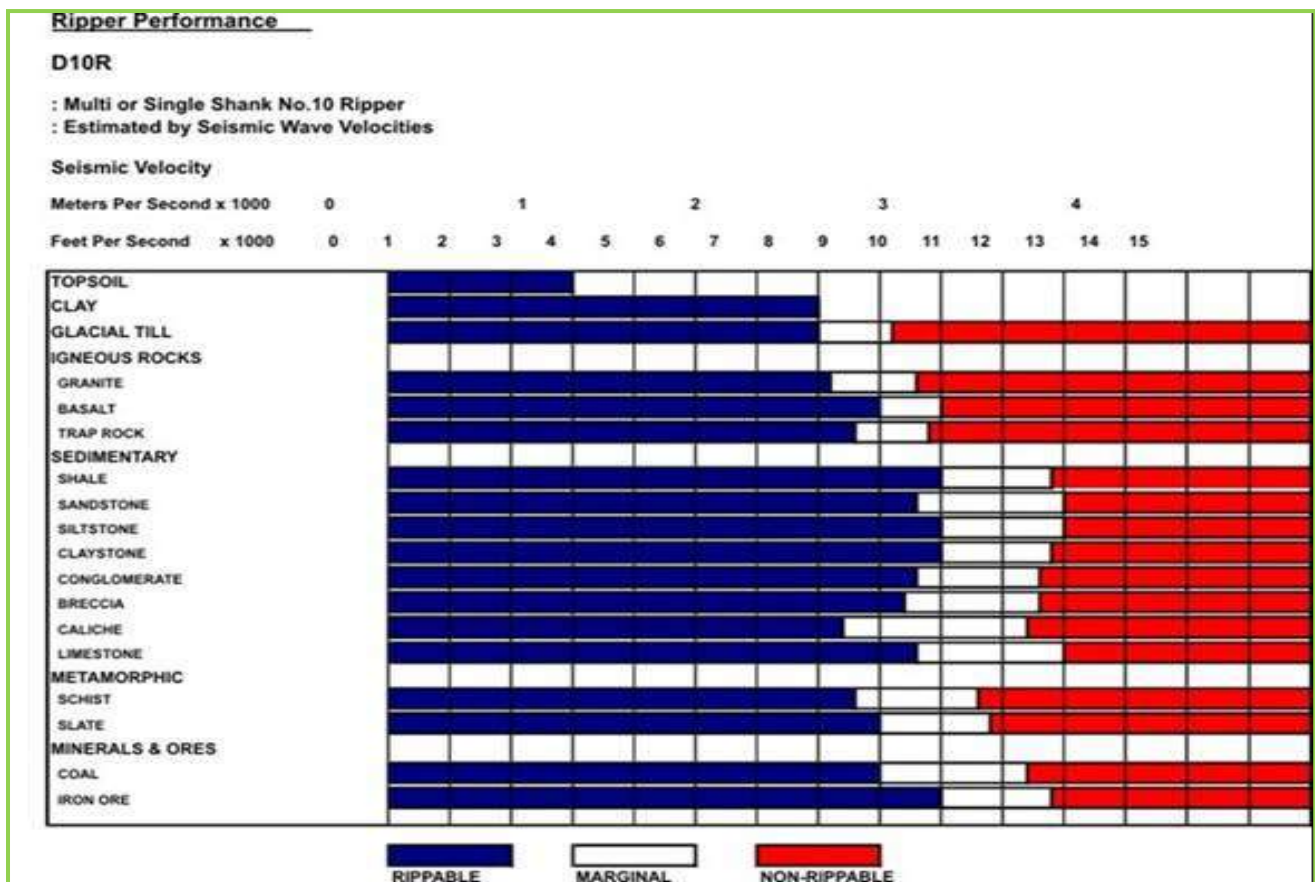
Examples: Refraction method using multi-channel geophone array, the signal returns to the surface by refraction at subsurface interface.



Bedrock surface utilize the Seismic Refraction method of investigation. Low velocity layer is correlates with unconsolidated materials and high velocity layer correlates very well with very hard bedrock

Seismic Refraction and Assessment of Rock Quality:

Seismic refraction most commonly employed where velocities increase suddenly with depth, e.g. determining depth to bedrock. From the estimated layer velocities estimates of rock strength and excavation difficulty can be made. Rippability is ease with which ground can be excavated with a mechanical digger, varies with tractor size and power. In 1958, the Caterpillar Tractor Company began using seismic velocities from refraction experiments to estimate rippability. Rippability for various common rocks as shown in the figures below.

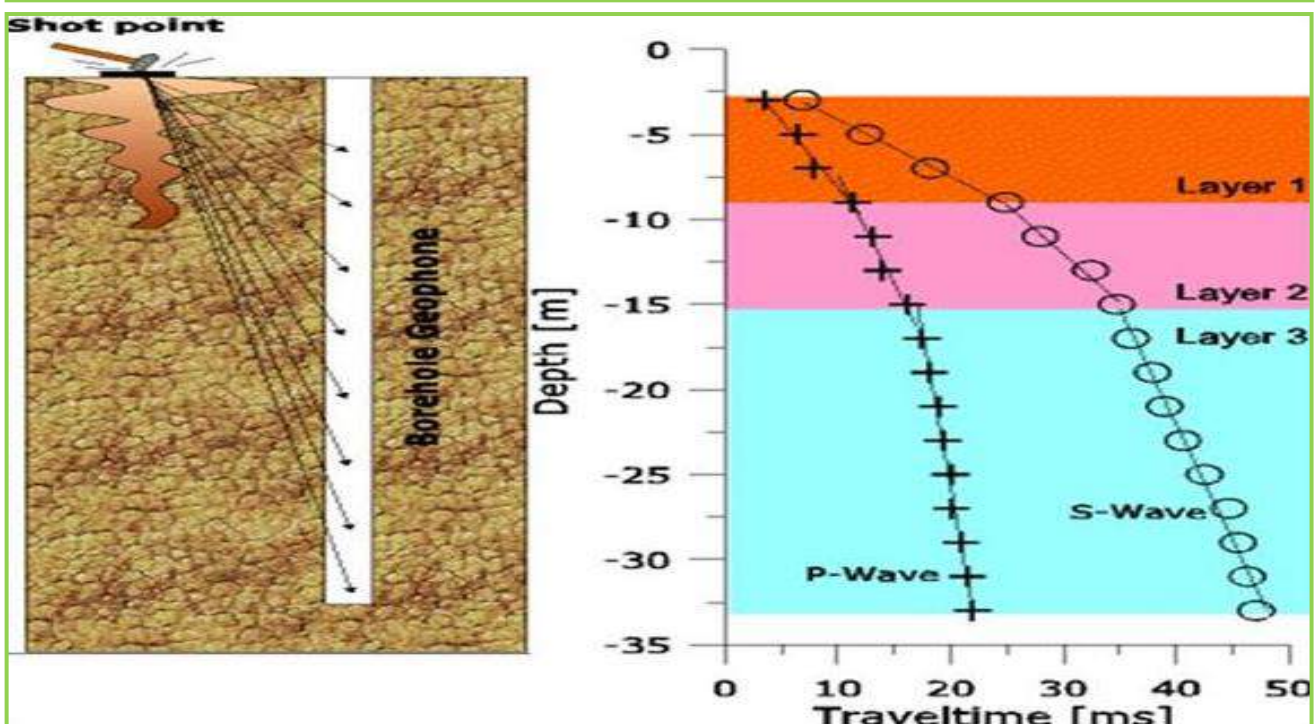


Rippability is Ease with which Ground can be excavated with a Mechanical Digger, Varies with Tractor Size and Power.

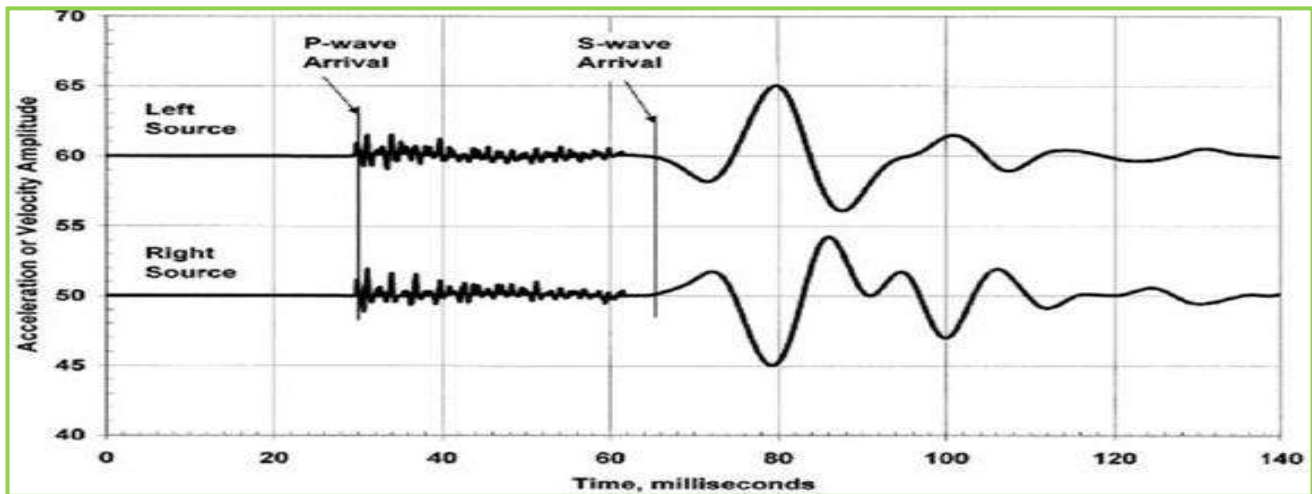
SEISMIC DOWNHOLE TESTING

The seismic Downhole method provides a designer with information pertinent to the seismic wave velocities of the materials). The P-wave and S-wave velocities are directly related to the important geotechnical elastic constants of Poisson's ratio, shear modulus, bulk modulus, and Young's modulus. Accurate in-situ P-wave and S-wave velocity profiles are essential in geotechnical foundation designs. These parameters are used in both analyses of soil behaviour under both static and dynamic loads where the elastic constants are input variables into the models defining the different states of deformations such as elastic, elastic-plastic, and failure. Another

important use of estimated shear wave velocities in geotechnical design is in the liquefaction assessment of soils. The Downhole Test is a method which determines soil stiffness properties by analysing direct compressional and shear waves along a borehole down to about 30 m. The aim of the downhole testing is to derive elastic rock properties such as Poisson's ratio or Young's modulus. Shear waves have to be generated at surface. A shear wave source (sledge hammer hit sideways) is used at surface and a coupled receiver system is moved in the borehole. Travel times of the seismic waves are analysed and seismic velocity is calculated. Shear wave velocity can be transformed to soil stiffness. The measurements can be performed below and above the groundwater table. A grouted casing (e.g. PVC) with a diameter between 3 and 3.45 inch needs to be prepared.



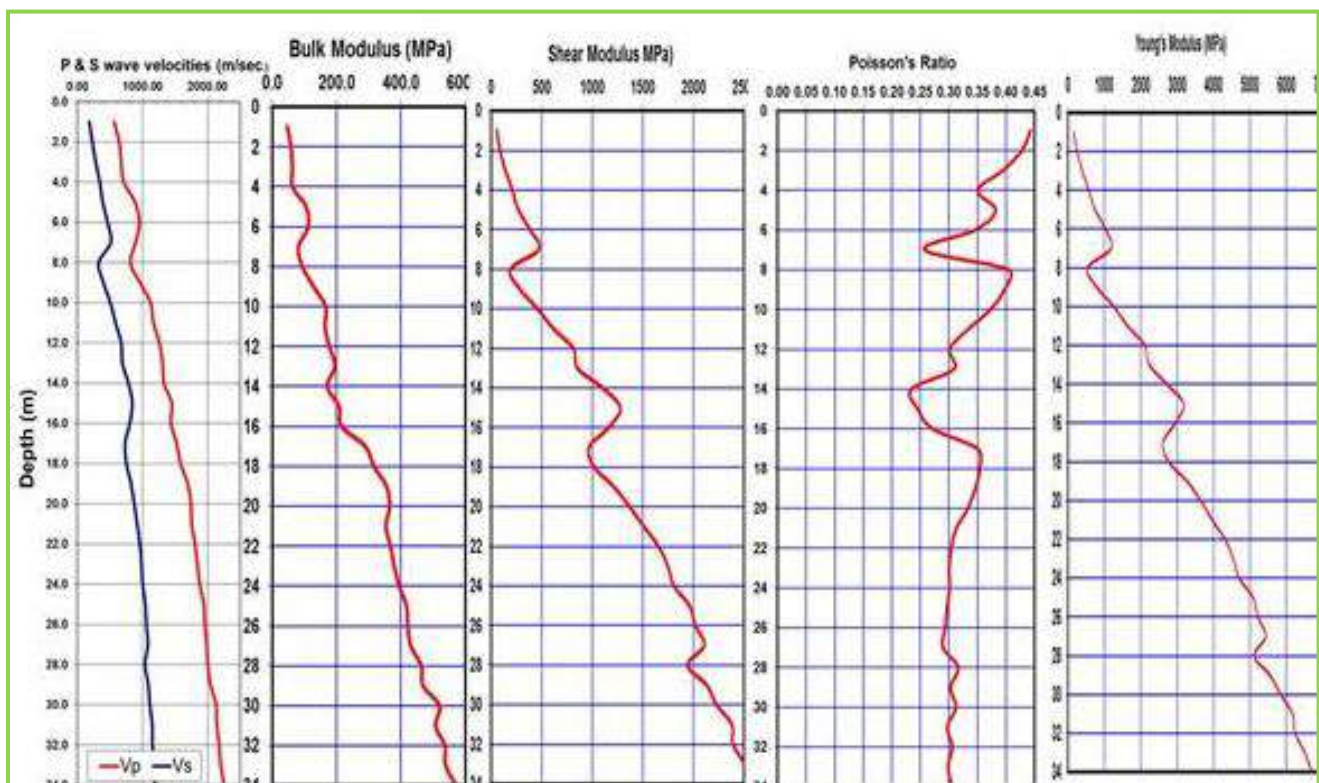
Impulse Seismic Source (Produces P- and S-Wave Trains)



The Downhole test requires a surface source capable to generate S- and P-waves and a borehole receiver with a multi-directional sensor array. S- and P-wave velocities are measured and the dynamic soil parameters (shear and Young's modulus) are calculated, sledge hammer (equipped with a trigger element) and a wooden beam can serve as source if the survey depth is limited.

Examples:

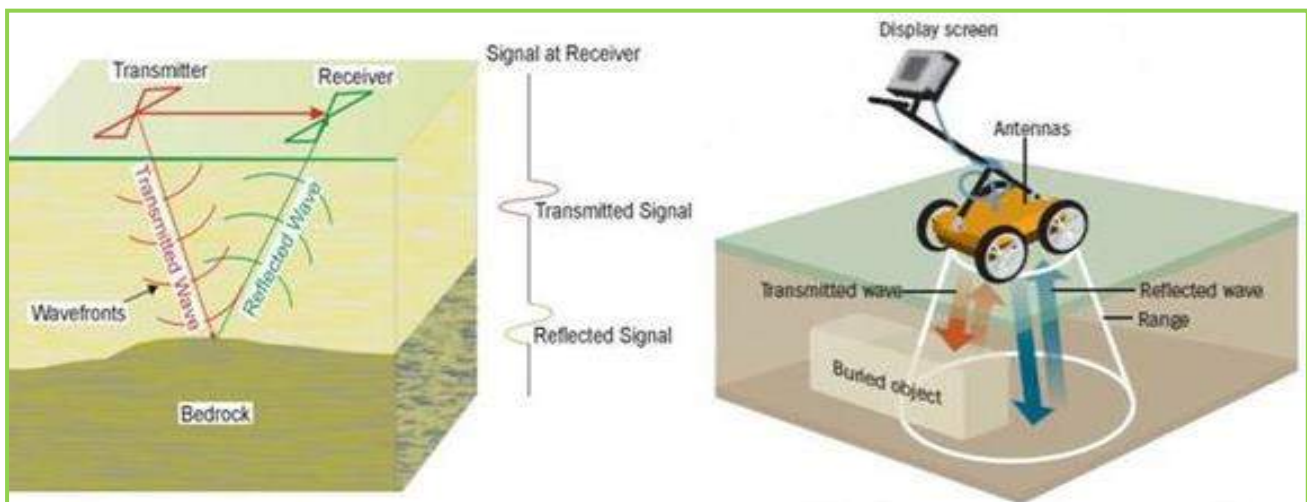
Downhole test conducted in Duabi, below figure showing P-wave and S-wave velocities, elastic constants of Poisson's ratio, shear modulus, bulk modulus, and Young's modulus graph plot using in building basement structural plan.



GROUND PENETRATING RADAR (GPR)

Ground probing radar also known as ground penetration radar (GPR) is a high resolution, field-portable geophysical method that produces graphic sections of subsurface structure. Typical site investigation applications include the accurate location of voids and buried obstructions; mapping subsurface soil and rock interfaces and defining buried archaeological structures. Ground probing radar can also identify ancient landfill sites and detect buried hazardous waste. Ground radar surveys are non-destructive and non-intrusive, revealing detailed information on subsurface ground conditions and can be used for the targeting of expensive drilling operations. On sensitive sites where intrusive investigations are not permissible, a ground radar survey will provide valuable information about the site. Survey results are presented in an easy to understand engineering compatible CAD format.

General GPR field survey procedures

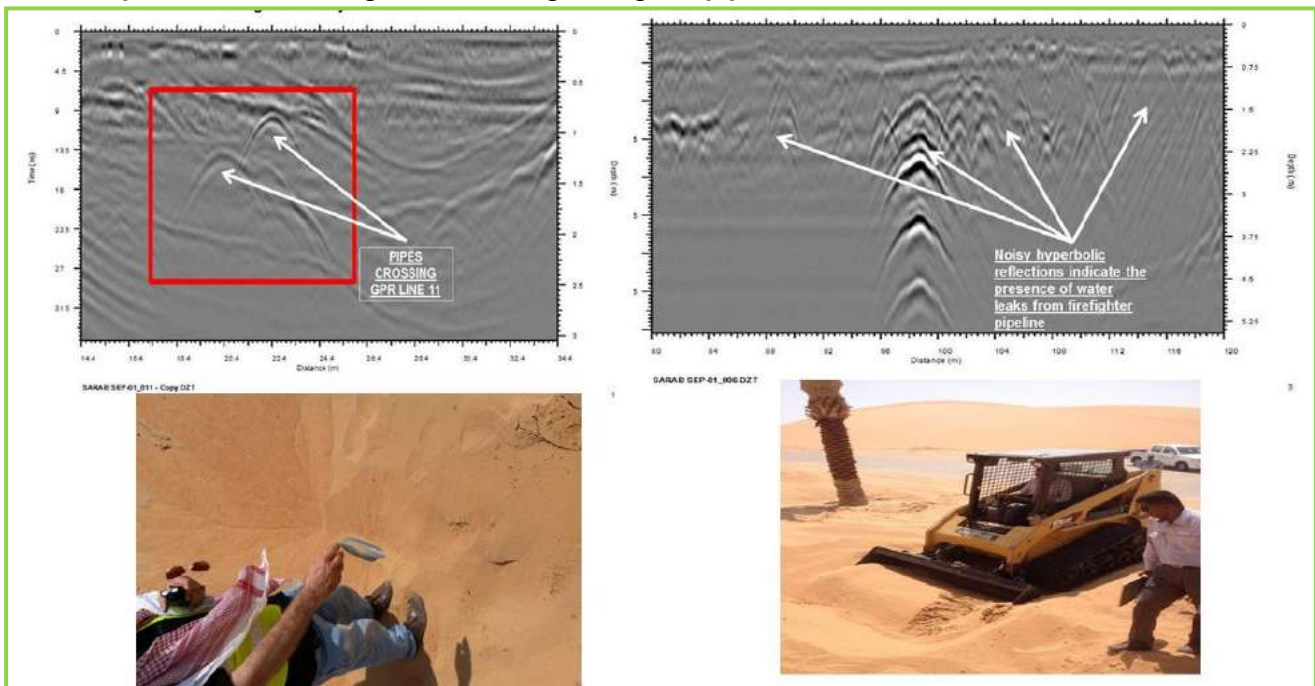


Exploration depth can be limited by soil or water with high conductivity. Detectability depends upon a dielectric contrast between the subsurface feature and the surrounding material.

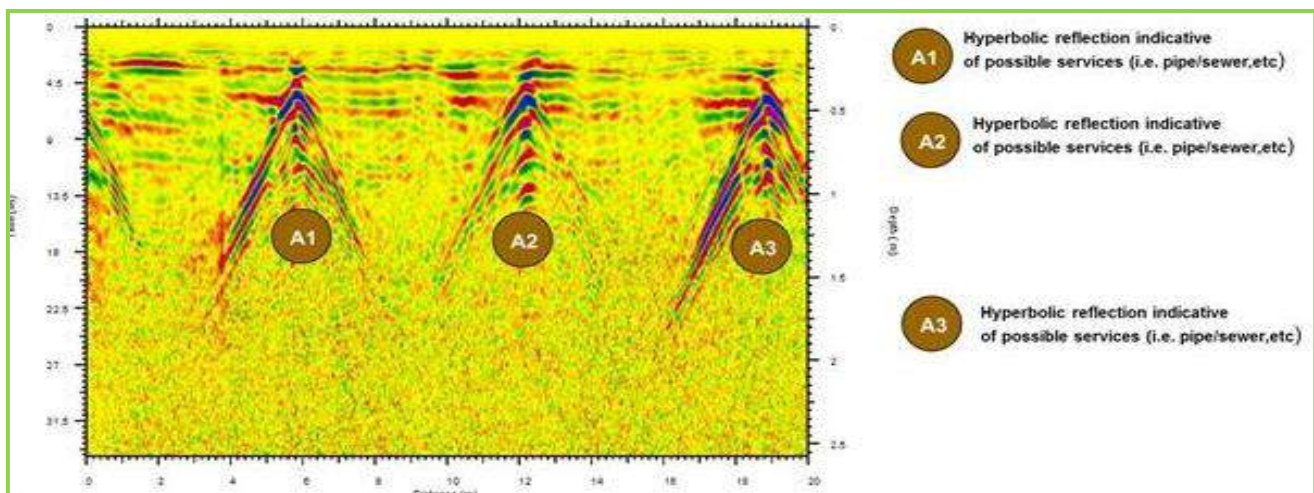
Applications

- Detects buried voids & cavities, archaeology, unmarked graves
- Determines depth of bedrock and overburden thickness
- Finds buried underground storage tanks (USTs) and drums
- Locates buried foundations and other obstructions
- Maps boundaries of closed landfills
- Tracks non-metallic sewer lines
- Defines position of pits, ditches and graves

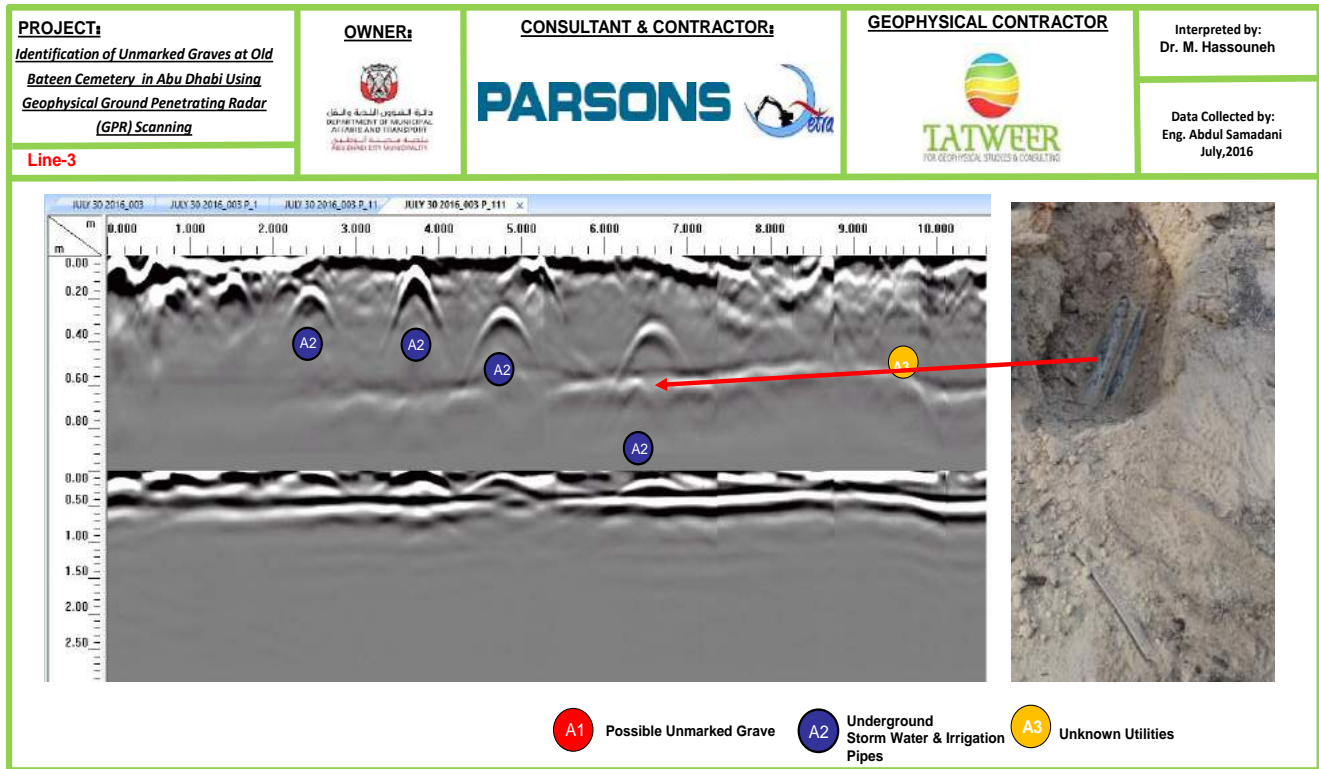
Example of GPR scanning over a leaking fire fighter pipe line in Qasr Al Sarab-2013



Example of processed GPR profile over underground Sewerages Pipes in Meydan Dubai

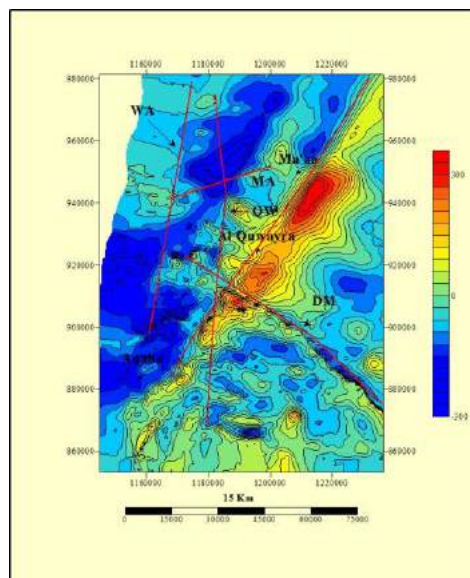


Example of processed GPR profile at small portion of Old Bateen Cemetery-Abu Dhabi-July-2016.



GRAVITY AND MAGNETIC SURVEYS

Magnetic geophysical surveys measure small, localized variations in the Earth's magnetic field. The magnetic property of naturally occurring materials such as magnetic ore bodies and basic igneous rocks allows them to be identified and mapped by magnetic surveys. Strong local magnetic fields or anomalies are also produced by buried steel objects. Magnetometer surveys find unmarked graves, archaeology underground storage tanks, drums, piles and reinforced concrete foundations by detecting the magnetic anomalies they produce.



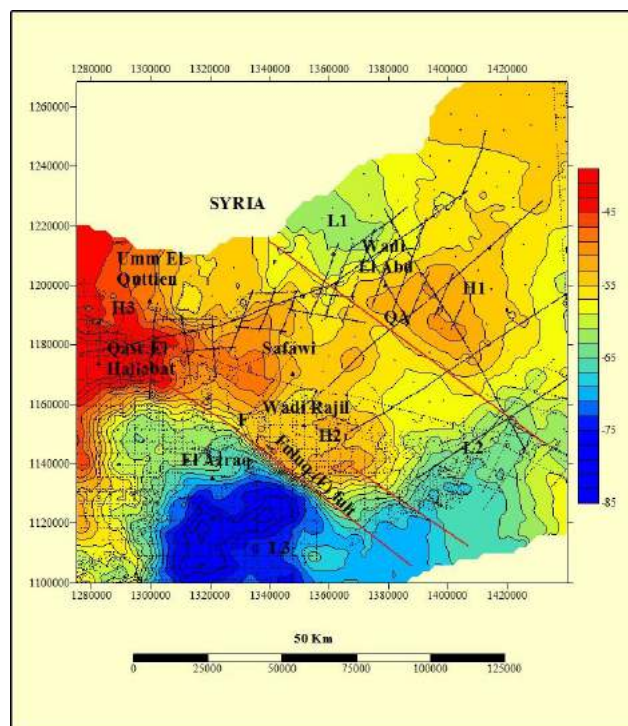
Total field aeromagnetic anomaly map of the southern part of Jordan shows 4 major fault zones: Disi-Mudawara (DM), Quwaira (QW), Ma'an (MA) and Wadi Araba (WA); Contour Interval = 30 nT.

Applications:

- Finding buried steel tanks and waste drums
- Detecting iron and steel obstructions
- Locating unmarked mineshafts
- Accurately mapping archaeological features and unmarked graves
- Mapping basic igneous intrusive & faults
- Evaluating the size and shape of ore bodies

GRAVITY SURVEYS

Gravity surveys can provide useful information where other methods do not work. For example, gravity may be used to map bedrock topography under a landfill, where seismic refraction is limited. Gravity can also be used to map lateral lithological changes, and faults. Gravity is the attraction between masses. The strength of this force is a result of the mass and distance separating the objects. Gravity surveys are relatively slow and expensive. Detectability varies with target size, depth and density contrast. Interpretation of data often requires control data from drilling, outcrops, or other sources. Detailed surface topographic survey data is also required.



Gravity Anomaly Map for Al Azraq Area-Jordan done by Tatweer Technical Manager in 1996

A gravimeter is used to measure the earth's gravitational attraction at various points over the area of interest. Gravity anomalies are due to differences in density of underlying materials. Gravity anomalies are extremely small relative to the total field and are usually measured in micro-Gals (one micro-Gal is about 1 billionth of the earth's total gravitational field). The equipment used in a gravity survey is extremely delicate and precise. Data interpretation is time consuming even with the use of sophisticated computer programs.

Applications:

- Bedrock topography under landfills
- Mapping large metallic mineral deposits
- Locating subsurface caverns
- Locating contacts between geologic units of differing mass and density

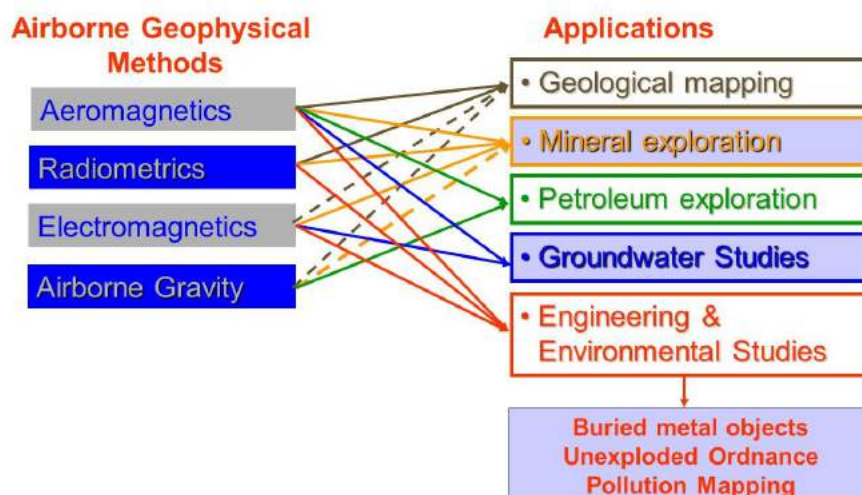
Results are presented in a full report which includes profiles or a contour map and gravity data tables.

GROUND WATER EXPLORATION

Basic Questions

1. **Groundwater is found by drilling**
But how do you know where to drill?
2. **Drilling can be very expensive**
Is sufficient care taken in positioning boreholes?
3. **If the survey area is large**
How do you find the best aquifers?

Airborne Geophysics can help to solve these problems



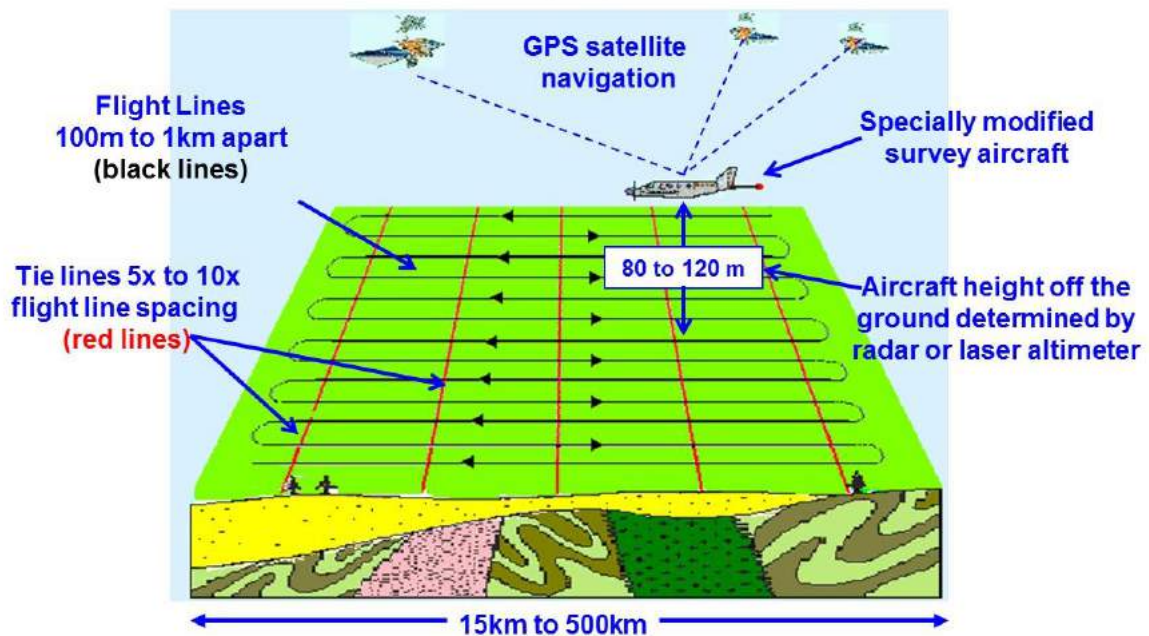
Traditional Methods of Siting Boreholes

- Siting by the driller
- Water divining
- Siting by a hydrogeologist or water engineer, having studied the local geology, geomorphology and satellite imagery
- Ground geophysical surveys;

usually some form of electrical or electromagnetic depth soundings to determine the variation of electrical conductivity with depth or seismic refraction to identify paleo-channels

All the work is done on the ground

What is an Airborne Geophysical Survey?



Typically Fly 400 to 1500 km per day

Airborne Survey Supervisors

EM/Mag Surveys will be Flown Using Helicopter



Tatweer Consulting
Engineer for Airborne
Geophysics.



(Helicopter will be Rent from Abu Dhabi Aviation or provided by UAE Air Force)

How can Magnetics and Electromagnetics Surveys find Groundwater?

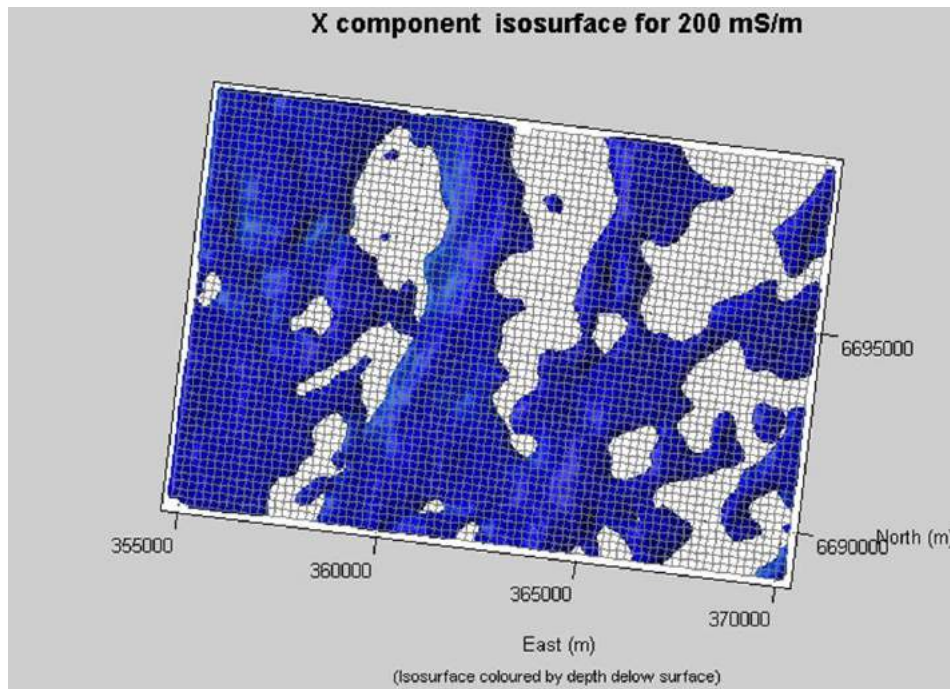
Electromagnetics

- identifies water bearing rocks (ie finds aquifers)
- determines water quality (fresh, brackish or saline)
- maps paleo-channels (old river systems)

Magnetics

- identifies faults fractures and dykes that control groundwater flow in hard rock terrains

These methods map the geology in 3D as shown below:



Summary - Typical Groundwater Project

- Collate existing groundwater data onto a GIS database;
 - Fly an TEM/magnetic survey (100m to 200m line spacing);
 - Process and plot the data as maps and cross-sections;
 - Interpret the results and select groundwater targets;
 - Ground geophysical surveys to site boreholes precisely;
 - Drilling ("ground truthing" and/or well development)
 - Borehole logging; Pump Testing; Groundwater Modelling;
 - Final Interpretation, update GIS data base;
 - Final reporting; groundwater resource management plan;.
-
- 3D subsurface geological mapping (depth ~ 100 to 300 metres)
 - Uniform coverage of a survey area (at 100m pixel resolution).
 - Information on water quantity, quality, depth and aquifer thickness.
 - Optimum siting of boreholes (e.g. fractures, sands and gravels).
 - Detect and map new aquifers (at depth)
 - Aquifer continuity between widely spaced well or boreholes.
 - Plan for sustainable development of groundwater resources
 - Training and transfer of technology use of GIS database

Geographic information System (GIS)

A “geographic information system” (GIS) is a computer-based tool that allows you to create, manipulate, analyze, store and display information based on its location. GIS makes it possible to integrate different kinds of geographic information, such as digital maps, aerial photographs, satellite images and global positioning system data (GPS), along with associated tabular database information (e.g., ‘attributes’ or characteristics about geographic features). Using GIS, you can incorporate all of this information into a single system and execute common database operations. For example, GIS allows you to perform statistical analysis or spatial queries, to explore ‘what-if’ scenarios, and to create predictive models.

Geophysical data and geographic information systems (GIS) are tightly connected to each other. Data arising through geophysical endeavors involve earth science, mining, archaeology, seismic, hydrological, energy exploration, geology, marine and engineering. Many different kinds of sensors can be used to capture this kind of data. That information supports the development of 2D, 3D and 4D techniques related to spatial analysis, visualization and display. A large amount of geophysical work today is related to understanding earth processes relating to geological hazards, earthquakes, volcanoes and flooding – all involving geological and ground survey information.

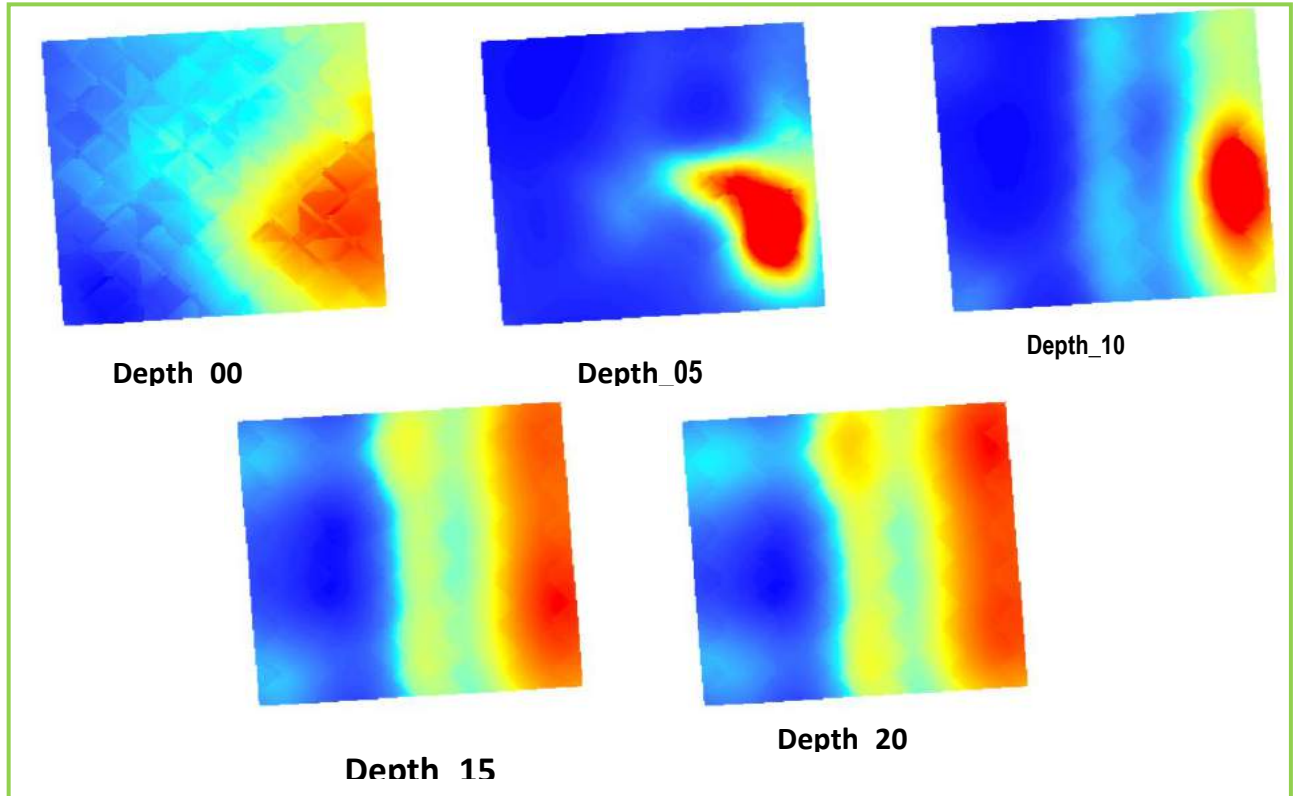
Applications:

- Datum’s and coordinate systems
- Geological hazard location
- Planning and Resource Management
- GIS for Utilities (Water Network, Sewer Network, Telecom & Electricity)
- Modernization of Cadaster maps
- Digital Mapping
- Geophysical data mapping

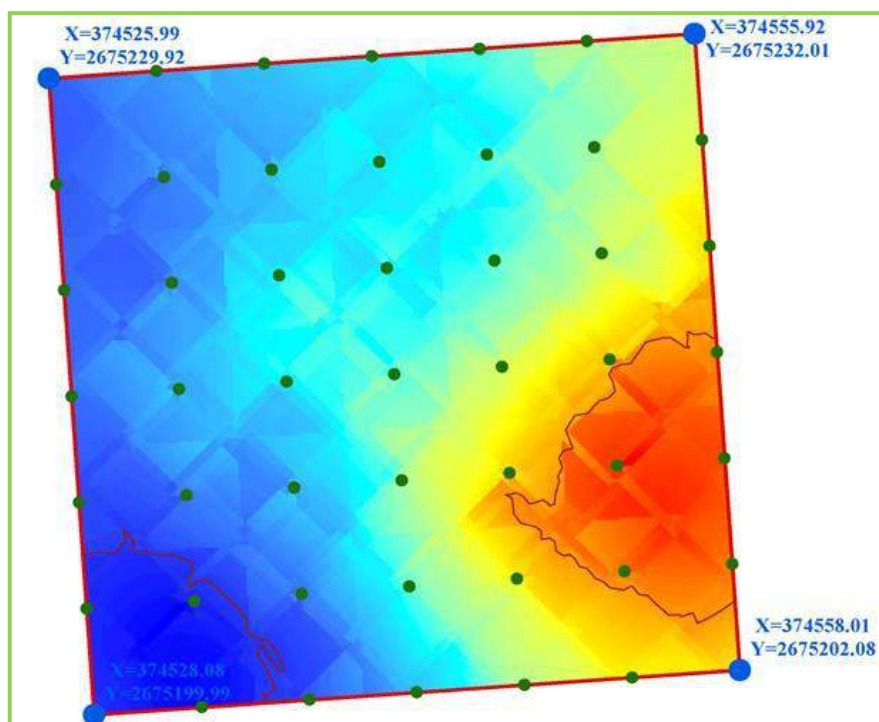
The GIS Processing of ERT and MASW Raw Data is the interpolation of geophysical data and the output will represent as the 2D and 3D visualization through the GIS vector and raster images.

ERT SAMPLE PROJECT OUTPUT (2D ERT)

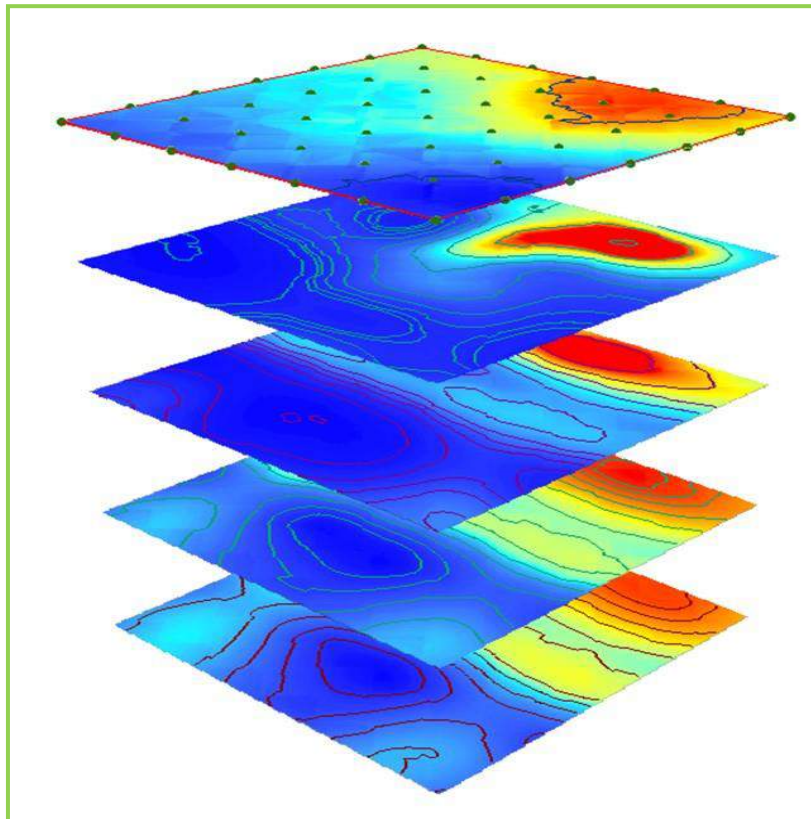
2D Top View of each 5m Depth (.bmp image)



2D Top View (from ArcGIS Software)

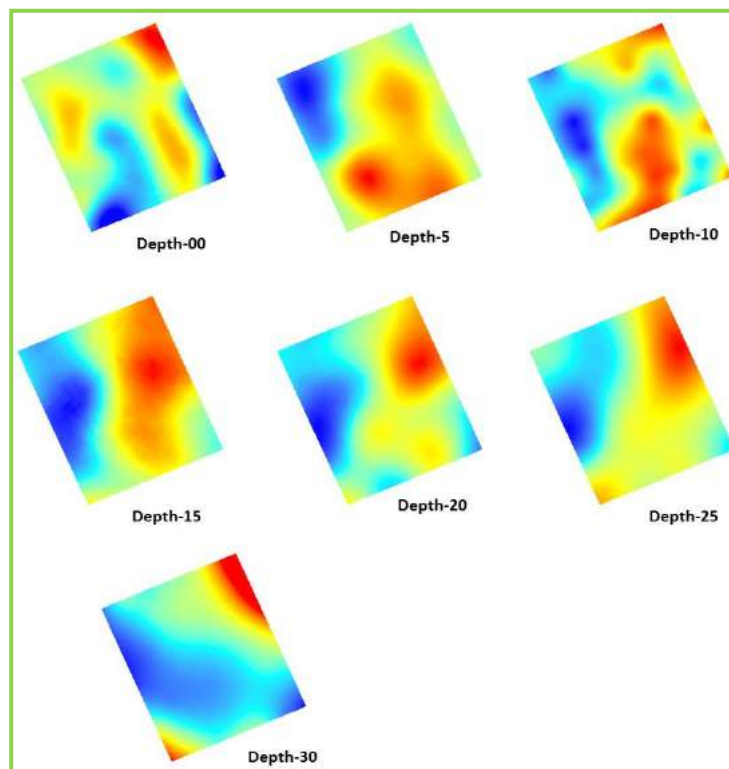


ERT 3D Output

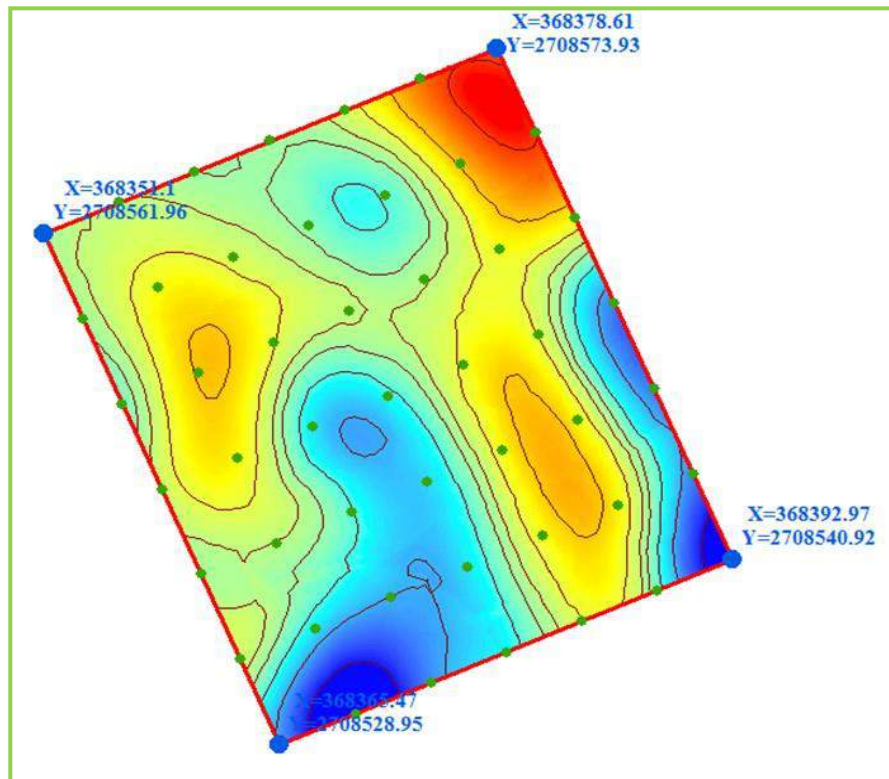


MASW SAMPLE PROJECT OUTPUT 2D MASW

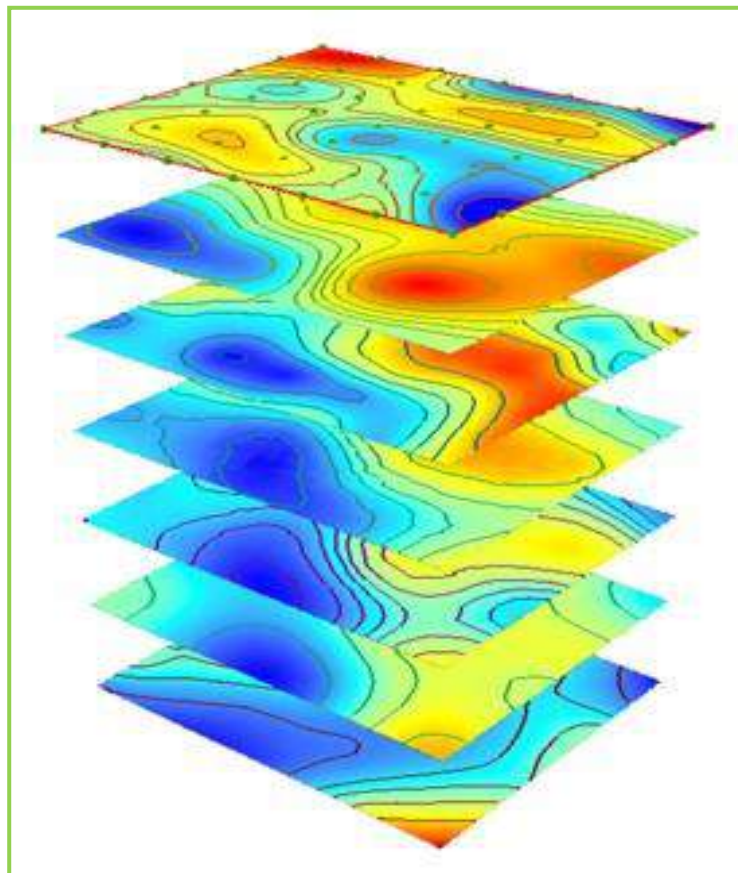
2D Top View of each 5m Depth (.bmp image)



2D Top View (from ArcGIS Software)



MASW 3D Output



LAND SURVEYING SERVICES

GPS AND TOTAL STATION TOPOGRAPHIC SURVEYS

Topographic Surveys are used to identify and map the contours of the ground and existing features on the surface of the earth or slightly above or below the earth's surface (i.e. trees, buildings, streets, walkways, manholes, utility poles, retaining walls, etc.).

Land surveying is basically an art and science of mapping and measuring land. The entire scope of profession is wide; it actually boils down to calculate where the land boundaries are situated. This is very important survey for geophysical survey, geotechnical survey, GIS and construction terminologies. Topographic survey was to make exact plot corners, localized features, curve stone, road, near existing boiling etc coordinates with levels to aid in future construction design work.

Our Land Surveying Services will include:

- Surveying for oil –water Wells Locations
- Surveying for Oil and Gas Pipelines
- Surveying for Power Transmission Lines
- Surveying for Cell/Communications Tower Sites
- Boundary Surveys
- Surveying and Drafting underground utilities (Services)
- Topographic Surveys - We identify and map the contours of the ground and existing features on the earth or slightly above or below the earth's surface (i.e. trees, buildings, streets, walkways, manholes, utility poles, retaining walls, etc.).
- Boundary Surveys - We identify and map the perimeter boundaries of parcels of real property which may require the setting of permanent or semi-permanent "monuments" to mark the corners of the property.
- Construction Surveys - We calculate and mark on the ground where, both horizontally and vertically, specific design elements are to be placed and constructed.

Pictures of Land Surveying Services



Examples of Land Surveying Services



SOIL TESTING & GEOTECHNICAL INVESTIGATION

TGSC recently providing Geotechnical Engineering Services for a wide range of projects, and welcomes the opportunity to expand our horizons. Our Engineering experience includes land development and construction. Our commitment to quality and familiarity with the region results in studies that can reduce construction costs while providing the best possible solutions. Our geotechnical services will include:

SOIL INVESTIGATION

- Geotechnical investigation to ascertain subsoil conditions.
- Engineering recommendations for shallow and deep foundations.
- Consultation on any geotechnical problems.
- Ground water monitoring studies installing piezometers.
- Determination of various field soil properties like permeability, conductivity, resistivity.
- Investigation and analysis of slope stability for various structures.

CHEMICAL TESTS

- Determination of deleterious salt content like Sulphate and Chloride in concrete.
- Determination of weathering severity by carrying out carbonation test.

General: - SRD 100 Model, Skid mounted Top drive drill rig is capable of drilling in different formations by **Auger, Rotary method and undisturbed sample collection by SPT** up to a depth of 100 feet. Under favorable drilling conditions. The following are the detailed specifications.

Capacity: Rotary Drilling Hole Diameter Max. Depth
Auger Drilling : SPT Drilling Max. Depth

4 ½" – 5 ¾" (100mm – 150mm) 100 Meters. Dia 150 mm
100 Meters.



TATWEER CONSULTING SERVICES

CONSULTING SERVICES

- Consultancy in Airborne Geophysical Magnetic, Electromagnetic, Radiometric Survey for Environmental Studies, groundwater exploration and geotechnical services.
- Planning and design of geophysical, geotechnical and land surveys.
- Supervising surveys to their successful completion.
- Maintaining a safety audit while surveys are in progress.
- Ensuring data is of the best possible quality for the survey method and survey Conditions.
- Prepare survey and interpretation reports.

Consulting services also include: taking field data and reprocessing it into a usable form to aid geological interpretation. The processed data can be taken a step further using state of the science 2D and 3D modelling software. Geological structures and the geometry of target bodies can be modelled to assist the definition of drill targets and drill-hole design.

TATWEER GEOPHYSICAL & LABORATORY EQUIPMENT AND SOFTWARE'S

GEOPHYSICAL EQUIPMENT AND SOFTWARE'S:

Serial No.	Equipment Description	Make	Location	Number of Equipment
1	Superstring 56 R8/IP	AGE	USA	1
2	Geode 24 channel	Geometrics	USA	2
3	GPR Dual Frequency 300-800 MHz	GSSI	USA	1
4	Downhole Seismic Triaxial Geophone	Geostuff	USA	1
5	RD700-Cable detector	Radio detection	UK	1
6	Crosshole Seismic Test	Ambegiro	Italy	1
7	US Geometrix-24 Geophones 4.5 MHZ installed on land streamer with 2m spacing. Seismic cable around 65m.	US Geometrix	USA	1
8	US Geometrix-24 Geophones 4.5 MHZ installed on land streamer with 2m spacing. Seismic cable around 65m.	US Geometrix	USA	1
9	Italian-24 Geophones 4.5, 1m spacing. Seismic cable around 26m.	Italian Ambrogeo	Ambrogeo	1
10	US Geometrix-24 Geophones 15 MHZ installed on land streamer with 1m spacing. Seismic cable around 26m.	US Geometrix	USA	1

Serial No.	Software Description	Make	Location
1	Earth imager TM 2D & 3D	AGI	USA
2	Res2D/3D Inversion	Geotomo	Malaysia
3	SurfSeis V 6.1.1.46-2D	Kansas	USA
4	SurfSeis V 6.7-2D	Kansas	USA
5	Geoscanners-GPR-SOFT	Sweden	Sweden
6	Gred3D 2D V.2 for Gravity Reduction	USGS	USA
7	Radon 7	GSSI	USA

LAND SURVEY EQUIPMENT AND SOFTWARE'S:

Serial No.	Equipment Description	Make	Location	Number of Equipment
1	GPS	Trimble	USA	2
2	Total Station	Trimble	USA	1

Serial No.	Software Description	Make
1	AutoCAD Civil 3D	Autodesk

GEOTECHNICAL EQUIPMENT:

Serial No.	Equipment Description	Quantity
Strength Parameter		
1	200 kn UCS Machine (One Unit ready for Shipment 3/4 wk)	1
2	Granite Surface Plate	1
3	Core Cutter	1
4	Grinder	1
5	Feeler Gauge - Small	1
6	Feeler Gauge - Big	1
7	Dial Gauge 0.001mm	1
8	Flat Edge Square	1
9	Magnetic Stand	1
10	X-Y End Flatness & Verticality Checking Unit - - Optional	1
11	Digital Vernier Caliper	1
Classification Test		
12	Particle Size Test -200mm Sieve BS, UK - Unit Price	0
13	Particle Size Test - 8" Sieve ASTM, UK - Unit Price	0
14	Sieve Brush	2
15	Hydrometer ASTM, Long Stem	1
16	Hydrometer BS	1
17	Hydrometer Glass Jar	6
18	Hydrometer Water Bath Normal	1
19	Hydrometer Test Full Set, Italy Make	0
20	Hydrometer Suspension Mixer	1

21	Thermometer	1
22	Conical Flask 1000ml	2
23	Stop Watch	1
24	Wet Washing Sieves 75micron & 63 Micron, Make UK	2
25	Liquid Limit Test Set	1
26	Plastic Limit Test Set	1
General Items		
27	Water Bailer box of 24Nos.	1
28	Soil Color Chart	1
29	Rock Color Chart	1
30	Wodden Core Box	50
31	Dip Meter 50m	1
32	Sampling Bottles 1000ml	10
33	Sample Extruder	1
34	SPT Sampling Bottles	50
Chemical Test		
35	Orbital Shaker with Universal Platform	1
36	Muffle Furnace	1
37	Oven	1
38	pH Meter	1
39	TDS Meter	1
40	Dessigator	1
41	Buffer Solution 3 Nos (4, 7, 10)	3
42	Storage Solution for pH meter	1
43	Volumetric Flask 100ml	2
44	Volumetric Flask 250ml	2
45	Volumetric Flask 500ml	2
46	Volumetric Flask 1000ml	2
47	Measuring Cylinder 10ml	1
48	Measuring Cylinder 25ml	1
49	Measuring Cylinder 50ml	1
50	Measuring Cylinder 100ml	1
51	Measuring Cylinder 250ml	1
52	Measuring Cylinder 500ml	1
53	Measuring Cylinder 1000ml	1
54	Glass Beaker 500ml	6
55	Glass Beaker 250ml	6
56	Conical Flask 500ml	6

57	Conical Flask 250ml	6
58	Glass Rod	2
59	Watch Glass	12
60	Glass Funnel	6
61	Filter Paper grade 40	1
62	Filter Paper grade 42	1
63	Hot Plate Price to Follow	0
64	Hot Plate Price to Follow	0
65	Pipette 1ml	1
66	Pipette 2ml	1
67	Pipette 5ml	1
68	Pipette 10ml	1
69	Pipette 25ml	1
70	Burette 25ml	2
71	Burette 50ml	2
72	Burette Stand 8X5X24MM	2
73	Crucibles Silica	6
74	Distilled Water	1
75	Oven for - Moisture Test , UCS Test , Chemical Test	1
76	Moisture Container / Tins	10
77	Digital Balance 0.1gm	1
78	Digital Balance 0.001gm	1
79	Steel Ruler 1m	1
80	Steel Ruler 30cm	1
81	Measuring Tape 5m	1

QUALITY, HEALTH, SAFETY AND ENVIRONMENT MANAGEMENT SYSTEM

QUALITY, HEALTH, SAFETY AND ENVIRONMENT

MANAGEMENT SYSTEM PROCEDURES

This QHSE Procedures has been prepared in accordance with the requirement of ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007. Responsibility for preparation, review & approval is given in the first section of each procedure.

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Certificate

Awarded to:

**TATWEER FOR GEOPHYSICAL STUDIES &
CONSULTING.**

PO.Box 136800, Plot no 23, M 17, Mussafah Industrial Area, Abu Dhabi, United Arab Emirates.

The Quality Management System has been assessed successfully and found to comply with the requirements of the international standard.

ISO 9001:2015

Scope of Certification

Resistivity Survey, Manual Electrical Resistivity, Electrical Resistivity Tomography (ERT), Seismic Methods, Multichannel, Analysis of surface wave (MASW), Seismic Refraction, Seismic Downhole, Seismic Crosshole, Ground Penetration Radar (GPR), Gravity, Magnetic & Topographic Survey, Soil Testing Services, Onshore & Offshore Oil & Gas Fields & Facilities Services.

Certificate No: **EQCS-2018-707-Q**
Certification date: 08 / 11 / 2018
Expiry date: 07 / 11 / 2021
Recertification date: 07 / 08 / 2021

IAF Code: 34
NACE Code: 7112
1st Surveillance: 07 / 11 / 2019
2nd Surveillance: 07 / 11 / 2020




EUROPEAN QUALITY CERTIFICATION SERVICES



Certificate

Awarded to:
**TATWEER FOR GEOPHYSICAL STUDIES &
CONSULTING.**

PO.box 136800, Plot no 23, M 17, Mussafah Industrial Area, Abu Dhabi, United Arab Emirates.

The Environment Management System has been assessed successfully and found to comply with the requirements of the international standard.

ISO 14001:2015

Scope of Certification

Resistivity Survey, Manual Electrical Resistivity, Electrical Resistivity Tomography (ERT), Seismic Methods, Multichannel, Analysis of surface wave (MASW), Seismic Refraction, Seismic Downhole, Seismic Crosshole, Ground Penetration Radar (GPR), Gravity, Magnetic & Topographic Survey, Soil Testing Services, Onshore & Offshore Oil & Gas Fields & Facilities Services.

Certificate No: EQCS-2018-707-E
Certification date: 08 / 11 / 2018
Expiry date: 07 / 11 / 2021
Recertification date: 07 / 08 / 2021

IAF Code: 34
NACE Code: 7112
1st Surveillance: 07 / 11 / 2019
2nd Surveillance: 07 / 11 / 2020



EUROPEAN QUALITY CERTIFICATION SERVICES



Certificate

Awarded to:

**TATWEER FOR GEOPHYSICAL STUDIES &
CONSULTING.**

PO.box 136800, Plot no 23, M 17, Mussafah Industrial Area, Abu Dhabi, United Arab Emirates.

The Occupational Health & Safety Management System has been assessed successfully and found to comply with the requirements of the international standard.

OHSAS 18001:2007

Scope of Certification

Resistivity Survey, Manual Electrical Resistivity, Electrical Resistivity Tomography (ERT), Seismic Methods, Multichannel, Analysis of surface wave (MASW), Seismic Refraction, Seismic Downhole, Seismic Crosshole, Ground Penetration Radar (GPR), Gravity, Magnetic & Topographic Survey, Soil Testing Services, Onshore & Offshore Oil & Gas Fields & Facilities Services.

Certificate No: **EQCS-2018-707-O**
Certification date: 08 / 11 / 2018
Expiry date: 07 / 11 / 2021
Recertification date: 07 / 08 / 2021

IAF Code: 34
NACE Code: 7112
1st Surveillance: 07 / 11 / 2019
2nd Surveillance: 07 / 11 / 2020




EUROPEAN QUALITY CERTIFICATION SERVICES

TATWEER TRADE LICENSE & ESTABLISHMENT CARD

Commercial License

رخصة تجارية

License No	:	CN-1514702	:	رقم الرخصة
ADCCI No	:	314373	:	عضوية الغرفة
Establishment Card MOHRE	:	775216	:	وزارة الموارد البشرية والتوطين بطاقة المنشأة
Establishment Card GDRFA	:		:	الإدارة العامة للإقامة وشؤون الأجانب - بطاقة المنشأة
Legal Form	:	Establishment	:	الشكل القانوني
			:	مؤسسة فردية
			:	تطوير للاستشارات والدراسات الجيوفيزيائية
Trade Name	:	Tatweer For Geophysical Studies And Consulting	:	تاريخ تأسيس المنشأة
Establishment Date	:	18/04/2013	:	تاريخ الإصدار
Issue Date	:	14/05/2019	:	تاريخ الانتهاء
Expiry Date	:	23/05/2020	:	

الصفة Role	الجنسية Nationality	الملاك / الشركاء Owners / Partners	الرمز No.
مالك Owner	الإمارات العربية المتحدة United Arab Emirates	محمد محمود محمد احمد المرزوقي MOHAMED MAHMOOD MOHAMED AHMED ALMARZOOQI	41236807

Commercial Activities	:	الأنشطة التجارية
- Geological and geophysical consultancy and studies and researches		- الاستشارات والدراسات والبحوث الجيولوجية والجيوفيزيائية
- Work measurement and space		- اصال القياس والمساحة
- Soil testing services		- خدمات فحص التربة

Address	:	مصنع الصناعية, م ١٧, ق ٢٣, مكاتب رقم, وحدة, مستودع كبير رقم (٢), المالك / نجاة علي داود محمد جفال	العنوان
		(تم تحصيل رسوم خدمات الدفاع المدني)	

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United Arab of Emirate
Ministry Of Interior
Natur Immig Admin Abu Dhabi



دولة الامارات العربية المتحدة
وزارة الداخلية
الإدارة العامة للإقامة وشؤون الأجانب / أبوظبي

بطاقة منشأة

رقم : 196027/6

الإسم : تطوير للاستشارات والدراسات الجيوفيزيائية

Name : TATWEER FOR GEOPHYSICAL STUDIES AND CONS

النشاط : الاستشارات والدراسات والبحوث الجيولوجية والجيوفيزيائية

الفئة :

مدير الإدارة العامة للإقامة
وشؤون الأجانب

ب.م.م.م.

2016\05\29

تاريخ الإصدار :

2019\05\28

تاريخ الإنتهاء :

الرقم	الإسم	الصفة	التوقيع
555224	محمد محمود محمد احمد المرزوقي	مخول بالتوقيع	
110853553	محمد حسن ابراهيم حسونه	مخول بالتوقيع	

وكالة خاصة واعتماد توقيع

انا الموقع ادناه/ محمد محمود محمد احمد المرزوقي الجنسية/ الامارات واحمل بطاقة هوية رقم (784197648153712) بصفتي مالك الرخصة التجارية المسماة :-
(تطوير للاستشارات والدراسات الجيوفيزيائية) برقم (CN-1514702) الصادرة من دائره التنمية الاقتصادية ابوظبي.

أقر على نفسي وانا بحالته المعبره شرعا وقانونا والتي تسمح لي بالافرار ونفاذ التصرفات باننى قد وكلت:

السيد/ محمد حسن ابراهيم حسونة الجنسية: الاردن ويحمل بطاقة هوية مقيم رقم (784195976864033) ليؤوب على ويقوم مقامى ويمثلنى فيما يلى:

- 1- انتهاء المعاملات : مراجعة كافة الدوائر وكافة الجهات الحكومية وغير الحكومية ذات العلاقة ، ومنها على سبيل المثال لا الحصر : وزارة الموارد البشرية والتوطين ودائرة التنمية الاقتصادية والبلدية والمحاكم ومراكز الشرطة والادارة العامة للاقامة وشؤون الاجانب والهيئة العامة للشؤون الاسلامية والاوقاف وادارة المرور والترخيص والموانئ والجمارك والبريد والاتصالات والدفاع المدني وهيئة الماء والكهرباء والمطارات والبنوك ودائرة المشتريات والضمان الصحى وهيئة الامارات للهويه والجوازات وهيئة الصحة ودائرة الخدمات الاجتماعية والمبلى التجارية ووزارة الداخلية والخدمات الاجتماعية والشؤون الاجتماعية ونجس التوفيق والمصالحة والشركات الخاصة والعامة والمؤسسات والافراد واستلام وتسليم وتقديم كافة الطلبات والمستندات والمعاملات والتوقيع عليها وانهاء المعاملات
- 2- تعيين الموظفين: تعيين الموظفين والعمال وانهاء خدماتهم والتوقيع على عقودهم ودفع رواتبهم وطلب التأشيرات والبطاقات والإقامات وتجديدها واستلامها وانهاؤها والتعميم على العمال وفك التعميم وتسفيرهم.
- 3- الخدمات : تقديم وإدخال خدمات الهاتف والفاكس والانترنت والكهرباء والمياه وغيرها من الخدمات والتوقيع على نماذج وطلبات التقديم ودفع الرسوم والمخلفات وتسديد فواتير الخدمات ، وله الحق فى قطع الغاء تلك الخدمات نهائيا او مؤقتا او اعادتها مرة اخرى وتقديم الضمانات والكفالات المتعلقة بتلك الخدمات واستلامها سواء نقدا او بشيكات وصرفها.
- 4- إبرام العقود: التوقيع على كافة انواع العقود وملاحقها المتعلقة بالرخص المذكورة اعلاه فقط ومنها عقود التأسيس وعقود وكيل الخدمات والدخول فى عقود الائتلاف والتوقيع عليها والدخول فى المناقصات المتعلقة بتقديم عروض الاسعار للمشاريع المختلفة اخرى وله الحق فى تجديد وانهاء الاجار واستلام المستحقات الخاصة به وانهاء كافة الاجراءات المتعلقة وفسخ العقود، وله الحق فى التوقيع على عقود الشراء.
- 5- البنوك: فتح الحسابات وإغلاقها لدى البنوك والسحب منها او الادباغ فيها واستخراج دفاتر الشيكات واستلامها والتوقيع على الشيكات وصرفها ويحق له استلام قروض السيارات من البنوك والتوقيع على المستندات الخاصة بذلك واستلام وصرف الضمانات البنكية وفك رهن وكل ما يخص تمويل السيارات.
- 6- البيع او التنازل: البيع او التنازل عن الرخص المذكورة اعلاه لنفسه او للغير او الغاء الرخصة او تحويلها الى اى نوع من انواع الشركات واضافه او الغاء اى نشاط على الرخصة ، كما له الحق فى التوقيع على كافة العقود السالفة الذكر وغيرها.
- 7- استلام المبالغ: استلام كافة المستحقات والمبالغ للرخصة المذكورة اعلاه سواء نقدا او بشيكات والتوقيع على إيصالات الاستلام وصرف الشيكات من البنوك المسحوب عليها واستلام الامانات والضمانات والكفالات وصرفها.
- 8- السيارات: بيع وشراء السيارات والمعدات والتسجيل والشطب وفك الرهن عن جميع السيارات وتجديد ملكية السيارات لدى إدارة المرور والترخيص المملوكة للرخصة المذكورة اعلاه فقط ، وقيادة السيارات وشحنها وتسفيرها وانهاء كافة الاجراءات المتعلقة بالشحن والتسفير واستخراج شهادات التسفير من الجهات المختصة ، ودفع الرسوم والمخلفات المترتبة على السيارات والتوقيع على كافة الأوراق المتعلقة بذلك.
- 9- مراجعة المحاكم : تعيين المحامين وعزلهم ومراجعة كافة المحاكم بخصوص القضايا المتعلقة بالرخصة وله الحق فى فتح البلاغات لدى مراكز الشرطة والنيابة العامة والتنازل عنها ، ورفع القضايا لدى المحاكم بمختلف انواعها ودرجاتها والنيابة العامة والتنازل عنها كما له حق الصلح والافراز والتسوية والبراءة والائتلاف والصلح والتحكيم وقبول الميثاق والتوقيع عليها او ردها وترك الخصومة او التنازل عن الحكم كليا او جزئيا او عن طريق من طرق الطعن فيه او رفع الحجز او تركه للمحكمة مع بقاء الدين او الادعاء بالتزوير او رد القاضى او الخبير
- 10- اعتماد توقيع: لدى كافة الجهات المختصة فى الرخصة المذكورة اعلاه.
- 11- كما لهم الحق فى تجديد الرخصة المذكورة اعلاه
- 12-توكيل الغير: لتوكيل الحق فى توكيل الغير فى كل او بعض الصلاحيات المذكورة اعلاه.

تسرى هذه الوكالة لمدة ثلاثة سنوات من تاريخ التصديق عليها مالم تلغى قبل ذلك لاي سبب

3414675

دائرة القضاء
JUDICIAL DEPARTMENT



محضر تصديق رقم 1705035537

انه فى يوم الثلاثاء الموافق 2017/12/26

حضر لدى ادى المحامى الكاتب العدل

محمد محمود محمد المرزوقي والآخرين

وبعد استيفاء الاجراءات المقررة وسداد الرسم وقدره 500 درهم

بموجب الايصال رقم 1701049365301003143، تمت

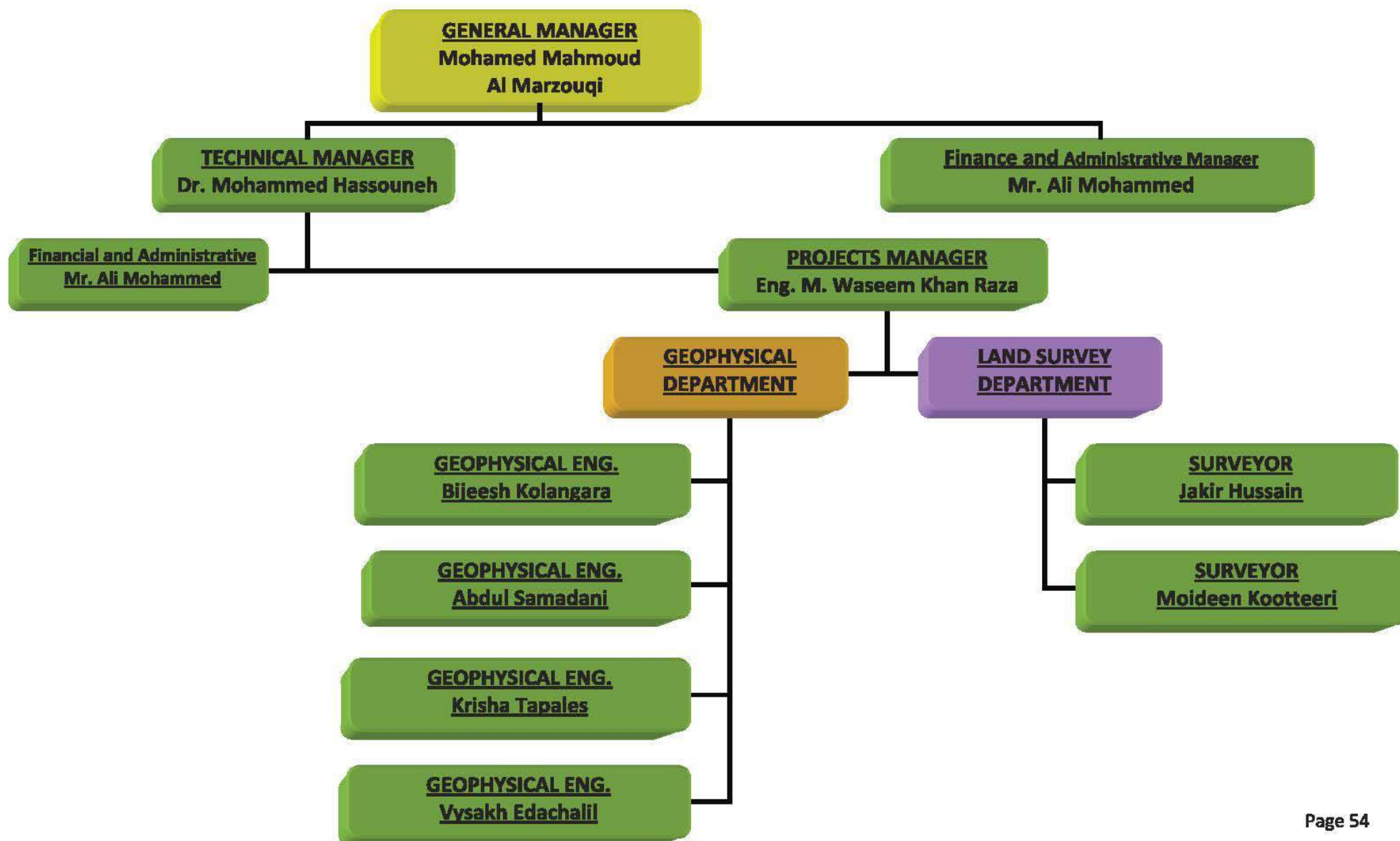
بالتصديق.

الوكيل/

الموكل/

TATWEER STRUCTURAL ORGANIZATION, KEY PERSONNEL & CV

TATWEER STRUCTURAL ORGANIZATION:



LIST OF KEY PERSONNEL & QUALIFICATION:

S.No.	Staff Name	Qualifications	Experience	Designation
1	Eng.Mohamed Mahmoud Al Marzouqi	Civil Engineering	15	General Manager
2	Dr. Mohammed Hassouneh	PhD, MSC Geophysical Engineering	35	Technical Manager
3	Eng. M. Waseem Khan Raza	MSc Geophysics	10	Projects Manager
4	Eng. Bijeesh Kolangara	MSc Applied Geophysics	6	Site Engineer/ Processing Engineer
5	Eng. Abdul Samadani	MSc Applied Geophysics	5	Site Engineer/ Processing Engineer
6	Mr.Ali Hassouneh	BSc in Business Administration	3	Finance and Administrative
7	Eng. Krisha Tapaes	BSc Geology	1	Data Processing Engineer
8	Eng.Vysakh Edachalil	MSc Applied Geophysics	1	Site Engineer
9	Moideen Kootteri	Diploma in Surveying	7	Surveyor
10	Jakir Hussain	Diploma in Surveying	2	Surveyor
11	Ishtiaq Ahmad	Secondary School	8	Technician
12	Khan Ali Rahman	Secondary School	4	Helper
13	Mohammad Asif	Secondary School	4	Helper
14	Imran Shahzad	Secondary School	4	Driller
15	Gulfan Haider Ghulam	Secondary School	3	Driller Assistant

The List Of Employees

كشف العاملين بالمنشأة



وزارة العمل والشؤون الاجتماعية
MINISTRY OF LABOUR AND SOCIAL SECURITY
KINGDOM OF SAUDI ARABIA

2-A	Category	التصنيف
775215	Company Code	رقم المنشأة
تطوير للاستشارات والدراسات الجيوفيزيائية TATWEER FOR GEOPHYSICAL STUDIES AND CONSULTING	Company Name	اسم المنشأة

MISSION PRE APPROVAL FOR WORK PERMIT

إشعار الموافقة المسبقة لتأهيل العمل

Passport No رقم الجواز	Person Details بيانات العامل	JOB المهنة	Nationality الجنسية	Labour Card Details تفاصيل بطاقة العمل
MS957133	YYRAKH EDACHALLIL SUXUMARAN فيصال بداشليل سوكوماران	GEOLOGICAL ENGINEER مهندس جيولوجي	INDIA الهند	00036962 07/03/2019

RENEW ELECTRONIC WORK PERMIT

تجديد تصريح عمل إلكتروني

Passport No رقم الجواز	Person Details بيانات العامل	JOB المهنة	Nationality الجنسية	Labour Card Details تفاصيل بطاقة العمل
DQ1886391	MUHAMMAD ASIF AMANAT ALI محمد اسيف امانات علي	ORDINARY LABOURER عامل عادي	PAKISTAN باكستان	71771770 28/07/2019
L299933	MOHAMMED HASAN IBRAHEM HASSOUNEH محمد حسن ابراهيم حسيوه	TECHNICAL MANAGER مدير فني	JORDAN الأردن	70801037 31/05/2019
CM6891942	RIAMAD WASEEM KHAN RAZA MUHAMMAD SALEEM RA محمد وسيم خان رزا محمد سالم رفا	GEOLOGICAL ENGINEER مهندس جيولوجي	PAKISTAN باكستان	78650315 20/04/2020
YD115471	ISHIAQ AHMED MUHAMMAD FAZIL اشياق احمد محمد فاضل	LIGHT VEHICLE DRIVER سائق مركبة خفيفة	PAKISTAN باكستان	71771768 19/07/2019
OY9158951	KHAN RAHMAT ALI RAHMAN خان رحمن علي رحمن	ORDINARY LABOURER عامل عادي	PAKISTAN باكستان	71771763 02/07/2019
L1481602	ABDUL SAMADANI CHULUBULA VAN SATHAR عبد السمداني شولوكولاف ستار	GEOLOGICAL ENGINEER مهندس جيولوجي	INDIA الهند	75370512 28/03/2019
L1177484	MOHSEN KOOTHEERU MANMURDU موسين كوتيري مانمردو	LAND SURVEYOR مساح أراضي	INDIA الهند	71771775 04/07/2019
L207617	ALI MOHAMMED HASAN HASSOUNEH علي محمد حسن حسيوه	ADMINISTRATIVE SUPERVISOR مفتش اداري	JORDAN الأردن	76348323 29/05/2019
J655405	JESU KOLANGARA MOHAMMAD KOLANGARA VELU MUHAN ييسو كولانجارا موهامد كولانجارا فيلو موهان	GEOLOGICAL ENGINEER مهندس جيولوجي	INDIA الهند	76789805 25/07/2020

NEW ELECTRONIC WORK PERMIT

تأهيل عمل إلكتروني جديد

Passport No رقم الجواز	Person Details بيانات العامل	JOB المهنة	Nationality الجنسية	Labour Card Details تفاصيل بطاقة العمل
P457022A	KRISHA HIMOLA TAPALES كريشه هيمولا تاپاليس	GEOLOGICAL ENGINEER مهندس جيولوجي	PHILIPPINES الفلبين	75261164 02/05/2020
K6880430	JAKIR HUSSAIN MUHAMMED جاكير حسين محمد	LAND SURVEYOR مساح أراضي	INDIA الهند	76605385 12/08/2020
C03971681	GULFAM HAIDER GHULAM HAIDER غلفام حيدر غلام حيدر	ORDINARY LABOURER عامل عادي	PAKISTAN باكستان	73766003 05/12/2019
HS149492	IMRAN SHAHZAD MUHAMMAD SHAHZAD GHURMAN عمران شادزاد محمد شاذي غورمان	ORDINARY LABOURER عامل عادي	PAKISTAN باكستان	73765735 05/12/2019

14

عدد العمال الإجمالي

Total Number of Employees

***** بطاقات جاري إلغاؤها

**** لديه بلاغ هروب

*** بطاقة عمل لديه نواقص ولا تعتبر سارية وفي حالة وجود شراكة سيتم احتساب المبلغ من تاريخ تسديد الشراكة

** تصاريح عمل مؤقت مستلمة

* تصاريح عمل مؤقت مقدمة



Dr. Mohammed Hassouneh



Personal Information

- **Nationality:** Jordanian
- **Place & Date of Birth:** Jordan Sahab, May 18, 1959
- **Marital Status:** Married
- **Visa Status:** Residence Visa
- **Driving License:** UAE, USA and Germany
- **Languages:** Arabic, English & German

Education

- 1978-1982: Damascus University, Damascus (Syria) Bachelor of Science degree in Applied Geophysics
- 1994-1996: University of Arizona, Tucson (USA) Master of Science degree in Geological and Geophysical Engineering

Master Thesis:

- Structure of the Lisan Peninsula of the Dead Sea basin from gravity analysis.
- 1999-2003: Würzburg University, Würzburg (Germany)
- Post Graduate Studies: Geophysics

Dr. Thesis (Applied Geophysics):

- Interpretation of potential fields by modern data processing and 3-dimensional modelling of the Dead Sea Pull-Apart basin/ Jordan Rift Valley (JRV).

Professional Experience & Responsibilities

Tatweer for Geophysical Studies and Consulting

Technical Manager

May 2013-Present

- Human resources, equipment resources management and planning.
- Budgeting and forecast.
- Analyzing, evaluating and processing all geophysical field data collected.
- Making study and recommendations.
- Coordinating with various customer companies
- Reporting all geophysical & surveying projects.

Regional Manager of the Centre of Excellence for Geophysical Studies-Arab Centre-Dubai-UAE

October 2012-May 2013

Geophysical Projects Manager, Arab Centre for Engineering Studies

November, 2011-October, 2012

Head of Geophysics Department, Capital Surveys for Engineering Studies and Topographic Surveying-DELMA GROUP, Abu Dhabi-UAE

June 2009-November 2011

Manager of Geophysics & Surveying Department, Baynunah Laboratories, Abu Dhabi-UAE

May 2007- May 2009

Hydro-geophysicist at Department of Atmospheric Studies, Ministry of Presidential Affairs, Abu Dhabi, UAE

July 2005 – July 2006

The Office of H. H. The President of the UAE

Geophysical Expert

January 2004–May 2005

- Investigation of ground water basins using geophysical resistivity and electromagnetic methods to delineate the boundary between the fresh water and saline water
- Development of water resources.
- Delineation of shallow water basins.
- Calculation of surface water potentiality.

Ministry of Energy and Mineral Resources, Seismological Observatory and Geophysical Studies Division

1984 – 1999

- Supervising geophysical team at the gravity survey at several location at HKJ.
- Processing and interpretation geophysical data, gravity, magnetic, radiation, resistivity, induce polarization, and refraction seismic using modern American, Canadian and German processing techniques.
- Conducting microgravity, refraction seismic and resistivity tomography surveys to locate the shallow subsurface cavities (sinkholes) and soft materials in the Jordan Rift Valley (JRV).
- Drawing different geophysical maps by Geosoft and Surfer mapping systems.
- Environmental and hydro-geological studies in the Jordan Rift Valley (JRV).

Royal Jordanian Geographic Centre, (Geodesy Institute), Amman, Jordan

Geophysicist

1982 – 1984

- Geophysical and geological studies for military purposes.
- Teaching general geophysics at geodesy Institute.
- Building new DTM (Digital Terrain Model) along the Rift Valley and Red sea.

Publications

- Three (3) Geophysical MASW reports for Qatar general electricity and water corporation (Kahramaa) at Mega reservoirs projects in Doha, State Of Qatar
- Marine geophysical report along the deep tunnel route – Musafah-Abu Dhabi, 2011
- SIX (6) Geophysical ERT Reports for cavity detection and geotechnical features of concern investigations at Al Falah community development Project at Villages 1, 2, 3, 4, 5 and in the Town centre.
- Geophysical ERT Report at Khalifa B site MFW-19, PLOT 80-82
- Geophysical ERT Report at Rotana Hotel Chalets, AL Ain City
- Geophysical ERT Report at Al Habtoor Showroom, AL Ain City
- Active Faults and Paleoseismicity of Aqaba-Wadi Araba Region, September 2009.
- Structure of the Dead Sea Pull-Apart Basin from Gravity Analysis. (Journal of geophysical research, vol. 98, No. B12, Pages, 877-894, Dec 10, 1993).
- Anatomy of the Dead Sea transform: Does it reflect continuous changes in plate motion, (Geology: October 1999; v.27; no. 10; p. 887-890).
- Generalized interpretation of the aeromagnetic data of Jordan (open report; 1998, NRA library).
- Microgravity studies for Dike-18 in the Lisan Peninsula of the DSB, open report; 1993 NRA & Potash Arab Company.
- High resolution gravity survey in Wadi Araba (Bir-Madhkour), Joint project with GFZ Potsdam. 2002. (Under publication).
- Geophysical studies in Wadi Abu Khusheibeh for gold exploration, open report 2000.
- Small-scale gravity modelling of upper crustal structures in the Wadi Araba Valley along the Dead Sea Transform, 2006 G-cubed, AGU, an electronic journal of Earth sciences

Professional Technicians Societies

- Emirates Society of Geosciences (ESG)
- Society of Exploration Geophysicists, Tulsa Oklahoma. USA.
- Jordanian Engineering Association
- Jordanian Geologists Association
- American Geophysical Union
- Americans school graduates Association

Training Courses & Workshops

The United States of America

- Training course on gravity reduction, processing and interpretation. United State Geological Survey (USGS), Tucson Office, Arizona. July 1988-August 1988.
- Training course on geophysical exploration for oil & Gas. USA, Woods Hole. February 1993-May 1993.
- Workshop on joint gravity project of the Dead Sea rift between Jordan, USA, Woods Hole USGS office. 19-31 July 1998.
- Academic studies for Master of Science, geophysical and geological Engineering, The University of Arizona, Tucson, January 1994-November 1995.
- Mid-winter community Seminar held at Harvard University, Boston, and the National Council for International Visitors & the Agency for International Development, December 1994.

Canada

- Training course in Scintrex Ltd. Maintenance of Automated Gravity meters CG-3 and using Geosoft package for drawing different geophysical & geological mapping. Toronto. January 1990-February 1990.

Russia

- United Nation fellowship courses on geological professions at G. V. Plekhanov Mining Institute, Electromagnetic and Resistivity methods of exploration geophysics N2. Leningrad, 15 October 1988 till 1 February 1989.

Germany

- Training course in 3D modeling program IGMAS, at Institute of geology, geophysics and geo-informatics, Free University, winter semester, 2000/ 2001, Berlin.
- Workshop on Magneto-Telluric (MT) & Electro-Magnetic (EM) studies in the Jordan Rift Valley, Wadi Araba fault. Potsdam, June 26- June 30, 2002.
- Workshop on gravity processing of the gravity data collected in the Jordan Rift Valley (JRV). Free University, Berlin, July 1-5, 2002.

Egypt

- Third international training workshop on gravimetric. 23rd Nov. – 5 th Dec. Cairo, 1996.

Jordan

- Training course on Uranium Exploration in Cooperation with IAEA and NRA in the period from 13-24 March 1988.

- Training course on an executive Administration at Institute of Public Administration (JIPA), in the period from 13 of March-29 of June 1999.

Long Range Career Interest

- Integration of Geophysics and Seismology.
- Computer applications in Earth Sciences. Mathematical Geology.


Primary Areas of Technical Expertise

- Near Surface Geophysics, GIS, Tectono-physics, Computer Applications, Potential Field Theory
- Modelling and Simulation, Research planning and consulting.

Hardware & Software

- Earth imager 2D & 3D for Resistivity data processing and Interpretation
- SeisImager for seismic data processing and analysis
- Surfseis for seismic data processing and analysis
- Trimble 5700 & 5800 DGPS System
- UNIX and Linux operating systems.
- Scintrex Autograv (CG3), Lacoste and Romberg Model G&D gravimeters.
- Proton Precession Magnetometer Model G-856.
- Refraction Seismic (Bison instruments, Geopro Model 8012A).
- Earth resistivity meter model 2350B and new Syscal Pro.
- DGPS, Ashtech Z-Surveyor and Winprism Ashtech Processing Software
- USGS Package for gravity reduction, modeling and mapping.
- Geosoft 2D Mapping System.
- PROMAX for Seismic Interpretation.
- IGMAS 3-D German modelling program.
- Golden software's, Surfer, Grapher and Map viewer.

Abu Dhabi University

دولة الإمارات العربية المتحدة جامعة أبوظبي فرع العين	تقرير تفاصيل المعاملة	
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نوع المعاملة : تعيين جديد		نوع التعيين : طالب توظيف جديد	
البيانات الأساسية			
	رقم المرشح 203059	رقم الهوية 110853553	الرقم الموحد
مسلم - سني	الديانة	784195976864033	رقم الهوية
الأردن	الجنسية الحالية	محمد حسن إبراهيم حوسنة	الاسم الكامل
	رقم قرار التعيين	ذكر	الجنس
30-12-2018	تاريخ التعيين		الجنسية السابقة
اداري + أكاديمي	نوع الخبرة	الأردن	تاريخ الحصول على الجنسية
28	عدد سنوات الخبرة		مكان الميلاد
جزئي	نوع التعاقد	18-05-1959	تاريخ الميلاد
جامعة أبوظبي فرع العين	الجهة	متزوج	الحالة الاجتماعية
		0	عدد الأولاد
		حليمة	اسم الأم
	العمر	دكتوراه	المستوى التعليمي
		علوم الطبيعية	التخصص
		دكتوراه	المؤهل الدراسي
		المانيا	جهة التخرج
		2003	سنة التخرج

العناوين	
المهنة	العنوان الحالي
المدينة	أبوظبي
هاتف العمل	الشارع
0503280645	الامارة
اسم المالك: معالي الأزعابي	الدولة
الخالدية	هاتف المنزل
-	الفاكس
صندوق البريد	البنابة
	رقم الثقة

تعيين جديد	
جامعة أبوظبي فرع العين	الجهة
أستاذ جامعي	مكان العمل
درجة خاصة	

الاجراءات			
المستخدم	التاريخ والوقت	الحالة	الاجراء
DANA_679	2018/12/30 15:53:40	موافقة	إمخال المعاملة
	2018/12/30 19:31:30	موافقة	موافقة اللجنة

Muhammad Waseem Khan Raza

Personal Information

- **Nationality:** Pakistani
- **Place & Date of Birth:** Pakistan, December 22, 1982
- **Marital Status:** Married
- **Visa Status:** Residence Visa
- **Driving License:** UAE, Driving License
- **Language:** English, Urdu, Panjabi



Education

- M. Sc. (Geophysics) - 2005-2007 from Quaid-e-Azam University Islamabad, Pakistan.
- B. Sc. (Math (A & B), physics) - 2002-2004 from Punjab University Lahore, Pakistan.
- HSSC (Pre-Engineering.) - 1999-2001 Federal Board Islamabad, Pakistan.
- SSC (Science) - 1997-1999 Federal Board Islamabad, Pakistan

Professional Experience & Responsibilities

Tatweer for Geophysical Study & Consulting Abu Dhabi, UAE.

Project Manager

October 2013 to date

- Overall Project manager of all Geophysical shallow survey.
- Shallow Geophysical Data acquisition, processing, interpretation & reporting, Inquires, Quotations, Technical proposal, Invoices, BOQ, coordination and management.
- Coordination with client and contactor for Geophysical shallow survey.

Arab Centre for Engineering Study (ACES) Dubai, UAE.

Senior Geophysical Engineer

March 2011 to September 2013

- Data acquisition and 2D Processing of MASW (Multichannel Analysis of Surface Waves) using Geode instrument and Seismodule Controller, Surfseis3.06 software to describe Subsurface Utilities.
- Data acquisition and 2D Processing of ERT (Electrical Resistivity Tomography) using super String instrument and AGI, RES 2Dinversion Software to describe Subsurface Utilities.
- Data acquisition, 2D Processing and Interpretation of GPR (Ground Penetration Radar) using instrument (GSSI RIS-3000, 200 MHz) and Reflex win Software to describe Subsurface Utilities.

- Data acquisition of refraction survey for P waves using Seismodule control and SeisImager Software.
- Data acquisition and processing of Calliper logging in borehole using Win Logger Software (RG LOG) to describe borehole Depth, diameter and caved zones.
- Data acquisition and processing of Electrical logging in borehole using Win Logger Software (RG LOG) to describe borehole Depth, Resistivity and Natural Gamma.
- Data acquisition of Suspension P-S Velocity logging in borehole using Digital Suspension logger Software to measure P and S waves velocity profiles to describe soil and rock properties such as shear modulus, bulk modulus, compressibility, and Poisson's ratio.
- Data acquisition and processing of down hole and up hole Seismic Survey in borehole for P and S waves using Seismodule control and SeisImager Software.
- Data acquisition of Full Waveform Sonic Sonde (FWVS6295) for shear waves and compressional waves in borehole using Win Logger Software.
- Data acquisition of Vibration monitor during construction and drilling using ABEM Vibraloc instrument and Vibraloc Pc software.
- Data acquisition for Images of the borehole wall with Acoustic televiewer instrument using HIRAT Software.
- Clients and consultant dealing.

Capital Surveys Abu Dhabi, UAE.

Geophysical Engineer

December 2008 to March 2011

- Data acquisition and 2D Processing of ERT (Electrical Resistivity Tomography) using super String instrument and AGI, RES 2Dinversion Software to describe Subsurface Cavities.
- Data acquisition, 2D Processing and Interpretation of GPR (Ground Penetration Radar) using instrument (GSSI RIS-3000, 200 MHz) and Reflex win Software.
- Data acquisition of MASW (Multichannel Analysis of Surface Waves) using Geode instrument and Seismodule Controller Software.
- Data acquisition of marine survey for utilities detection using Side Scan Sonar instrument and Hypack, Edge Tech Software.
- Preparing borehole logs at Geotechnical sites.
- Line Quality Control.
- Reporting of field work and dealing with consultant.

FUGRO Middle East, Abu Dhabi, UAE.

Geophysical Engineer

May 2008 to September 2008

- Data acquisition of ERT (Electrical Resistivity Tomography) using Super Sting, IRIS (Syscal) instruments and AGI, Electre III, Electre II Software's.
- Processing and Modelling of ERT data using RES 2Dinversion and Prosys II Software's.

- Data acquisition of GPR (Ground Penetration Radar) instrument.
- Data acquisition of MASW (Multichannel Analysis of Surface Waves) using Geode instrument and Seismodule Controller software.

GEO TECH Consultancy Services Islamabad, Pakistan.

Geophysicist

January 2007 to May 2008

- Team Leader.
- Soil Investigations of Towers.
- Soil Investigations of Buildings.
- Worked in the field as well as in the office.
- Prepared the daily reports of soil investigation of towers and buildings.
- Dealing with Consultants.

Professional Trainings

- 1 Month videos/Software Training Programs on Seismic 2D & 3D from Petro Research & training Institute, OGCL Islamabad, Pakistan.
- Geological field trips in different areas of Pakistan (Khehra Gorge, Nilawahan Gorge, Nammal, Swat) during M.sc Study from Quaid-e-Azam University Islamabad, Pakistan.
- Seismology Study trip for one day at Tabala Dam, Pakistan.
- One Month Training of hydrologist included (Data acquisition of Step Draw down Test for tube wells, Survey of Tube Wells, Intake Points, and Reservoirs) from National Engineering Corporation Islamabad, Pakistan.
- One week Training on Geographic Information System (GIS) from Capital Surveys Abu Dhabi, UAE.
- Two Day training on Line Side Person In charge (LPIC) from Serco Metro Dubai.
- NEBOSH International General Certificate (Health and Safety) training program From Mirdif Security and Safety Consultant Institution Dubai, U.A.E.
- One day training program on Side Scan Sonar instrument and Hypack, Edge Tech Software from Hypack Company, Dubai, UAE.
- Two day training program about Suerfsies Software from Kanas Geological Survey, Dubai, UAE.
- Two day training program about Erath Imager Software from Advanced Geosciences, Inc, Abu Dhabi, UAE
- Two day training program about RES2D/3D Software from Geotomo, Dubai, UAE.

Professional University Student Training organizer

Tatweer for Geophysical Study & Consulting providing training to student of United Arab Emirates University and my responsibility included;

- Preparation of Training Programs.
- Preparation of (Engineering Geophysics) Presentation and deliver to student daily during training.
- Deeply description about data acquisition, processing and interpretation for (Engineering Geophysics).
- Arranging field trip.
- Student weekly report checking.
- Coordination with university employees and student.

Certificates

- IMS (Integrated Management System) from Maxllence Abu Dhabi, UAE.
- Diploma in IT ADVANCE from Super Tech Rawalpindi, Pakistan.
- NEBOSH International General Course (Health and Safety) still studying From Mirdif Institution Dubai.

Membership

- Emirates Society of Geosciences (ESG).
- Society of Exploration Geophysicists (SEG).

Computer Skills

- Shallow Geophysical survey Software(Seismodule Controller, Surfseis, AGI, EarthImager 2D/3D, RES 2D/3D , Reflex win , Radan, Win Logger, Digital Suspension logger, SeisImager, Vibraloc, HIRAT, Hypack, Edge Tech, Electre III, Electre II Software's), Microsoft office and Internet

Bijeesh Kolangara Mohanan

Personal Information

- **Nationality:** Indian
- **Place & Date of Birth:** India, March 13, 1989
- **Marital Status:** Single
- **Visa Status:** Residence Visa
- **Languages:** English, Hindi, Malayalam, Tamil, Telugu



Education

- M.Sc. Applied Geophysics - 2009-2011 - Manonmaniam Sundaranar University, Tamil Nadu, India
Academic Project: "MAGNETIC DATA SURVEY WITH TIME SERIES ANALYSIS" Carried out at: National geophysical research institute Hyderabad Highlights: Field research was carried out in Geo magnetism in and around Hyderabad city.
- B.Sc. Geology - 2006-2009 - Christ College, Kerala, India
- XII- Science - 2004-2006
- X - 2003-2004

Professional Work Experience & Responsibilities

Tatweer for Geophysical Studies and Consulting

Geophysical Engineer

June, 2014 up to date

- Carrying out MASW, GPR, ERT and Seismic Downhole surveys and Processing of the collected data.

Vertex International Pvt. Ltd, Delhi

Exploration Geophysicist

May 2013- May 2014

- Carrying out Magnetic survey at Uganda, Africa for Gold Mine using proton procession Magnetometer and geological mapping

Spectra Geo services, Hyderabad

Junior Geophysicist

August 2011 – April 2013

- Carried out Magnetic survey at Rwanda, Africa for Gold Mine using proton precession Magnetometer.
- Carried out magnetic and Resistivity survey at Muscat, Oman for Chromite mine using PPM and DDR3

Technical Proficiency (Software, Instrument & Devices)

- Surfer
- Grapher
- Surfseis
- Res2dInv
- Microsoft office
- IPI2 win
- GPS- Garmin
- GPS- Trimble TSC3
- Proton precession magnetometer
- Resistivity meter- Super Sting, AGI
- Multichannel Analysis of Surface Waves-Geometrics
- Ground Penetrating Radar-Utility Scan DF-652

Seminars & Workshops Attended

- Attended a one day work shop on “Personality Development and Leadership Qualities”, conducted in Manonmaniam Sundaranar University, Tirunelveli.
- Attended the 4th session of the International Conference of IAG Working Group on Geomorphologic Hazards, Kanyakumari

Field Training

- Resistivity sounding and profiling around the University Campus (2010)
- Conducted Magnetic Survey around the University Campus (2010)
- Visited Conducted the Tsunami affected areas around Kanyakumari region as a part of International Conference on Geomorphologic Hazards held at Kanyakumari (2010)
- Visited the Shankar Cement factory and sample collection (2010)
- Study of beach and beach profile characteristics in Manapad, Tamil Nadu. (2010)

Professional Trainings

- Two day training program about Suerfsies Software from Kanas Geological Survey, Dubai, UAE
- Two day training program about Erath Imager Software from Advanced Geosciences, Inc, Abu Dhabi, UAE
- Two day training program about RES2D/3D Software from Geotomo, Dubai, UAE.

Abdul Samadani

Personal Information

- **Nationality:** India
- **Place & Date of Birth:** India, November 11, 1989
- **Marital Status:** Single
- **Language:** English, Malayalam, Tamil and Arabic



Education

- (M Sc.) Master of Science in Marine Geophysics
Cochin University of Science and Technology, 2014
- (B Sc.) Bachelor of Science in Physics
Calicut University, 2012
- Plus Two, Kerala State Board, 2008
- S.S.L.C, Kerala State Board, 2006

Professional Work Experience & Responsibilities

Tatweer for Geophysical Studies and Consulting

Geophysical Engineer

September, 2014 up to date

- Carrying out MASW, GPR, ERT and Seismic Downhole surveys and Processing of the collected data.

CAPSTONE GEO CONSULTANTS PVT. LTD. Hyderabad (2014)

- Magnetic survey for SAIL project (Jharkand)
- Magnetic and resistivity survey project at Phnum penh (Cambodia)
- Assist and help surveyors in performing field surveys
- Participate in drafting survey notes and creating detailed drawings
- Use technical and digital equipment and tools in order to perform daily activities (GPS Topcon positioning system, Theodolite, Proton precession magnetometer, Resistivity meter)

Project Work

- Estimation of shear wave velocity using Multichannel Analysis of Surface Wave (MASW) method in Ahmedabad. Gujarat, India.
- Description : Site characterization for engineering purposes
- Technologies : SEISMIC METHOD
- Duration : 4months

FIELD TRAINING

- Electrical resistivity tomography (ERT) Training by using AGI Supersting r8 held in Abu Dhabi(UAE) under the guidance of Hasan Aktharakci, Ph.D(Senior Geophysicist/Manager,Advanced Geoscience,Europe)
- MASW (multi-channel analysis of surface wave)/Surfseis workshop held in Dubai (UAE) instructor Julian Ivanov (Kansas geological survey,USA)
- 2-D and 3-D ERT surveys and data interpretation training under the guidance of Dr. Loke Meng Heng (Geotomosoft Solutions).
- Shallow seismic reflection survey using 24 geophones (4.5Hz) carried out in Ahmadabad, Gujarat(2014)
- Seismic refraction survey using geometrics- Geode (Geophone 27Hz) carried out in Gandhinagar, Gujarat(2014)
- Resistivity sounding and profiling around the University Campus (2013)
- Conducted Magnetic Survey around the University Campus (2012)

Computer Proficiency

- Software known: SURFSEIS, GEOPSY, IP2WIN, SEISAN, Earth Imager 2D&3D, Res2div 2D&3D,Radan 7, Grapher, Surfer, Auto cad.
- MS Office (WordTM , ExcelTM , PowerPointTM)
- Basics of hardware
- Operating system: windows Xp, Windows 7, Windows 8 and Linux
- Programming languages: python, mat lab

Professional Trainings

- Two day training program about Suerfsies Software from Kanas Geological Survey, Dubai, UAE.
- Two day training program about Erath Imager Software from Advanced Geosciences, Inc, Abu Dhabi, UAE
- Two day training program about RES2D/3D Software from Geotomo, Dubai, UAE.

Krisha T. Tapales

Personal Information

- **Nationality:** Filipino
- **Place & Date of Birth:** Iloilo City, Iloilo, Philippines, February 16, 1996
- **Marital Status:** unmarried
- **Visa Status:** Residence Visa
- **Language:** Tagalog, English



Education

- Bachelor of Science in Geology University of The Philippines – Diliman Quezon City, Philippines 2013-2017
- Secondary Education Colegio de las Hijas de Jesus Iloilo City, Philippines 2nd Honorable Mention 2009-2013
- Elementary Education Colegio de las Hijas de Jesus Iloilo City, Philippines With Honors 2003-2009

Professional Work Experience & Responsibilities

Tatweer for Geophysical Studies & Consulting

Geological Engineer

February 2018 up to date

- Carrying out MASW surveys processing and AutoCAD operator

Field Experience

Revisiting surface ruptures of the 1990 Luzon Earthquake November 2015

Together with representatives from the Philippine Institute of Volcanology and Seismology (PHIVOLCS) and from the National Institute of Geological Sciences, and Mr. Nakata and company from Japan

- Revisited sites of surface rupture of the Digdig segment of the Philippine Fault System at Nueva Ecija and Pangasinan provinces
- Observed surface manifestations of faults (e.g. offset roads and rivers, triangular facets, pressure ridges, etc)
- Observed differences of aerial and surface photos during rupture versus present condition
- Gathered numerous accounts from residents

Geology of South Central Palawan (Philippines) February 2017

- Produced maps using ArcGis and other mapping softwares during the pre-field preparation

- Measured structures (e.g. fault and joint strike and dip, etc)
- Gathered samples in the field analyzed using various instruments like XRD, XRF, ICPMS, etc.
- Produced a concise geological map and cross sections using structures measured in the field
- Petrographical analysis of rocks samples in thin section
- Identified the provenance of the sedimentary rocks and identified microfossils for age analysis
- Written a report on the geology of South Central Palawan, including a possible geologic history of the area

Microfacies analysis of carbonate rocks from the exposures of Ransang Formation in

- Petrographical analysis of limestones in thin section
- Identification of facies based on fossils present
- Produced a reconstructed diagram of sea level at the time of deposition
- Written a geological report on the microfacies of the carbonate rocks

Seminars & Trainings

- Philippine Mine Safety and Environment Association Conference Baguio City, Benguet November 2017
- National Minerals Industry Student Association Congress Baguio City, Benguet

Personal Strengths

- Passionate and devoted, with recognized ethical standards in all work performed
- Has excellent extra-personal, social and communication skills necessary towards working in a team
- Has huge physical stamina for fieldwork

VYSAKH. ES (GEOPHYSICIST)

Email: sakuttensaku@gmail.com

Mob No: 0544791892(UAE)

: 00919567252282 (IND)



OBJECTIVE

To secure a position where by hard work, dedication and the ability to acquire new skills will advantage any company I work for and to constantly upgrade my knowledge and skills and make a difference in whatever I do.

EXPERIENCE

- Now worked as Geophysicist in Emirates Material Testing lab Al- Ain.
- was worked as Geophysicist in KGWD kerala, from 2017 march to 2018 April
- Was Worked as a Geophysicist in Baynunah Laboratory, Abu Dhabi UAE doing MASW survey and data processing.(Emirati Neighborhood Sayed city package 3 project)
- Was worked as a Geophysicist in Ridings Consulting Engineers India Pvt.Ltd. DELHI from 2014
- Was worked as a Geophysicist in Ruwailan General Contracting Est. Kingdom Of Soudi Arabia.

RESPONSIBILITIES

- Geophysical survey management and supervision of data acquisition.

- **Processing of Seismological data, Multi channel analysis of surface waves (MASW) and Vertical electrical sounding (VES) data using Res2DInv, Surf Seis and IPI2 Win softwares.**
- **Interpretation of Geophysical data**
- **Assisting in preparation of geophysical reports for evaluation of construction sites.**

EDUCATION

M. Sc Applied Geophysics, 2012- 2014

Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu

Percentage of Marks: 78%

B.Sc. Geology, 2009-2012

Calicut University, Kerala

Percentage of Marks: 80%

TYPICAL WORK EXPERIENCE

- **MASW (MultiChannel Analysis Of Surface waves) Data Acquisition And Processing.**
- **Completed Hawia Underground utility mapping project for closed drain system in Saudi Arabia.**
- **Completed Abquiq plant GPR survey for Saudi Aramco under my guidance**
- **Experienced in Underground mapping and Utility Survey by using Ground Penetrating Radar (GPR).**
- **Experienced in Radan Software and Data processing**
- **Experienced in Electronic Pipe Line Locator (EPL) Equipment.**
- **Experienced in Resistivity Survey(ERT) (Ground improvement project, Yas island Abu Dhabi, UAE)**

PROJECT WORK

"Estimation of P-Wave Velocity and Thickness of Subsurface Layer Using Seismic Refraction Method", by using the instrument GEODE at Institute of Seismological Research (I S R), Gandhinagar, Gujarat, India under the guidance of Dr. B. Sairam, Scientist-B.

FIELD WORK / TRAINING

- Resistivity survey (ERT) in Manavala kurichi (Tamilnadu, India) as a part of academic programme.
- Magnetic survey in Tuticorin,(Tamilnadu India) area as a part of academic programme
- Seismic reflection survey, Seismic refraction survey, MASW (Multi-channel Analysis of Surface Wave) in ISR Gujarat as a part of my project work

PERSONAL PROFILE

Father's Name : E M Sukumaran

Date of birth : 19-10-1990

Sex : Male

Nationality : Indian

Languages Known : Malayalam, English, Tamil, and Hindi.

Permanent Address : Edachalil (H)
Velayanad
Vellangallur (P.O)
Irinjalakkuda (via)
Thrissur(Dist)
Kerala (State)
India
Mob. No: +91-9567252282

Moideen Kootteri

Personal Information

- **Nationality:** Indian
- **Place & Date of Birth:** Kerala, India, May 25, 1977
- **Marital Status:** Married
- **Visa Status:** Residence Visa
- **Driving License:** UAE Driving License
- **Language:** Arabic, English, Hindi & Malayalam



Education

- Bachelor of Commerce – April 1998
- National Trade Certificate for 2years Training in Surveyor – July. 1999 to 2001

Professional Work Experience & Responsibilities

Tatweer for Geophysical Studies & Consulting

GPS Land Surveyor

July 2013 up to date

- Perform and conduct various surveying functions including Topographic Surveys and Construction Surveys.
- Conduct and supervised field surveys associated with land surveys.
- Conducting land topographical Surveys.
- Processing top data using TGO,TBC Software
- Calibrating GPS instruments.

Baynunah Laboratories

GPS Land Surveyor

2007 – 2011

Al Ashfaq Gen.Tra. Co.Establishment (Contractor for ADCO)

GPS Land Surveyor

2011 – 2013

Training & Seminars Attended

- Participated in the Trimble Express Seminar on surveying and practical field session on Trimble Monitoring, GNSS, Robotic Total Station, Integrated Surveying, 3D Scanning and infrastructure.
- Attended the training program on ADCO Permit to Work (JP/JO) conducted by Emirates ERM Risk Management & Consultancy

Mohammed Jakir Hussain
S/o Mohammed Taher Pasha

Mobile No: +919704805575
+916309792572

Email: jakeerhussain.survey@gmail.com



CAREER OBJECTIVE:

To associate myself to work in the reputed organization that gives scope to update my knowledge and skill in accordance with latest trends and be a part of team that dynamically works towards the growth of the organization.

ACADEMIC QUALIFICATIONS:

- Intermediate from Arts Junior College.
- S.S.C. Shantiniketan High School Karimnagar.

STRENGTHS:

- Good team player.
- Excellent analytical skills.
- Quick learner
- Hardworking, commitment, dedication.

TECHNICAL SKILLS:

- Land Surveyor

EXPERIENCE

- Worked as a Land Surveyor in NAVAYUGA SPATIAL TECHNOLOGIES L.L.C , Abu Dhabi for the period of 8 months.
- Worked as a Land Surveyor in Bhart Survey Hyderabad for the period of 4 years.
- Worked as a Land Surveyor in Saudi Condreco Ltd, Jeddah K.S.A for the period of 1 year .

Passport Details:

- Passprt No : K6889430
- Passport Issued : Hyderabad
- Passport Issue Date : 16-10-2012
- Passport Expiry Date : 15-10-2022

PERSONAL DETAILS :

Name : **Mohammed Jakir Hussain**

Father's Name : Mohammed Taher Pasha

Date of Birth : 08-02-1989

Nationality : Indian

Marital Status : Unmarried

Languages Known : Hindi, English, Urdu &Telugu.

Address : Mohammed Jakir Hussain
H.No: 6-6-176.
Sahetnagar

Ali Mohammed Hassouneh

Personal Information

- **Nationality:** Jordanian
- **Place & Date of Birth:** June 13, 1993
- **Marital Status:** Single
- **Visa Status:** Residence Visa
- **Driving License:** UAE Driving License
- **Language:** English, Arabic



Education

- Bachelors of Management information system (MIS) Al-Balqa' Applied University
- High School – Literary Path
- Accounting Course from Al Khwarizmi College

Professional Certificates

- Communication skill Course.
- Accounting Course from Al Khwarizmi College

Professional Work Experience and Responsibility

- **Tatweer for Geophysical Studies & Consulting**
Financial and Administrative
October 2015 up to date

TATWEER COMPANY PROFESSIONAL CATEGORY IN UAE MUNICIPALITIES

بيانات الشركات الجيوفيزيائية المؤهلة من قبل بلدية مدينة العين

دائرة التخطيط العمراني والبلديات
DEPARTMENT OF URBAN PLANNING
AND MUNICIPALITIES
بلدية مدينة العين
AL AIN CITY MUNICIPALITY

classification	Company Name	Person to Contact	Mobile	Tel	Fax	P.O.BOX	Email
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	Baynunah laboratories	Yousif Al Sabh Hosam Arafat	0506134194 0501564109	024480500	024480803	P.O.Box:29048 Abu Dhabi UAE	best@eim.ae
	Tatweer	Mohammed Hassouneh	0503280645	024041480	024432404	P.O.Box136800 Abu Dhabi UAE	mhassouneh@tatweer-abudhabi.ae m.almarzouqi@tatweer-abudhabi.ae
B	AlHai and AlMukaddam for Geotechnical works	Aziz Zeraidi	0502374402	025508042	025508046	P.O.Box 132634 Abu Dhabi UAE	a.zeraidi@ahamgeo.com
	Capital Surveys	Sajid	0554067973	026775609 043383655	026775619 043383665	P.O.BOX 28318 Abu Dhabi UAE P.O.Box 116568 Dubai UAE	cpsurvey@emirates.net.ae s.jalili@capital-surveys.com
	Matrix Laboratory	Federico Pellegrini	0526224097	025513354	025513324	P.O.Box:105710 Abu Dhabi UAE	matrixlab@eim.ae
	Orbit	Falah Hamdi	0508187840	026715577 (ext. 108)	026781164	P.O.Box 46178 Abu Dhabi UAE	ogc_uae11@eim.ae ogc_uae11a@eim.ae
C	Al Masfoufa Engineering Laboratory	Abdul Qader H.Abrash	0506431575	03 7223265	037223264	P.O.Box:84618 Al Ain UAE	abedabrash@almasfoufaengineering.ae
	Delma Laboratory	Mohammed Jamal Salameh	0502688464	025553248	025553112	P.O.Box:30584 Abu Dhabi UAE	delmalab@eim.ae delmalab@yahoo.com
	Emirates Center for Materials Testing	Mohammed Alfatih Ahmed	0589787445	037222223	037214848	Letaag , Senaeiyah AlAin UAE	mohamed.afatih@gmail.com
	Gulf Laboratory	Dr. Rashed A. Jaradat	0556220616	025568840	025568832	P.O.Box 113024 Abu Dhabi UAE	Gulflab1@eim.ae
	Geoscience Geophysical & Geological Studies & Consulting	Mohamed Tantawy	0566133410	025588033	025588947	P.O.Box:60213 Abu Dhabi UAE	Mohamed.tantawy@geoscience-eg.com
	Prime Geo Consult	Bashir Ibrahim	0509528448	025515100		P.O. BOX: 9169 Musaffah M4 Abu Dhabi	info@primegeoconsult.com
	Smart Projects For Geophysical Studies	AbdelNasser Hawis	0509335933	03 7211121	03 7211121	P.O.Box: 220193 AlAin /UAE	Smartprojects.gc@gmail.com
	TerraEye	Khalid Saleh	0501860000	037661970	037661971	P.O.Box 8541 Dubai UAE	Khalid@terraeye.com



مندوق خليفة لتطوير المشاريع
Khalifa Fund for Enterprise Development



PROJECTS COMPLETED BY TATWEER

MAJOR PROJECTS COMPLETED BY TATWEER

S/ No.	Project Name	Client Name	Geophysical Techniques
1	Geophysical surveys at the main access bridge from Abu Dhabi to Al Maria island along 10th street.	Abu Dhabi Municipality	MASW & GPR
2	Underground Utility Detection Over A Small Portion Of The Natural Protected Area	Meydan Group	GPR
3	Detection of leakage along the firefighting pipe at qaser al sarab hotel near Hameem Abu Dhabi, UAE.	Al Jaber Engineering & Contracting (ALEC)	GPR
4	Abu Dhabi International Airport Terminal 1 Arrivals Hall and Tunnel Construction	Al Jaber Engineering & Contracting (ALEC)	GPR
5	Identification Of Unmarked Graves at Al Corniche Cemetery, Abu Dhabi, UAE.	Corniche Hospital	GPR
6	Underground Utility Detection at AUH Airport, UAE.	Alemco-Al Jaber	GPR & Topo Survey
7	Non-invasive geophysical testing for all soil types, including residual soils and fractured soft rock. Abu Dhabi, UAE.	Pioneer Partners International	MASW & ERT
8	Evaluation of Geological Hazards for the Proposed Chiller Plant Plot at Abu Dhabi Airport, Abu Dhabi, UAE.	Abu Dhabi Airports company	MASW & ERT
9	Topographical survey Baniyas & Bateen Graveyard, Abu Dhabi, UAE.	Abu Dhabi Municipality	Topographical Survey
10	Geophysical investigation at proposed residential complex at plot no. 71-03-050-2, Makhoola, Remah, Al Ain, UAE	Musanda	MASW & Topo, GIS
11	Geophysical Investigation at AL MAKTOUM Airport, Dubai, UAE.	Dar Al Handasah	MASW & ERT
12	Geophysical Investigation at Mauzan Sewing Industrial City, Al Ain	Mauzan	MASW
13	Geophysical Investigation at Proposed Construction & Maintenance of Officers Villas Musaffah, Abu Dhabi, UAE	Square General Contracting L.L.C	MASW & ERT
14	Geophysical Investigation To Assess/Evaluate The Geological Hazardss Under The Proposed Commercial Building In Hai Qeasaidah, Plot No. 18-06-137-199, Al Ain, UAE. FOR HER HIGHNESS SHEIKHA SALAMA BINT ZAYED AL NAHYAN	Ad House	MASW & ERT, GIS
15	Geophysical Investigation of Proposed Construction New Hotel in Delma Island Plot No: P232, Western Region, Abu Dhabi, UAE (H.H Sheikh Mohammad Bin Saif Mohammad Al Nahyan)	A.D.D Consultants	MASW & Topographical



مندوقية خليفة لتطوير المشاريع
Khalifa Fund for Enterprise Development



16	Geophysical Investigation of Proposed Construction New Hotel in Delma Island Plot No: P232, Western Region, Abu Dhabi, UAE	H.H Sheikh Saif	MASW & Topographical
17	Geophysical Investigation at Proposed Construction of Dual Road between Sarooj and Sanaiya Area, Al-Ain, UAE.	Halcrow	MASW & GIS
18	Geophysical Investigation of Proposed Construction ADOS Oil Services Workshops & Office Building in Plot No-2AR16, ICAD-II, Musaffah, Abu Dhabi, UAE.	ADOS	MASW
19	Geophysical Investigation for Roads and Infrastructural in Mohammed Bin Zayed City, Abu Dhabi, UAE.	Altorath Consulatnt	MASW & ERT
20	Geophysical Investigation Proposed Construction of new Internal Roads and Infrastructure in Shakhbout City-Abu Dhabi, UAE.	Ghantoot Group	MASW & ERT
21	Geophysical Investigation at Proposed Construction of Zayed City Infrastructure Package 1- South Spine Works, Abu Dhabi, UAE.	Tristar	MASW & ERT

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar), Geographic information System(GIS)

ALL PROJECTS COMPLETED BY TATWEER

S/ No.	Project Name	Client Name	Geophysical Techniques
Year 2013			
1	Geophysical surveys at the main access bridge from Abu Dhabi to Al Maria island along 10th street.	Abu Dhabi Municipality	MASW & GPR
2	Geophysical Investigation Dry Duck, Dubai, UAE	Matrix Lab Dubai	MASW
3	Downhole tests in Dubai, UAE.	Matrix Lab Dubai	Downhole Seismic Test
4	Geophysical Study At Suweihan, Al Ain, UAE.	Al Suweidi Engineering consultants Bureau	MASW
5	Down-hole Seismic Test at Dubai Lagoon, UAE.	Matrix Lab Dubai	Downhole Test
6	Down-hole Seismic Reports	Qatar Industrial Lab	Downhole Test
7	Down-hole Seismic Test at Dubai Marina, UAE.	Matrix Lab Dubai	Downhole test
8	Down-hole Seismic Test at Dubai Lagoon Dubai UAE.	Matrix Lab Dubai	Downhole Test
9	Geophysical Investigation At Proposed Poultry Farm Plot # 59-04-801-253 Al Jeeah Al Ain, UAE.	Arco Engineering Consulting Engineers LLC	MASW & GIS
10	Underground Utility Detection Over A Small Portion Of The Natural Protected Area	Meydan Group	GPR
11	Detection of leakage along the firefighting pipe at qaser al sarab hotel near Hameem Abu Dhabi, UAE.	Al Jaber Engineering & Contracting (ALEC)	GPR
12	Abu Dhabi International Airport Terminal 1 Arrivals Hall and Tunnel Construction	Al Jaber Engineering & Contracting (ALEC)	GPR
13	Construction Of Midfield Terminal Building, Abu Dhabi, UAE.	Material Lab Dubai	ERT
14	Geophysical Investigation Works at Corniche Road Subsidence, Abu Dhabi, UAE.	Khalaf Sultan General Contracting Est.	GPR & ERT
15	Identification Of Unmarked Graves at Al Corniche Cemetery, Abu Dhabi, UAE.	Corniche Hospital	GPR
16	Underground Utility Detection at AUH Airport, UAE.	Alemco-Al Jaber	GPR & Topo Survey



مندوقية خليفة لتطوير المشاريع
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17	Non-invasive geophysical testing for all soil types, including residual soils and fractured soft rock. Abu Dhabi, UAE.	Pioneer Partners International	MASW & ERT
Year 2014			
1	Evaluation of Geological Hazards for the Proposed Chiller Plant Plot at Abu Dhabi Airport, Abu Dhabi, UAE.	Abu Dhabi Airports company	MASW & ERT
2	Topographical survey Baniyas & Bateen Graveyard, Abu Dhabi, UAE.	Abu Dhabi Municipality	Topographical Survey
3	Geophysical Investigation Of Construction Of New Poultry Farm, Al - Ajban, Plot No. 52-01-802-465, Al Ain, UAE.	Al Falaj Eng. Consultant	MASW & GIS
4	Evaluation Of Sub Surface Condition Using Seismic Shear Wave Velocity Analysis At Proposed Labor Office Site, Plot No. 05-10-002-014, Al Jimi, Al Ain, UAE.	Al Torath Consulting Engineering	MASW & GIS
5	Al Maktoum Intl. Site Investigation Package-1, Dubai, UAE.	Dubai Aviation Engineering Projects	MASW & ERT, Topo
6	Geophysical investigation at proposed residential complex at plot no. 71-03-050-2, Makhoola, Remah, Al Ain, UAE	Musanda	MASW & Topo, GIS
7	Geophysical investigation of in plot no. 63-01-094-016, Al Salamat 1, Al Ain, UAE.	Al Bahir Consultant Engineering	MASW & GIS

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar), Geographic information System (GIS)

S/ No.	Project Name	Client Name	Geophysical Techniques
8	Geophysical Investigation At Emirates Plastic Factory, Plot No. 66-02-010-036, Mafqar-2, Industrial City, Al Ain, UAE.	Mobadara	MASW & GIS
9	Geophysical Investigation At Mauzan Sewing Factor, Plot No. 66-02-033-8, Mafqar-2, Industrial City, Al Ain UAE.	Rash Consultant	MASW & GIS
10	Geophysical Investigation at Commercial Building in Hai Al Nad, Al Qattara, Plot No.04-07-119-105, Al-Ain, UAE.	Ad House	MASW & GIS
11	Geophysical Investigation At Commercial Building In Asharej, Bida Bin Ammar Plot No. 13-02-004-020, Industrial City, Al Ain UAE.	Granada Arc & Consulting Engineers	MASW & GIS
12	Geophysical Investigation At Proposed Commercial Building In Asharej, Bida Bin Ammar, Plot No. 13-02-004-022, Al Ain, UAE.	Beirut Engineering Consulting Bureau	MASW & GIS
13	Geophysical Investigation At Proposed Labour Accomodation In Mafqar-1, Plot No. 66-01-059-048, Al Ain, UAE.	Shankland Consultant	MASW & GIS
14	Geophysical Investigation To Assess/Evaluate The Geological Hazardss Under The Proposed Commercial Building In Hai Qeasaidah, Plot No. 18-06-137-199, Al Ain, UAE. FOR HER HIGHNESS SHEIKHA SALAMA BINT ZAYED AL NAHYAN	Ad House	MASW & ERT, GIS
15	Geophysical Investigation At Proposed Commercial Property/Private Hospital At Plot No. 06-04-010-001, Al Towayya Eidan Al Ridda, Al Ain, UAE	Sth Society Technology House	MASW & GIS
16	Al Habtoor 4 Star Hotel, Plot No 3670599 – Umm Al Sheif ,Dubai, U.A.E.	Geoconsult	Downhole Test



مندوقية خليفة لتطوير المشاريع
Khalifa Fund for Enterprise Development



17	Evaluating Of The Cavities In The Micro Tunnelling Works In Plam Jumaira Dubai	Al Manbaa Drilling Est.	GPR & ERT, MASW
18	Geophysical Survey at Marfa Port Land Side Development Phase-1, Marfa, Western Region, Abu Dhabi, UAE.	Alba Tec Construction & Development	MASW & ERT
19	Demarcation of the Under Ground Utilities along the Horse Track Lines, Meydan, Dubai, UAE.	Meydan Group	GPR& Topographical
20	Extension Development & Renovation of Mazyed Branch at Plot No.22-01-075-1 in Wadi Al Ain-1, Al-Ain-UAE.	Al Torath Consulting Engineering	MASW & Topographical, GIS
21	Geophysical Investigation of Proposed Residential Villas in Plot No.026-000-000-24, Madinat Zayed, Western Region, Abu Dhabi, UAE.	Al Wadi consultant	MASW & GIS
22	Geophysical Investigation of Proposed Construction in Plot No.025-063-000-24, Al Nashash, Abu Dhabi, UAE.	Delma Lab	MASW
23	Geophysical Investigation of Proposed Construction Residential Villa in Plot No.027-009-000-525, Ghayathi, Abu Dhabi, UAE	Geometric Consulting Engineers	MASW
24	Geophysical Investigation of Proposed Construction New Hotel in Delma Island Plot No: P232, Western Region, Abu Dhabi, UAE (H.H Sheikh Mohammad Bin Saif Mohammad Al Nahyan)	A.D.D Consultants	MASW & Topographical
25	Geophysical Investigation of Proposed Construction Residential Villa in Plot No.027-009-000-519, Ghayathi, Abu Dhabi, UAE.	Royal Palace Engineering Consultancy	MASW
26	Proposed Al Dahra Kohinoor Rice Mill At Kizad -6 Taweela Abu Dhabi, U.A.E	ERI	Downhole Test
27	Royal Gardens Redidentail Building, Plot No.6450123, Wadi-Al Safa 3, Dubai, U.A.E	Geoconsult	Downhole Test

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
28	Al Warsan Villa Project Dhabi, U.A.E	Lonestar	Downhole Test
29	Geophysical Site Investigations For Environmental Assessment over The Proposed Construction Of Al Zahia City Center Plot No. (964/A) At Muwailah Commercial Sharjah - U.A.E	Majid Al Futtaim Properties Llc	GPR & MASW Topographical
30	Geophysical Investigation at Proposed Construction of Temporary worker compound in Plot No.026-063-000-T184, Habshan Abu Dhabi, UAE.	Mc Connell Dowell ME LLC	MASW
31	Geophysical Investigation of Proposed Construction of Villa in Plot No. 026-015-000-45, Western Region, Abu Dhabi, UAE.	Obaid Ali Murshid Khamees Al Marar	MASW
32	Geophysical Investigation of Proposed Construction Villa in Plot No. 026-054-000-194, Western Region, Abu Dhabi, UAE.	Zawaya Consulting Engineers	MASW)
33	Geophysical Investigation at Proposed Construction of Private Villa at Plot No. 025-378-000-8 in Hamroor, Western Region, Abu Dhabi, UAE.	Al Wadi Engineering Consultant	MASW)
34	Geophysical Investigation at Proposed Shops Construction in Plot No. T7, Western Region, Abu Dhabi, UAE.	System Engineering Consultant	MASW
35	Geophysical Investigation at Proposed Construction & Maintenance of Officers Villas Musaffah, Abu Dhabi, UAE	Square General Contracting L.L.C	MASW & ERT
36	Geophysical Investigation at Proposed Construction of Labour Camp in Plot No.027-000-000-T269, Ghayathi, Al Ruwais Industrial, Abu Dhabi, UAE	Zawaya Consulting Engineers	MASW
Year 2015			
1	Geophysical Investigation of Proposed Construction New Hotel in Delma Island Plot No: P232, Western Region, Abu Dhabi, UAE	H.H Sheikh Saif	MASW & Topographical
2	Geophysical Investigation of Proposed Expansion of Mirfa Hotel in Plot No.P120,Al Mirfa City, Western Region, Abu Dhabi, UAE.	Alewan	MASW
3	Geophysical Investigation of Proposed Construction of Labor Accommodation Camp in Plot No. 082-111-000-T63, Al Mirfa10, Al Mirfa City Western Region, Abu Dhabi, UAE.	Al Masfoufah	MASW



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4	Geophysical Investigation of Proposed Construction Villa in Plot No: 025-394-000-219, Jarmada, Liwa, Western Region, Abu Dhabi, UAE	Delma lab	MASW
5	Geophysical Investigation of Proposed Construction Al Garbia Plastic Factory in Plot No. 106, Jiffin, Liwa, Western Region, Abu Dhabi, UAE.	Delma lab	MASW
6	Geophysical Investigation at Proposed Extension Development & Renovation of Mazyed Branch, Plot No.22-01-075-1 in Wadi Al Ain-1 Al-Ain-UAE.	AL Torath	MASW
7	Geophysical Investigation of Proposed Construction Civic Center in Plot No. P551, Al Marfa, Western Region, Abu Dhabi, UAE	Delma lab	MASW
8	Geophysical Investigation of Proposed Construction Masjid in Plot No. P1201, Al Tharwaniyyah, Liwa, Western Region, Abu Dhabi, UAE.	Mzayad International Construction	MASW

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
9	Geophysical Investigation at Proposed Construction of Company Camp and Store in Plot No. 22-01-010-21, Al Kharir, Wadi Al Ain 1, Al-Ain, UAE.	Al Byena Consultant	MASW
10	Geophysical Investigation at Proposed Residential Complex at Plot No.71-03-050-2 in Makhoola, Remah, Al-Ain, UAE.	Nael Bin Harmal	MASW &GIS
11	Geophysical Investigation at Proposed Commercial Real Estate Car Wash in Plot No. 63-01-094-16, Al Salamat 1, Al Ain, UAE.	Al Bahar Consultant	MASW &GIS
12	Geophysical Investigation of Proposed Restaurant (Area-2) in Plot No.P120 Al Mirfa City, Western Region, Abu Dhabi, UAE.	Alewan	MASW
13	Geophysical Investigation of Proposed Additional Villas(Area-3) in Plot No.P120 Al Mirfa City, Western Region, Abu Dhabi, UAE.	Alewan	MASW
14	Geophysical Investigation of Proposed Extension of Villa in Plot No. 162 Al-Marfa, Western Region, Abu Dhabi, UAE	Delma lab	MASW
15	Geophysical Investigation of Proposed Al Wajeha Al Bahria Mixed Use Project in Plot No. P512 (Block-C), Al-Marfa, Western Region, Abu Dhabi, UAE	NTCC	MASW
16	Proposed Residential & Mixed used Building in Plot No. P426, Al-Marfa, Western Region, Abu Dhabi, UAE	NTCC	MASW
17	Proposed Residential & Mixed used Building in Plot No. P427, Al-Marfa, Western Region, Abu Dhabi, UAE	NTCC	MASW
18	Geophysical Investigation to Assess/Evaluate the Geological Hazards under the Proposed Labor Accommodation and Stores in Plot No. 22-01-046-1: Al Khair, Wadi Al Ain-1, Al-Ain, UAE.	Al Qassam Consultant	ERT &GIS



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19	Geophysical Investigation at Proposed Construction of Dual Road between Sarooj and Sanaiya Area, Al-Ain, UAE.	Halcrow	MASW & GIS
20	Geophysical Investigation of Proposed Construction Masjid in Plot No.1001 Liwa, Western Region, Abu Dhabi, UAE	Black Series	MASW
21	Geophysical Investigation of Proposed Construction Car Sales Showroom & Services Centre, Plot No.T1006, Western Region, Abu Dhabi, UAE.	Geoscience	MASW
22	Geophysical Investigation of Proposed Construction Aircraft Rescue and Firefighting Building, SIR Baniyas Island, Western Region, Abu Dhabi, UAE	Matrix Lab	MASW
23	Geophysical Investigation of Proposed Construction Villa in Plot No. 100A, Sector: MZW-23, Zayed City, Western Region, Abu Dhabi, UAE.	Delma lab	MASW
24	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No. 51-02-014-15, Ramlat, Al Shuwaib, Al-Ain, UAE.	Al Qassam Consultant	MASW & GIS
25	Geophysical Investigation of Proposed Construction of Retail Center in Plot No. 07-02-015-005, Al Khabisi- Al-Ain, UAE.	Pioneer	MASW & GIS
26	Geophysical Investigation of Proposed Construction of Commercial & Residential Building, Plot No. 026-042-000-R8, Sector MZW-16, Western Region, Abu Dhabi, UAE.	Hannover	MASW& Topographical
27	Geophysical Investigation at Proposed Construction of Private Store in Plot No. 22-01-074-3-Al Khair-Wadi Al Ain 1, Al-Ain, UAE.	Lead Consultant	MASW & GIS

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
28	Geophysical Investigation at Proposed Construction of Accommodation Unit in Plot No. 22-01-083-005, Al Khrair, Wadi Al Ain 1, Al-Ain, UAE.	Lead Consultant	MASW & GIS
29	Geophysical Investigation at Proposed Construction of Private Store in Plot No. 22-01-074-005, Al Khrair, Wadi Al Ain 1, Al-Ain, UAE	Lead Consultant	MASW & GIS
30	Geophysical Investigation of Proposed Extension Boundary wall in Plot No-125, MR5, Marfa Western Region, Abu Dhabi, UAE	Matrix	MASW
31	Geophysical Investigation of Proposed Extension Boundary wall in Plot No-190, MR5, Marfa Western Region, Abu Dhabi, UAE	Matrix	MASW
32	Geophysical Investigation of Proposed Extension Boundary wall in Plot No-199, MR5, Marfa Western Region, Abu Dhabi, UAE.	Matrix	MASW
33	Shallow-Seismic Site Characterizations of Near-Surface Geology At Plot No. T5 in Sector MZE22, Madinat Zayed, Western Region, Abu Dhabi, UAE.	NTCC	MASW
34	Shallow-Seismic Site Characterizations of Near-Surface Geology at Plot No. 22-01-055-18 in Al Khrair, Wadi Al Ain-1, Al Ain UAE.	ARCH Design Centre- Consulting Engineers	ERT
35	Geophysical Investigation of Proposed Construction Labor Camp in Plot No. T38, Asab, Liwa City, Western Region, Abu Dhabi, UAE	Delma lab	MASW
36	Shallow-Seismic Site Characterizations Of Near-Surface Geology Between Mh A2-36 & Mh A2-37, Shakhboub City, ABU DHABI, UAE.	Material Lab	MASW & ERT
37	Geophysical Investigation at Proposed Construction of Residential Building in Plot No. C18/C18a, Reem Island, Abu Dhabi, UAE.	National Survey Engineering	MASW & ERT
38	Shallow-Seismic Site Characterizations Of Near-Surface Geology At Plot No. P11a In Western Region, Abu Dhabi, UAE.	Geoscience	MASW



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39	Shallow-Seismic Site Characterizations Of Near-Surface Geology At Plot No. P12a In Western Region, Abu Dhabi, UAE.	Geoscience	MASW
40	Shallow-Seismic Site Characterizations Of Near-Surface Geology At Plot No. 027-009-000-P1235 In Ghayathi, Western Region, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW
41	Shallow-Seismic Site Characterizations Of Near-Surface Geology At Plot No. 026-009-000-P67 In Zayed City, Western Region, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW
42	Geophysical Investigation of Proposed Construction Gharbiya Cement Products Factory In Plot No- T16, Madinat Zayed, Western Region, Abu Dhabi, United Arab Emirates.	Haniyah Consultant	MASW
43	Geophysical Investigation at Proposed Construction of Masjid in Plot No. 55-01-004-21, Al Yahar, Al-Ain, UAE	Al Qassam Consultant	MASW

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
44	Geophysical Investigation of Proposed Construction Masjid Afra'a Hamdan Al Mansouri, Plot No.P1015,Al Sila city, Western Region, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW
45	Geophysical Investigation Proposed Construction Extension Building of Commercial Property/Private Hospital in Plot No. 05-10-011-029, Al Jimi, Civic Center, Al Ain, UAE.	Emirates Hospital	ERT & MASW, GIS
46	STAGE 2: Geophysical Investigation at Proposed Commercial Building in Plot No. 1806-137-199, Hai Qesaidah, Al Ain city, UAE.	AD House/H.H. Shiekh Salama	ERT& Topographical
47	Geophysical Investigation at Proposed Construction of Masdar District Cooling Plant in Plot No. C52, Sector SE45, Khalifa City, Abu Dhabi. UAE	Masdar	ERT & MASW
48	Geophysical Investigation of Proposed Construction Resort in Plot No. P1001, Dalma Island , Western Region, Abu Dhabi, United Arab Emirates	Delma lab	Masw
49	Geophysical Investigation of proposed construction of Deep Trunk Sewer between MH A2-34-3, MH A2-34-4 & MH A2-34-5, Shakhbout City, Abu Dhabi, UAE.	Material Lab	MASW & ERT
50	Geophysical Investigation at Proposed Construction of Ware House in Plot No. 24-05-017-23, Al Safrah, Al-Ain, UAE	AL Masfoufah	MASW & GIS
51	Geophysical Investigation of Proposed Construction Al Shabya AL Gadida Plot No.P1027, Western Region, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW
52	Geophysical Investigation of Proposed Construction Villa in Plot No-76, Sector MZW 12 ,Madinat Zayed, Western Region, Abu Dhabi, United Arab Emirates.	Lotus	MASW
53	Geophysical Investigation of Proposed Construction School Bus Station, Vehicle center & Technical Service center in Plot No. P1047, Ghayathi, Western Region, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW



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54	Geophysical Investigation of Proposed Construction Masjid in Plot No-T1202, Al Haramiya, Al Marfa, Western Region, Abu Dhabi, United Arab Emirates	Geo Arab Tech	MASW
55	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM2588, Al Sila, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
56	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM2848, Al Sila, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
57	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM1001, Al Sila, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
58	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM1002, Al Sila, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
59	Geophysical Investigation at Proposed Construction of Labor Camp in Plot No. 22-01-055-4, Wadi Al Ain, Al Khurair, Al-Ain, UAE.	AL Masfoufah	MASW
60	Geophysical Investigation of Roads Settlement In Sector F-2, Mafraq City, Abu Dhabi City. UAE.	Geoscience	MASW & ERT
61	Geophysical Investigation at Plot No-GSM2026, Madinat Zayed, Western Region, Abu Dhabi, United Arab Emirates.	Terrasearch	MASW

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
62	Geophysical Investigation at Plot No-GSM2664 Liwa, Western Region, Abu Dhabi, United Arab Emirates.	Etisalat	MASW
63	Geophysical Investigation at Plot No-GSM2852 Liwa, Western Region, Abu Dhabi, United Arab Emirates.	Etisalat	MASW
64	Geophysical Investigation at Proposed Construction of Poultry Farm, Plot No. 57-05-802-281, Ramlat Sweihan, Al-Ain, UAE	Taikos Consultant	ERT & GIS
65	Geophysical Investigation at Proposed Construction of Company Camp and Warehouse in Plot No. 66-01-057-004, Mafqar 1, Industrial City, Al-Ain, UAE.	AL Masfoufah	MASW & GIS
66	Geophysical Investigation of Proposed Construction of 132/11kV Substation at new Shakhbout and Ruwdat city, Abu Dhabi – UAE.	ERI	ERT
67	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No. 13-02-004-28, Bida Bin Ammar, Al-Ain, UAE.	Gulf Eagle Contracting	MASW & GIS
68	Geophysical Investigation of Proposed Construction School Bus Station, Vehicle center Technical Service center & Vehicles Inspection in Plot No. P26. Western region Abu Dhabi.UAE.	Abu Dhabi Lab	MASW
69	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2656, Al Marfah, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
70	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2550, Al Radeem, Tarif, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
71	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 13-02-002-34, Bida Bin Ammar, Asharej, Al-Ain, UAE.	Scantech	MASW & GIS



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72	Geophysical Investigation Proposed Road And Infrastructure - Khalifa Bin Zayed City Zone- 4, (Hw-E20), Abu Dhabi, UAE.	Al Jimi Partners	ERT
73	Geophysical Investigation Proposed Construction of Emirates Transport Vehicles Inspection Center in Plot No. 67-01-801-273, AL Saad, Al-Ain, UAE.	Emirates Transport	MASW & GIS
74	Geophysical Investigation of Proposed Construction Labor Camp in Plot No. 22-01-040-66, Wadi Al Ain-1, Al-Ain, UAE.	Al Marjan	MASW & GIS
75	Geophysical Investigation at Proposed Construction of Store in Plot No. 22-01-068-17, Wadi Al Ain-1, Al-Ain, UAE	AL Masfoufah	MASW & GIS
76	Geophysical Investigation of Proposed Development Technical Service center & Vehicles Inspection in Plot No. P6. Western Region, Abu Dhabi, United Arab Emirates.	Abu Dhabi Lab	MASW
77	Geophysical Investigation of Proposed Construction New addition GYM building, Restaurant and Houses for Al Dhafra Sports & Cultural Club in Plot No. P6, MZW4, Madinat Zayed, Western Region, Abu Dhabi, United Arab Emirates.	Al Dhafrah	MASW
78	Geophysical Investigation at Plot No-GSM 2306, at Sabkhah, Liwa , Western Region, Abu Dhabi, United Arab Emirates.	Etisalat	MASW

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
79	Geophysical Investigation at Plot No-027-063-000-GSM 2614, Ghayathi , Western Region, Abu Dhabi, United Arab Emirates.	Etisalat	MASW
80	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2711,Al Marfah, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
81	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2844,Al Marfah, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
82	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2859,Al Finah, Liwa, Western Region, Abu Dhabi, UAE.	Etisalat	MASW



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83	Geophysical Investigation of Proposed Construction Masjid Shaabiet Marabee in Plot No. P4, MZW-16, Madinat Zayed, Western Region Abu Dhabi	Abu Dhabi Lab	MASW
84	Geophysical Investigation of Proposed Construction Masjid Saeed Rashid Al Mazroei in Plot No. P105, MR-1, Al Marfah, Western Region, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW
85	Geophysical Investigation of Proposed Construction Masjid Sayah habeeb Al Mazroei in Plot No. P210, MR-5, Al Marfah, Western Region, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW
86	Geophysical Downhole Seismic Survey at the proposed construction of five Star Hotel, Al Merkadh, Dubai -UAE.	Matrix Lab Dubai	Downhole
87	Geophysical Investigation of Proposed Construction Commercial Villa in Plot No. 15-15-023-25, Al Ghail, Al Mutaredh, Al-Ain, UAE.	Al Masfoufah	MASW & GIS
88	Geophysical Survey in Shekhboot City -Villa	Shaker Ahmed Al Balushi-	ERT
89	Geophysical Investigation of Proposed Construction of Masjid in Plot No. 18-15-013-66, Central District, Al Nyadat, Al-Ain, UAE	Al Qassam Consultant	ERT
90	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM200, Dalma Al Jadeedah, Dalma Island, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
91	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM2132 Dalma Island, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
92	Geophysical Investigation of Proposed Construction Emirates Transport Al Qua'a Station in Plot No. 95-06-803-477, Al Ruqayaat, Al Quaa, Al-Ain, UAE.	Emirates Transport	MASW
93	Geophysical Investigation of Proposed Construction of Emirates Transport Al Hayer Station in Plot No. 55-06-802-216, AL Hayer, Al-Ain, UAE.	Emirates Transport	MASW
94	Geophysical Investigation at Proposed Construction of Extension Private Villa in Plot No. 18-15-005-2, Al Nyadat, Al-Ain, UAE.	AL Masfoufah	MASW & GIS
95	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM2426 Al Mirfa, Abu Dhabi, UAE.	Etisalat	MASW
96	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM2785 Ghayathi, Western Region, Abu Dhabi, UAE.	Etisalat	MASW

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
97	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 24-05-020-3, Al Safrah, Al-Ain, UAE.	Garanda	MASW & GIS
98	Geophysical Investigation of Proposed Construction of Commercial Building in Plot No. 07-02-013-23A, Al Khabisi, Al Meryal, Al-Ain, UAE.	AL Masfoufah	MASW & GIS
99	Geophysical Investigation of Proposed Construction of Industrial building in Plot No. 24-05-017-39, Al Safrah, Al-Ain, UAE	Al Qassam Consultant	MASW & GIS
100	Geophysical Investigation of Proposed Construction of Villa in Plot No. 13-02-046-010, Asharej, Al Ain, UAE	Al Marjan	MASW & GIS
101	Geophysical Investigation of Proposed Construction of Commercial Building in Plot No. 18-15-137-279, Al Nyadat, Al-Ain, UAE.	AL Masfoufah	MASW & GIS
102	Geophysical Investigation Proposed Construction of Commercial Villa in Plot No. 13-02-007-036, Bida Bin Ammar Asharej, Al Ain, UAE.	Al Fahajan	MASW & GIS
103	Geophysical Investigation of Proposed Construction Commercial Villa in Plot No. 14-08-034-10, Al Muwaji, Al Ruwaikah, Al-Ain, UAE.	Al Qassam Consultant	MASW & GIS
104	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM2662, Al Sila city, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
105	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM2087, Ghayathi, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
106	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM2786, Ghayathi, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
107	Geophysical Investigation of Proposed Construction of private villa in Plot No-94-MSH6, Shakhbout City, Abu Dhabai, UAE	Delma Lab	MASW & ERT
108	Geophysical Investigation of Proposed Construction Villa in Plot No. 05-03-016-3, Al Ameriya, Al Jimi, Al-Ain, UAE.	Granada	MASW & GIS



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109	Geophysical Investigation of Proposed Construction Commercial Villa in Plot No. 14-04-030-51, Al Muwaji, Majlood, Al-Ain, UAE.	Arch contractor	MASW & GIS
110	Geophysical Investigation of Proposed Construction Company Camp in Plot No. 22-01-056-8, Wadi Al Ain 1, Al Ain, UAE.	Al Salam Consultant	MASW & GIS
111	Geophysical Investigation at Proposed Construction of Villa and services Block in Plot No. 003-191-000-125, MSH5, Shakboot City, Abu Dhabi, UAE.	Tower Consultant	MASW & ERT
112	Geophysical investigation of Proposed Construction Villa in Plot No. C-127, Sector: ME-9, Mohammad Bin Zayed City, Abu Dhabi, UAE.	Delma lab	MASW & ERT
113	Geophysical Investigation of Proposed Construction Abu Dhabi Future School - Phase 5 in Plot No. P21, Sector-Z35, Mohammad Bin Zayed City, Abu Dhabi, UAE.	Lotus	MASW
114	Geophysical Investigation Proposed Construction of New Branch Industrial Area in Plot No. 24-10-122-105, Al-Ain City, UAE.	Emirates Transport	MASW & GIS

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
115	Geophysical Investigation of Proposed Construction of Sheikh Hasah Mosque in Plot No.65-03-057-3, Sector Hazza Al Boush-West, Al Yahar, Al Ain, UAE .	AL Masfoufah	MASW & GIS
116	Geophysical investigation of Proposed Construction Investment Villa in Plot No. 05-04-003-3, Giffin, Al Jimi, Al Ain, UAE.	Delma lab	MASW & GIS
117	Geophysical Investigation of Proposed Construction Umm Ghaffa Service station in Plot No.79-03-801-228, Um Ghaffa 3, Al Ain, UAE.	Al Geemi Partner	MASW
118	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 05-02-044-9, Al Mrajeb, Al Jimi, Al-Ain, UAE.	Granada	MASW & GIS
191	Geophysical Investigation of Proposed Construction of Villa in Plot No. 14-08-006-21C, Al Ruwaikah, Al Muwaji, Al Ain, UAE.	Arch contractor	MASW & GIS



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120	Geophysical Investigation at Plot No-GSM 2648, Al Hadabah, Liwa, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
121	Geophysical Investigation at Plot No-GSM 2762, Musel Bu Rahma, Liwa, Western Region, Abu Dhabi, UAE.	Etisalat	MASW
122	Geophysical Investigation Proposed Construction of Labor Camp in Plot No. 22-01-052-3, Al Khurair, Al Ain, UAE.	Emirates Egyptian Eng. Cons. Architects,	MASW
123	Baniyas and Al Bateen graveyard	Abu Dhabi Municipality	Topographical
124	DSA - Proposed Construction Of New Villas, Saadiyat Island. Abu Dhabi	Parsons	Topographical
Year 2016			
1	Geophysical Investigation of Proposed Private Building in Plot No. 05-02-039-10, Al Jimi, Al Ain, UAE	Safeer Consultant	MASW & GIS
2	Geophysical investigation at the proposed construction of villa, Plot No.003-198-000-93, Sec: MSH-12, Shakhbout City, Abu Dhabi-UAE.	Mobadraa	MASW & ERT
3	Geophysical Investigation of Proposed Construction Commercial Villa in Plot No. 14-02-024-22, Oud Bin Sag-Han, Al Muwaji Al-Ain, UAE.	Garanda	3D-ERT & GIS
4	Geophysical Investigation of Proposed Construction Extension of Global English School in Plot No. 14-09-028-10, gdat Al Mutawaa, Al Muwaji, Al Ain, UAE.	Yosif Contractor	MASW & GIS
5	Geophysical Investigation of Proposed Construction of Commercial Villa in Plot No. 13-02-007-63, Bida Bin Ammar, I Ain, UAE.	Golden Contractor	MASW & GIS
6	Geophysical Down hole Seismic Test at the proposed construction of 240,000, TPA LSAW Pipe Mill, Plot No# KHIA8-10A,Kizad, Abu Dhabi, U.A.E.	ERI	Downhole
7	Geophysical Investigation of Proposed Construction Commercial Villa in Plot No. 05-03-057-010, Al Jimi, Al-Ain, UAE.	Al Masfoufah	L-Shape ERT & GIS
8	Geophysical Investigation at Proposed Construction of Investment building in Plot No. 07-02-012-16B, Al Meryal, Al Khabisi, Al-Ain, UAE.	Al Masfoufah	MASW & 3D ER, GIS
9	Geophysical Investigation of Proposed Construction Masjid in Plot No. 61-02-801-310, Bida Bint Saud, Al Ain, UAE.	Al Masfoufah	MASW & GIS
10	Geophysical Investigation at Plot No-GSM 2763,Al Nashash, Liwa, Western Region, Abu Dhabi, UAE.	Terrasearch	MASW

S/ No.	Project Name	Client Name	Geophysical Techniques
11	Geophysical Investigation at Plot No-GSM 2665, Jarmada, Liwa, Western Region, Abu Dhabi, United Arab Emirates.	Terrasearch	MASW
12	Geophysical investigation at the proposed residential building, Plot No. 202-611-000-C21, Sector: RS1, Al Reem Island, Abu Dhabi-UAE.	Delam Lab	MASW
13	Geophysical Investigation at Plot No-026-054-000-276, Sector MZE19, Madinat Zayed, Western Region, Abu Dhabi, United Arab Emirates.	Delam Lab	MASW
14	Geophysical Investigation at Plot No-027-009-000-P46, Ghayathi, Western Region, Abu Dhabi, United Arab Emirates.	Delam Lab	MASW
15	Geophysical investigation at the proposed villa,Plot No. 001-086-000-38b, Sector: W39, Abu Dhabi Island, Abu Dhabi-UAE.	Delam Lab	MASW & 3D ERT
16	Geophysical Investigation of Proposed Construction Villa in Plot No. 003-198-000-103, Sec: MSH-12, Shakhboot City , Abu Dhabi, UAE.	Jumariah Consultant	MASW & ERT
17	Geophysical Investigation of Proposed Construction Commercial Villa in Plot No. 15-15-024-23, Al Ghail, Al Ain, UAE.	Arco Consultant	MASW & GIS
18	Geophysical Investigation of Proposed Construction of Flats in Plot No. 14-08-010-16, Al Muwaiji, Al Ruwaikah, Al Ain, UAE.	Haima Contractor	MASW & GIS
19	Geophysical investigation at the proposed construction of villa, Plot No.003-198-000-92, Sec: MSH-12, Shakhbout City, Abu Dhabi-UAE.	Delma lab	MASW & ERT
20	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 07-02-027-39A, Al Meryal, Al Khabisi, Al-Ain, UAE.	Al Masfoufah	MASW & 3D ERT, GIS
21	Geophysical Investigation of Proposed Construction Private Building in Plot No. 07-01-009-32, Al Khabisi, Al Ain, UAE.	Safeer Consultant	MASW & GIS
22	Geophysical Investigation of Proposed Construction 240,000, TPA LSAW PIPE MILL in Kizad Abu Dhabi, UAE.	ERI	MASW & ERT
23	Geophysical Investigation of Proposed Construction Commercial Building in Plot No. 07-04-005-15, Al Khabisi, Al Ain, UAE.	Naseej Contractor	MASW & GIS

24	Geophysical Investigation at Proposed Construction of Shops in Plot No.81-03-061-24, Dhaher 3, Al Ain, UAE.	Arch Design Cenetr Consultant	MASW & GIS
25	Geophysical Investigation of Proposed Construction of Commercial Villa in Plot No.05-03-008-17, Al Jimi, Al Ain, UAE.	Imad	MASW & GIS
26	Geophysical Investigation of Proposed Construction Villa in Plot No. 006-279-000-43 Sec: ME-16, MBZ, Abu Dhabi, UAE	Al Kheali & Al Ameri Consultant	MASW & ERT
27	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 07-02-027-23A, Al Khabisi, Al-Ain, UAE.	Ajyad Engineering Consultant	MASW & ERT
28	Geophysical Investigation of Proposed Construction Building in Plot No. 001-130-000-C140, Sector: E19-02, Abu Dhabi, UAE.	Lotus	MASW & 3DERT

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
29	Geophysical Investigation Proposed Construction of Commercial Villa in Plot No. 15-15-004-006, Al Ghail, Al-Ain, UAE	Silver Square	MASW & 3DERT,GIS
30	Geophysical Investigation at Proposed Construction of Investment Building in Plot No05-09-012-30A, Al Jimi, Al-Ain, UAE.	Tiakos	MASW & 3DERT
31	Geophysical Investigation of Proposed Construction ADOS Oil Services Workshops & Office Building in Plot No-2AR16, ICAD-II, Musaffah, Abu Dhabi, UAE.	Architectural Engineering Consulatnt	MASW & ERT
32	Geophysical Investigation Determination of the Thickness and Characteristics of the Top Soil Layer, Al Foah area, Al Ain, United Arab Emirates	UAEU	MASW & ERT
33	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No. 07-02-019-39B, Al Khabisi, Al-Ain, UAE.	Smart Deal	MASW & 3D-ERT
34	Geophysical Investigation Construction Of Residential Villa, At Plot No. 137-000-000-394, Sec: Sdn7, Saadiyat Island, Abu Dhabi, Uae	Delma lab	MASW & ERT,GIS
35	Geophysical Investigation of Proposed Construction of Residential Building in Plot No. 05-09-023-7, Ugdat Al	Al Masfoufah	MASW & GIS



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	Ameriya, Al Jimi, Al Ain, UAE.		
36	Geophysical Investigation of Proposed Construction of Commercial Investment Apartments in Plot No. 15-09-006-4, Teebi-Al Mutaredh, Al Ain, UAE.	Al Masfoufah	MASW & L-Shape ERT, GIS
37	Geophysical Investigation At The Proposed Construction Of Residential Villa Plot No. 003-191-000-06, Sector, Msh-5, Shakhbout City - Abu Dhabi, UAE.	Lotus	MASW & ERT
38	Geophysical Investigation at Proposed Construction of Shabra & Show room in Plot No. 007-356-000-28, Sec: M25, Musaffah, Abu Dhabi, UAE.	Delam Lab	ERT
39	Geophysical Investigation of Proposed Construction Camp and Warehouse in Plot No. 22-01-071-49, Wadi Al Ain1, Al Ain, UAE.	Al bunyan Consulatnt	MASW & GIS
40	Geophysical Investigation of Proposed Construction of Industrial Building in Plot No. 24-04-002-029 Batha Al Hayer, Sanaiya, Al Ain, UAE.	AL Falaj Consultant	MASW & GIS
41	Geophysical Investigation at the Proposed Construction of Residential Villa, Plot No. 199-014-000-217, Sector SHS-14, Shamkha South, Zone 14- Abu Dhabi, UAE.	Khalifah Zaroony	MASW & ERT
42	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No 07-02-027-13B, Al Khabisi, Al-Ain, UAE.	Al Masfoufah	MASW & 3DERT, GIS
43	Geophysical Investigation proposed construction of villa, Plot No. 199-007-000-219, Sec: SHS7, Shamkah South, Abu Dhabi, UAE	Delam Lab	MASW & ERT
44	Geophysical Investigation proposed construction of villa, Plot No. 199-023-000-918, Sec: SHS23, Shamkah South, Abu Dhabi, UAE	Delam Lab	MASW & ERT
45	Geophysical Investigation of Proposed Construction of Company Camp in Plot No. 22-01-055-13, Wadi Al Ain 1, Al AIN, UAE.	Al Masfoufah	MASW & L-Shape ERT, GIS

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
46	Geophysical investigation at the proposed villa, Plot No. 123-018-000-36, Sec: EB6_02, Baniyas, Abu Dhabi-UAE.	Delma lab	MASW & 3D ERT
47	Geophysical Investigation of Proposed Construction Villa in Plot No. 003-000-000-2, Sector: MSH41, Shakboot City Abu Dhabi, UAE.	Lotus	MASW & ERT
48	Geophysical Investigation of Proposed Construction Commercial Villa in Plot No. 001-146-000-152, Sector: W18_02, Abu Dhabi Island, Abu Dhabi, UAE.	Arab Geotech	MASW & ERT
49	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No 13-02-046-12, Bida Bin Ammar, Al-Ain, UAE.	Naseej Contractor	3DERT & MASW, GIS
50	Geophysical Investigation of Proposed Construction Factory in Plot No. 922-11-000-74NR27, Musaffah ICAD III, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW & ERT
51	Geophysical Investigation Proposed Construction of Company Camp and Stores in Plot No. 22-01-037-8, Wadi Al Ain 1, Al Ain, UAE.	Abu Dhabi Lab	MASW & GIS
52	Geophysical Investigation of Proposed Construction Residential Building in Plot No. 14-08-141-129C, Al Muwaiji, Al Ain, UAE.	Tiakos	MASW & 3DERT, GIS
53	Geophysical Investigation of Proposed Construction of Residential Apartments in Plot No. 16-02-003-3, Al Jahili, Al Ain, UAE.	Al Pha Beta	MASW & 3DERT, GIS
54	Geophysical Investigation of Proposed Construction of Labour Camp in Plot No. 22-01-088-2, Wadi Al Ain 1, Al Ain, UAE.	Taawan Consultant	MASW & L-Shape ERT, GIS
55	Geophysical Investigation of Proposed Construction MOSQUE in Plot No- P2, Sector RR2, Reem Island, Abu Dhabi, UAE.	Lotus	MASW & ERT
56	Geophysical Investigation Proposed Commercial Development Villa in Plot No. 14-08-011-15, Al Muwaiji-Al Ruwaikah, Al-Ain, UAE	Al Masfoufah	L-Shape ERT & MASW, GIS



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57	Geophysical Investigation of Proposed Construction Commercial Building in Plot No. 24-05-013-027, Al Safrah, Al-Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
58	Geophysical Investigation of Proposed Construction Residential and Commercial Complex in Plot No- C10-C11, Sector RR2, Reem Island, Abu Dhabi, UAE.	Lotus	MASW & ERT
59	Geophysical Investigation of Proposed Construction Small investment Villa in Plot No. 07-02-027-57A, Al Khabisi-Al-Ain, UAE.	Araseal	MASW & 3D-ERT
60	Geophysical Investigation Proposed Construction of Commercial Building in Plot No. C170, Sector ME9, Mohamed Bin Zayed City, Abu Dhabi, UAE.	Planner Consultant	MASW & ERT
61	Geophysical Investigation at Plot No-028-001-000-P35, Bida Al Mutawa, Western Region, Abu Dhabi, UAE.	Al Masfoufah	MASW
62	Geophysical Investigation of Proposed Construction Poultry Farm in Plot No.P23, Liwa, Western Region, Abu Dhabi, UAE.	Emirates Modern Poultry Farm	MASW

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Rada

S/ No.	Project Name	Client Name	Geophysical Techniques
63	Geophysical Investigation Proposed Construction of Commercial Villa in Plot No. 07-02-024-35B, Al Khabisi, Al-Ain, UAE.	Smart Deal	MASW & ERT, GIS
64	Geophysical Investigation Proposed Construction of Private Industrial Building in Plot No. 24-05-017-013, Al Safrah, Al-Ain, UAE	Al Masfoufah	3D ERT & MASW, GIS
65	Geophysical Investigation Proposed Construction of Oasis International School in Plot No. 05-03-062-16, Al Jimi, Al Ain, UAE.	Scantec	MASW & Topographical , GIS
66	Geophysical Investigation of Proposed Construction of Car Wash in Plot No. 93-04-003-50, Al Wagan, Al Ain, UAE.	Jumariah Consultant	MASW & GIS
67	Geophysical Investigation at Proposed Construction of Residential Building in Plot No. 05-09-102-103, Al Jimi, Al-Ain, UAE.	Al Masfoufah	3D ERT & MASW, GIS
68	Geophysical Investigation of Proposed Construction Residential Building in Plot No.C16, Sector: E13, Abu Dhabi Island, Abu Dhabi, UAE.	Arab Geotech	ERT & MASW
69	Geophysical Investigation under Existing Substation at Juno-407 project in Plot no. KHIA4-22_23, Sector Kizad, Abu	Geoscience	MASW & L-Shape ERT



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	Dhabi, UAE.		
70	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2849, Bayah, Al Sila, Western Region, Abu Dhabi, UAE.	Terrasearch	MASW
71	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2155, Delma Island, Western Region, Abu Dhabi, UAE.	Terrasearch	MASW
72	Geophysical Investigation of Proposed Construction of Commercial Villa in Plot No. 13-01-005-39, Al Dafeinah, Asharej, Al Ain, UAE.	Delma lab	MASW
73	Geophysical Investigation Proposed Construction of Company Camp & Warehouse in Plot No. 22-01-059-9, Wadi Al Ain, Al Ain, UAE.	Emirates Lab	MASW & GIS
74	Geophysical Investigation of Proposed Construction of Poultry Farm in Plot No. 57-05-802-254(Block-802) Ramlat-Sweihan, Al Ain, UAE.	Al Qassam Consultant	MASW
75	Geophysical Investigation Proposed Construction of Villa in Plot No. 24, Sector MSH-6, Shakhboot City, Abu Dhabi, UAE.	Sand Lab	MASW & ERT
76	Geophysical Investigation of Proposed Construction of Commercial Villa in Plot No. 05-09-025-32, Al Jimi, Al Ain, UAE.	Delma lab	MASW & GIS
77	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 13-02-026-5, Bida Bin Ammar, Al-Ain, UAE.	Al Mharjan	MASW & GIS
78	Geophysical Investigation Proposed Construction of Commercial Villa in Plot No. 16-01-008-13, Al Jahili, Al Ain, UAE.	Arco Consultant	MASW & GIS
79	Geophysical Investigation at Proposed Construction of Masdar Community Mall in Plot G-07, Masdar City, Abu Dhabi, UAE.	Al Hai Mukadam	MASW & ERT

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
80	Geophysical Investigation Proposed Construction of Investment Villa in Plot No. 16-03-004-4, Al Jahili, Al Ain, UAE.	Al Masfoufah	MASW & GIS
81	Geophysical Investigation at Proposed Construction of Investment Building in Plot No. 05-08-011-76, Al Jimi, Al-Ain, UAE.	Baloud Contractor	3D ERT & MASW, GIS
82	Geophysical Investigation Proposed Construction of Commercial Villa in Plot No. 15-15-018-001, Al Ghail, Al Ain, UAE	Al Masfoufah	MASW & GIS
83	Geophysical Investigation Proposed Construction of EAIG Headquarter in Plot No. C2, Sector MZ29-6, Madinat Zayed, Abu Dhabi, UAE	Al Masfoufah	MASW & ERT
84	Geophysical Investigation Proposed Construction of Poultry Farm in Plot No. 86-01-801-466, Block-801, Abu Krayyah, Al Ain, UAE.	Photocade	MASW
85	Geophysical Investigation of Proposed Construction Workshop and showroom in Plot No-T1004, Sector MZE 12, Madinat Zayed, Western region, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW
86	Geophysical Investigation Proposed Construction of EAIG Headquarter in Plot No. C2, Sector MZ29-6, Madinat Zayed, Abu Dhabi, UAE	Al Masfoufah	Downhole
87	Geophysical Investigation of Proposed Construction of Commercial Building in Plot No. 24-07-011-18, Saniyah, Al-Ain, UAE.	Al Reyada Consultant	3D-ERT & MASW
88	Geophysical Investigation Proposed Construction of Warehouses in Plot No. 22-01-063-5, Wadi Al Ain 1, Al Ain, UAE.	Al Masfoufah	MASW & L-Shape ERT, GIS
89	Geophysical Investigation Proposed Construction of Private School in Plot No. 06-04-010-3, Al Towayya, Al Ain, UAE.	Al Masfoufah	MASW & GIS
90	Geophysical Investigation Proposed Construction of District cooling Plant Building in Plot No-C-002-003, Dubai, UAE.	Geoscience	Downhole
91	Geophysical Investigation at Plot No.P13, Sector MZW-13, Madinat Zayed, Western Region, Abu Dhabi, United Arab Emirates.	NTCC	MASW
92	Geophysical Investigation Proposed Construction of Commercial Villa in Plot No. 18-15-004-8, Al Nyadat, Al-Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS



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93	Geophysical Investigation Proposed Construction of Masjid in Plot No. 59-06-002-011, Bida Bin Ahmad, Al Ain, UAE.	Naseej Contractor	MASW
94	Geophysical Investigation Proposed Construction of Investment Villa in Plot No. 07-02-024-5A, Al Khabisi, Al-Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
95	Geophysical Investigation Proposed Construction of Industrial Building in Plot No. 22-01-044-5B, Wadi Al Ain-1, Al Ain, UAE.	Modren Vision Consultant	MASW & GIS
96	Al Bateen Grayard	Abu Dhabi Municipality	GPR & Topographical
97	Topographic Survey at the proposed construction of Jazira Mall Abu Dhabi, U.A.E.	ERI	Topographic Survey

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
98	Geophysical Investigation Proposed Construction of Commercial Villa in Plot No. 14-02-024-6, Al Muwaiji, Al-Ain, UAE.	Alameda Althahbia General Contracting	3D-ERT & MASW, GIS
99	Geophysical Investigation at Proposed Construction of Shop and Office in Plot No. 24-06-016-8, Saniyah, Al-Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
100	Geophysical Investigation at Proposed Construction of Industrial Building in Plot No. 24-06-118-260, Saniyah, Al-Ain, UAE.	SPGS	3D-ERT & MASW, GIS
101	Geophysical Investigation Proposed Construction of Private Villa & Sport Club in Plot No. 003-203-000-72, Sector MSH-17, Shakhbout City Abu Dhabi, UAE.	Tiakos	MASW & ERT
102	Geophysical Investigation of Proposed Construction of Factory in Plot No. 66-02-033-10, Mafqar-2, Al Ain, UAE.	Biomass	MASW
103	Geophysical Investigation Proposed Construction of Private Villa & Sport Club in Plot No. 003-203-000-73, Sector MSH-17, Shakhbout City Abu Dhabi, UAE.	Tiakos	MASW & ERT
104	Geophysical Investigation Proposed Construction of Jazira Mall in Plot No. 001-186-000-P2C1, Sector E22_02, Abu Dhabi, UAE.	ERI	MASW & ERT
105	Geophysical Investigation Proposed Construction of Industrial Building in Plot No. 24-05-017-27, Al Safrah, Al Ain, UAE.	Al bunyan Consulatnt	MASW & GIS
106	Geophysical Investigation Proposed Construction of Industrial Building in Plot No. 24-04-004-27, Saniyah, Al Ain, UAE.	Al Qassam Consultant	MASW & GIS
107	Geophysical Investigation of Proposed Construction Residential Villa in Plot No-199-030-000-973, Sector SHS30, Abu Dhabi, UAE.	Terrasearch	MASW & ERT
108	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 07-01-010-3, Al Khabisi, Al- Ain, UAE.	SPGS	3D-ERT & MASW, GIS
109	Geophysical Investigation at Proposed Construction of Residential Building in Plot No. 07-02-009-38A, Al Khabisi, Al- Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
110	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 15-04-002-24, Al Mutaredh, Al-	SPGS	3D-ERT & MASW, GIS



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	Ain, UAE.		
111	Geophysical Investigation at Proposed Construction of Mosque in Plot No. 13-02-017-1, Bida Bin Ammar, Al Ain, UAE.	Al Masfoufah	MASW & GIS
112	Geophysical Investigation at Proposed Construction of Mosque in Plot No. 24-03-122-143, Al Sanaiya, Al Ajayyiz, Al-Ain, UAE.	SPGS	ERT & GIS
113	Geophysical Investigation of Proposed Construction Poultry Farm in Plot No.P23 (Building No-6), Liwa, Western Region, Abu Dhabi, UAE.	Emirates Modern Poultry Farm	MASW
114	Geophysical Investigation at Proposed Construction of Al Marmum Kitchen in Plot No. 22-01-004-020, Wadi Al Ain 1, Al-Ain, UAE.	SPGS	3D-ERT & MASW, GIS

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
115	Geophysical Investigation at Proposed Construction of Industrial Building in Plot No. 24-05-011-84 Al Safrah, Al- Ain, UAE.	SPGS	3D-ERT & MASW, GIS
116	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 05-03-004-023, Al Jimi, Al- Ain, UAE.	Golden Contractor	3D-ERT & MASW, GIS
117	Geophysical Investigation at Proposed Construction of Commercial building in Plot No. 05-03-038-30, Al Jimi, Al-Ain, UAE.	SPGS	3D-ERT & MASW, GIS
118	Geophysical Investigation at Proposed Construction of Extension Residential Villa in Plot No. 57-01-056-008, Suweiha, Al- Ain, UAE	Altrorath	3D-ERT & MASW, GIS
119	Geophysical Investigation of Damaged Road (Subsidence) in Street 145, near Majed Bin Zayed Masjid, Ajman, UAE.	Ajman Municipality	ERT, MASW & GPR
120	Geophysical Investigation Proposed Construction of Mall of the World in Dubai, UAE.	Geoconsult	ERT, MASW & GPR, topographical
121	Geophysical Investigation at Proposed Construction of Warehouse and Store in Plot No. 22-01-063-13, Wadi Al Ain-1, Al- Ain, UAE.	SPGS	3D-ERT & MASW, GIS



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122	Geophysical Investigation Proposed Construction of Residential Building in Plot No. 07-02-024-47A, Al Khabisi, Al- Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
123	Geophysical Investigation Proposed Construction of Head Quarter for Zayed Higher Organization in Plot No-P10, Sector MSH-44, Shakhbout City Abu Dhabi, UAE.	Matrix Lab	2DERT & MASW, GIS
124	Geophysical Investigation at Proposed Construction of Labor accommodation and Store in Plot No. 22-01-063-14, Wadi Al Ain-1, Al- Ain, UAE.	SPGS	3D-ERT & MASW, GIS
125	Geophysical Investigation at Proposed Construction of Hydrogen Plant in Plot No. 66-02-014-009, Industrial City, Al Ain, UAE.	Al Masfoufah	MASW, GIS
126	Geophysical Investigation Proposed Construction of Investment Villa in Plot No. 07-02-024-90A, Al Khabisi, Al- Ain, UAE	Al Masfoufah	3D-ERT & MASW, GIS
127	Geophysical Investigation of Proposed Construction Ghayathi Shopping Mall in Plot 027-009-000-C100, Ghayathi, Western region, Abu Dhabi, UAE	Beirut Consultant	MASW & GIS
128	Geophysical Investigation Proposed Construction of Investment Building in Plot No. 07-02-009-34A, Al Khabisi, Al- Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
129	Geophysical investigation at the internal Roads and Infrastructure, Sector Z20, Mohammed Bin Zayed City, Abu Dhabi, UAE	Al torath Consultant	MASW & ERT
130	Geophysical Investigation Proposed Construction of Private Industrial Building in Plot No. 22-01-052-12, Wadi Al Ain-1, Al- Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
131	Geophysical Investigation for Roads and Infrastructural in Sector Z21, Mohammed Bin Zayed City, Abu Dhabi, UAE.	Al torath Consultant	MASW & ERT

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
132	Geophysical Investigation at Proposed Construction of Admin Building & Crisis Management Center in Plot No. 40-02-900-955, Al Ain International Airport, Al-Ain, UAE.	SPGS	2D-ERT & MASW, GIS
133	Geophysical Investigation Proposed Construction of Shabra & Offices Building in Plot No. 24-07-025-3, Sanaiya, Al-Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
134	Geophysical investigation of proposed construction of Customs Head Quarters at Plot No. 142-001-000-P14, Abu Dhabi International Airport, Abu Dhabi, UAE.	Core Engineering Consultancy LLC	MASW & 2D-ERT
135	Geophysical investigation at the Road Subsidence Village 5-Al Falah City, Abu Dhabi, UAE.	Al Jaber	MASW & 2D-ERT
136	Geophysical Investigation of Proposed Construction of Industrial Building in Plot No. 66-02-023-2, Mafqar-2, Industrial City, Al Ain, UAE	Al Masfoufah	MASW
137	Geophysical Investigation at Plot No-GSM 2809, Al Ruwais, Western Region, Abu Dhabi	Terrasearch	MASW
138	Geophysical Investigation for Roads and Infrastructural in Sector Z22, Mohammed Bin Zayed City, Abu Dhabi, UAE.	Al torath Consultant	MASW & ERT
139	Geophysical Investigation at Plot No-GSM 2340, Al Mirfa, Western Region, Abu Dhabi	Terrasearch	MASW
140	Geophysical Investigation of Proposed Construction of shops in Plot No. 22-01-052-12, AL Yahar, AL reef, Al Ain, UAE	Matrix Lab	3DERT & MASW, GIS
141	Geophysical Investigation Proposed Construction of Residential building in Plot No. 27, Al Raha Beach, Abu Dhabi, UAE.	Geoscience	MASW
142	Geophysical Investigation at Proposed Construction of Commercial building in Plot No. 18-04-118-124, Hai Al Qasr, Town Center, Al- Ain, UAE.	SPGS	3DERT & MASW, GIS
143	Geophysical Investigation at Proposed Construction of Shabra & Office Building in Plot No. 24-05-011-66, Al Safrah, Al- Ain, UAE.	SPGS	3DERT & MASW, GIS
144	Geophysical Investigation of Labor Camp building in Plot No. 599-701, Jebel ali, Dubai, UAE.	Tala Concrete	MASW, ERT & GPR



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145	Geophysical Investigation Proposed Construction of Commercial Building in Plot No. 026-111-000P127B, Madinat Zayed, Western Region, Abu Dhabi, UAE	NTCC	MASW
146	Geophysical Investigation Proposed Construction of Residential Villa in Plot No-003-219-000-44, Sector MSH-29, Shakhbout City, Abu Dhabi, UAE.	Universal Lab	MASW & ERT
147	Topographic Survey For 4 Points Demarcation At Auh Island - Water Breaker (Marina Area)	Tawasol Solution services	
148	Baniyas Graveyard	Abu Dhabi Municipality	Topographical
Year 2017			
1	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No. 22-01-057-03, Wadi Al Ain 1, Al Ain, UAE.	SPGS	MASW & L-Shape ERT, GIS
2	Geophysical Investigation for Roads and Infrastructural in Sector Z24, Mohammed Bin Zayed City, Abu Dhabi, UAE.	Al Torath Consultant	MASW & ERT
3	Geophysical Investigation of Commercial Building in Plot No- C17, Sector EB2_03, Baniyas, Abu Dhabi, UAE.	Lotus	MASW & ERT

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
4	Geophysical Investigation at Proposed Construction of Mosque in Plot No. 24-01-005-2, Saniyah, Al Ain, UAE.	Al Bunyan consultant	MASW
5	Geophysical Investigation of Proposed Construction Residential Building in Plot No- 20, Al Zubarah, Abu Dhabi, UAE	AL MAL INVESTMENT	MASW & ERT
6	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No. 05-10-011-30, Civic center, Al Ain, UAE	Hans Knutzen	MASW, GIS
7	Topographic Survey At Plot No.Gsm-2225, Liwa, Western Region, Abu Dhabi, UAE.	Inteltec	Topo Survey
8	Geophysical Investigation of Proposed Construction Extension of Villa in Plot No- 128, Zone 27, MBZ, Abu Dhabi, UAE.	Hani Hosny Ismaeel Zuarb	MASW & ERT
9	Geophysical Investigation for Roads and Infrastructural in Sector Z25, Mohammed Bin Zayed City, Abu Dhabi, UAE.	Al Torath Consultant	MASW & ERT



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10	Geophysical Investigation for Roads and Infrastructural in Sector Z26, Mohammed Bin Zayed City, Abu Dhabi, UAE.	Al Torath Consultant	MASW & ERT
11	Geophysical Investigation at Proposed Construction of Industrial Building in Plot No. 24-05-017-25, Al Safrah, Al- Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
12	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2299, Liwa, Western Region, Abu Dhabi, UAE.	Terra Search	MASW
13	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2308, Liwa, Western Region, Abu Dhabi, UAE.	Terra Search	MASW
14	Geophysical Investigation of Proposed Construction of villa in Plot No- 70B, Sector MSH-9, Shakhbout City, Abu Dhabi, UAE.	Lotus Lab	MASW & ERT
15	Geophysical Investigation at Proposed Construction of Private Villa in Plot No. 07-02-024-24, Al Meryal, Al Khabisi, Al- Ain, UAE	Al Masfoufah	3D-ERT & MASW, GIS
16	Geophysical Investigation at Proposed Construction of Company Camp in Plot No. 22-01-049-8, Wadi Al Ain, Al- Ain, UAE.	Royal Dome	3D-ERT & MASW, GIS
17	Geophysical Investigation of Proposed Construction Masjid in Plot No- P8, MZW16, Madinat Zayed, Western Region, Abu Dhabi, UAE.	Lotus	MASW
18	Geophysical Investigation for Roads and Infrastructural in Sector Z23, Mohammed Bin Zayed City, Abu Dhabi, UAE.	Al Torath Consultant	MASW
19	Topographic Survey in Marawah Island, Western Region, Abu Dhabi, UAE.	Inteltec	Topo Survey
20	Geophysical Investigation using Geophysical Ground Penetrating Radar (GPR) Scanning in Jubail Island , Abu Dhabi, UAE. .	Gulf Lab	GPR & ERT
21	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No. 05-10-011-30, Civic center, Al Ain, UAE	Hans Knutzen	2D-ERT
22	Geophysical Investigation of Rehabilitation of Chimpanzee Park in Al Ain Zoo, Abu Dhabi, UAE.	Geoscience	MASW & ERT-L-Shape
23	Topographic Survey in Al Khaznah Al Ain, UAE.	Inteltec	Topo Survey

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
24	Geophysical Investigation at Proposed Construction of Lounge Farm in Plot No. 65-05-801-135, Block 801, Al Yahar, Al-Ain, UAE	SPGS	2D-ERT, GIS
25	Geophysical Investigation at Proposed Construction of Lounge Farm in Plot No. 65-05-801-136, Block 801, Al Yahar, Al-Ain, UAE.	SPGS	2D-ERT, GIS
26	Geophysical Investigation Proposed Construction of Super Power New Facility, Plot No. 67SR35, Sector ICAD III, Abu Dhabi, UAE.	Geoscience	MASW
27	Geophysical Investigation of Proposed Construction of Building in Plot No- 002-991-000-C14, Sector SE26_01, Khalifa City, Abu Dhabi, UAE.	Lotus	MASW & ERT
28	Geophysical Investigation of Rehabilitation of Al Ain Zoo Park (Headquarter Building), Al Ain, UAE.	Lonestar	ERT & L-shape
29	Geophysical Investigation of Proposed Construction Poultry Farm in Plot No.P23(Building 1,2,3,4,5,6A &7), Liwa, Western Region, Abu Dhabi, UAE.	Emirates Modren Poultry Farm	MASW
30	Geophysical Investigation Proposed Construction of Contract Resources Workshop & Office, Plot No. 146HR11, Sector ICAD II, Abu Dhabi, UAE.	Geoscience	MASW
31	Subsurface Investigation Using Ground Penetrating Radar for Detecting Water Leaks from the Lagoon in Anantara Palm Resort-Dubai-UAE.	Alpha Solution	GPR
32	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 07-02-014-48B, Al Meryal, Al Khabisi, Al- Ain, UAE	SPGS	3D-ERT & MASW, GIS
33	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 07-02-027-47A, Al Meryal, Al Khabisi, Al- Ain, UAE.	SPGS	3D-ERT & MASW, GIS
34	Geophysical Investigation of Proposed Construction of Staff Accommodation in Plot No. 030-001-000-261-262, Bayah Al Sila, Western Region, Abu Dhabi, UAE.	Funoon Al Amara Engineering Consultant	MASW
35	Geophysical Investigation of Rehabilitation of Al Ain Zoo Park(Aviary Cage), Al Ain, UAE.	Lonestar	2D-ERT



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36	Geophysical Investigation for Roads and Infrastructural in Sector Z27, Mohammed Bin Zayed City, Abu Dhabi, UAE.	Al Torath Consultant	MASW
37	Geophysical Investigation at Proposed Construction of Poultry Farm in Plot No. 57-05-802-354, Block 802, Ramlat Sweihan, Al-Ain, UAE	Scope Consultant	MASW & 2D-ERT
38	Geophysical Investigation of Health Care Center in Al Shamkha, Abu Dhabi, UAE	HDP	MASW
39	Geophysical Investigation at Proposed Construction of Masjid in Plot No. 19-07-021-4, Al Sarooj, Al- Ain, UAE.	Al Bawadi Consultant	MASW & GIS
40	Geophysical Investigation of Proposed Construction of Building in Plot No- C15, Sector SE6_01, Khalifa City, Abu Dhabi, UAE.	Lotus	MASW
41	Geophysical Investigation at Proposed Construction of Masjid in Plot No. 81-01-002-28, Al Daher 1, Al- Ain, UAE.	Araseel Consultant	MASW & GIS
42	Geophysical Investigation of Labor accommodation in Plot No. 365-0716, Al Quoz Industrial, Dubai, UAE.	Tala concrete repair	MASW, ERT & GPR

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
43	Geophysical Investigation at Proposed Construction of Labor Camp & Store in Plot No. 22-01-068-21, Wadi Al Ain 1, Al- Ain, UAE.	Al Masfoufah	MASW & GIS
44	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No. 15-06-005-14, Al Mutaredh, Al- Ain, UAE.	Arco Consultant	3D-ERT & MASW, GIS
45	Geophysical Investigation at Proposed Construction of Industrial Building in Plot No. 24-05-017-31, Saniyah, Al Safrah, Al-Ain, UAE.	Al Qassam Consultant	2D-ERT, GIS
46	Geophysical Investigation of Proposed Construction of Building in Plot No- 103-000-000-C8, Sector RBW7, Al Raha Beach, Abu Dhabi, UAE.	Lotus Lab	2D-ERT
47	Geophysical Investigation of Proposed Construction Al Wajeha Al Bahria Mixed use project in Plot No.P512, Al Marfa, Western region, Abu Dhabi, UAE	NTCC	MASW
48	Geophysical Investigation at Proposed Construction of Villa in Plot No. 003-000-000-3, Sector MSH-41, Shakhbout City, Abu Dhabi, UAE.	Lotus	MASW
49	Geophysical Investigation at Proposed Construction of Villa in Plot No. Plot # 87, Sector MSH-23, Shakhbout City, Abu Dhabi, UAE.	Lotus	MASW
50	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No. 55-04-801-277B, Block-801, Al Hayer, Al- Ain, UAE.	Al Masfoufah	3D-ERT, GIS
51	Geophysical Investigation at Proposed Construction of Warehouse in Plot No. 22-01-067-9, Wadi Al Ain 1, Al Ain, UAE	Emirates Lab	MASW & GIS
52	Geophysical Investigation of Proposed Construction Private Villa in Mina Palace, Abu Dhabi, UAE.	Abu Dhabi Lab	2D-ERT
53	Geophysical Investigation at Proposed Construction of Julphar Residence in Plot No. 202-999-000-C33_C34, Sector RT-3, Reem Island, Abu Dhabi, UAE	Lotus Lab	2D-ERT
54	Geophysical Investigation of Proposed Construction of Masjid in Plot No. 026-009-000-P66, Sector- MZW6, Madinat Zayed, Western Region, Abu Dhabi, UAE.	Basalt Lab	MASW

55	Proposed Construction of Residential Building in Plot No. 07-02-012-20B, Al Khabisi, Al Meryal, Al- Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
56	Geophysical Investigation of Proposed Construction of Building in Plot No- 006-281-000-C101, Sector ME10, Mohammed Bin Zayed City - Abu Dhabi.	Lotus Lab	2D-ERT
57	Geophysical Investigation at Proposed Construction of Shops in Plot No. 55-05-013-35, Al Hayer, Al- Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
58	Geophysical Investigation at Proposed Construction of Industrial building in Plot No. 24-06-016-6, Leetag, Sanaiya, Al- Ain, UAE.	Emirates Lab	3D-ERT & MASW, GIS
59	Geophysical Investigation at Proposed Construction of Company Camp & Store in Plot No. 22-01-061-11, Al Khrair, Wadi Al Ain 1, Al-Ain, UAE.	Al Nashmi Consultant	2D-ERT & GIS
60	Geophysical Downhole Seismic Test at the proposed construction of Commercial Building at Plot No. 334-7501, Al Satwa, Dubai, UAE.	Al Mawazeen Soil Testing Labs	Downhole test

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
61	Geophysical Investigation Proposed Construction of Autism Center in Plot No. 29-07-001-11, Zakar, Al Ain, UAE	Al Torath Consultant	MASW & GIS
62	Geophysical Investigation at Proposed Construction of Masjid in Plot No. 81-03-028-8, Al Dhaher 3, Al Ain, UAE.	Emirates Lab	MASW & GIS
63	Geophysical Investigation at Proposed Construction of Industrial Building in Plot No. 22-01-059-8, Wadi Al Ain, Al Ain, UAE.	Al Masfoufah	MASW & GIS
64	Geophysical investigation Proposed Construction of Commercial Villa in Plot No. 05-03-008-16, Al Jimi, Al- Ain, UAE.	Al Masfoufah	3D-ERT & MASW, GIS
65	Geophysical Investigation of Proposed Construction of Building in Plot No- 103-000-000-29, Sector RBW2, Al Raha Beach- Abu Dhabi.	Lotus	2D-ERT
66	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2218, Liwa, Western Region, Abu Dhabi, UAE.	Terra Search	MASW
67	Geophysical Downhole Seismic Test at the proposed construction of Residential Building at Plot No. 1240252,	Geoscience	Downhole test



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	Muraqqabat, Deira, Dubai, UAE.		
68	Geophysical Downhole Seismic Test at the proposed construction of residential building in Plot No. 3170991, Mankhool, Dubai, UAE	Geoscience	Downhole test
69	Geophysical Investigation at Proposed Construction of Commercial Villa in Plot No. 07-02-012-16A, Al Khabisi, Al-Ain, UAE	Emirates Lab	3D-ERT & MASW, GIS
70	Muhammad bin zayed City Abu Dhabi internal rods geophysical test, UAE.	Altorath	MASW & ERT
71	Geophysical Investigation at Proposed Construction of Residential Building in Plot No. 17-01-004-9, Al Mutawaa, Al Ain, UAE.	Emirates Lab	3D-ERT & MASW, gis
72	Topographic Survey in Plot No-001-046-000-829 Abu Dhabi, UAE.	Terra Search	Topo Survey
73	Geophysical Investigation of Proposed Construction Commercial Building in Plot No-001-150-000-C13, Sector E18_03, Abu Dhabi, UAE.	Abu Dhabi Lab	3D-ERT & GIS
74	Geophysical Investigation of Proposed Construction of Private Villa in Plot No- 001-046-000-829, Sector E48, Abu Dhabi, UAE.	Terra Search	MASW & ERT
75	Geophysical Investigation for Proposed Construction of Villa & Labor Camp in Plot No. 51-01-802-448, Shablat Al Shuwaib, Al Ain, UAE	Geoscience	MASW & GIS
76	Geophysical Investigation for Proposed Construction of Commercial Building in Plot No. 14-05-019-8, Al Muwaiji, Al Ain, UAE.	Ebla Consultant	MASW & GIS
77	Geophysical Downhole Seismic Test at the proposed construction of Residential Building at Plot No. MR1, MR2, MR3, Dubai, UAE.	Geoscience	Downhole test
78	Geophysical Investigation for Proposed Construction of Buildings in Plot No. 76-01-801-571, Khatm Al Shikla, Al Ain, UAE.	Abu Dhabi Lab	MASW
79	Geophysical Investigation for Proposed Construction of Gulf German Specialized Hospital in Plot No. 25-03-002-10, Jefeer Jedeed, Al Ain, UAE.	Emirates Lab	MASW & GIS

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
80	Geophysical Investigation for Proposed Construction of Metal Kitchen Factory in Plot No. 24-08-122-110, Sanaiya, Al Ain, UAE.	Al Masfoufah	MASW & GIS
81	Geophysical Investigation for Proposed Construction of Shops in Plot No. 13-02-007-44, Bida Bin Ammar, Al Ain, UAE.	Emirates Lab	MASW & GIS
82	Topographic Survey in Plot No-C67-C68, Abu Dhabi, UAE.	Lotus	Topo Survey
83	Geophysical Investigation for Proposed Construction of Warehouse in Plot No. 22-01-022-11, Wadi Al Ain, Al Ain, UAE.	Al Bawadi Consultant	MASW & GIS
84	Geophysical Investigation at Proposed Construction of Warehouse in Plot No. 40-02-900-955, Al Ain Airport, Al- Ain, UAE	Schroeder Contractor	2D-ERT& GIS
85	Geophysical Ground Penetration Radar (GPR) Scanning In Khalidiyah Graveyard, Abu Dhabi, UAE.	Lu Lu Group	GPR & ERT
86	Topographic Survey In Khalidiyah Graveyard, Abu Dhabi, UAE.	Lu Lu Group	Topo Survey
87	Topographic Survey In Plot No-202-616-000-C25, Reem Island Abu Dhabi, UAE	Golden Planner Consultant	Topo Survey
88	Geophysical Investigation for Proposed Construction of Building in Plot No. 25-02-003-5, Falaj Hazza, Al Ain, UAE.	Emirates Lab	M MASW & GIS
89	Geophysical Investigation for Proposed Construction of Y Tower in Plot No - C61_63, Sector E14, Al Mina, Abu Dhabi, UAE.	Lotus	MASW
90	Geophysical Investigation for Proposed Construction of Villa in Plot # 116, Sector: MSH-26, Shakhbout City, Abu Dhabi, UAE.	Lotus	MASW
91	Geophysical Investigation for Proposed Construction of Masjid in Plot No. 81-03-046-11, Al Dhaher 3, Al Ain, UAE.	Modern Consultant	MASW & GIS
92	Geophysical Investigation Proposed Construction of Al Rawabi Dairy Company, Plot No. 922-111-000-118SR37, Sector ICAD III, Industrial City, Abu Dhabi, UAE.	Geoscience	MASW
93	Geophysical Investigation for Proposed Construction of Commercial Villa in Plot No. 13-02-037-4, Bida Bin Ammar, Al Ain, UAE.	Al Qassam Consultant	M MASW & GIS
94	Geophysical Investigation for Proposed Construction of Building in Plot No. 22-01-055-14, Wadi Al Ain, Al Ain, UAE.	Royal Dome	MASW & GIS

95	Geophysical Ground Penetrating Radar (GPR) Scanning to Identification Unmarked Graves at Jubail Island Abu Dhabi, UAE.	Gulf Lab	GPR
96	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2305, Liwa, Western Region, Abu Dhabi, UAE.	Terra Search	MASW
97	Geophysical Investigation at Proposed Construction of Abu Dhabi Police Central Morgue in Plot No. 199-111-000-P4, Al Shamkha, Abu Dhabi, UAE	Al Masfoufah	MASW
98	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2547, Liwa, Western Region, Abu Dhabi, UAE.	Terra Search	MASW

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

S/ No.	Project Name	Client Name	Geophysical Techniques
99	Topographic Survey in Plot No-202-999-000-P2, Abu Dhabi, UAE.	Makan Consulting Engineers L.L.C	Topo Survey
100	Topographic Survey in Plot No-103-000-000-7, Abu Dhabi, UAE.	HDP (Overseas) Limited	Topo Survey
101	Geophysical Investigation for Proposed Construction of Building in Plot No. 24-07-023-2, Sanaiya, Al Ain, UAE.	Silver Square	MASW
102	Geophysical Investigation for Proposed Construction Al Resala Shopping Center in Plot no. 123-010-000-C16, Baniyas, Abu Dhabi, UAE.	Al Masfoufah	MASW
103	Geophysical Investigation of Proposed Construction Etisalat Tower in Plot No. GSM 2548, Al Radaim, Western Region, Abu Dhabi, UAE.	Terra Search	MASW
104	Geophysical Investigation for Proposed Construction of Masjid in Plot no. 33-02-001-45, Neima, Al Ain, UAE.	Emirates Lab	MASW
105	Topographic Survey in Plot No-103-000-000-11, Sector RBW2, Abu Dhabi, UAE.	Makan Consulting Engineers L.L.C	Topo Survey
106	Geophysical Investigation for Proposed Construction of Residential building in Plot no. 2510, Sector- Rawdat Al Reef, Al Shahama, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW
107	Geophysical Investigation for Proposed Construction of Residential building in Plot no. 2511, Sector- Rawdat Al Reef, Al Shahama, Abu Dhabi, UAE.	Abu Dhabi Lab	MASW



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108	Geophysical Investigation at Proposed Installation Power Generation facility 4GTG at Das Island (NFFD Package III), Abu Dhabi, UAE	Lonestar	ERT
109	Geophysical Investigation at Proposed Construction of Small Investment House in Plot No. 07-02-012-61B, Al Khabisi, Al- Ain, UAE	Amartec	3DERT & MASW, GIS
110	Geophysical Investigation for Proposed Construction of Industrial Building in Plot No.24-07-015-016, Sanaiya, Al Ain, UAE.	Emirates Lab	MASW & GIS
111	Geophysical Investigation Proposed Construction of Shakhboot City Mall, Plot No. C1, Sector MSH41, Shakhboot City Abu Dhabi, UAE	Geoscience	MASW
112	Geophysical Investigation Proposed Construction of MBZ City Mall, Plot No. C1, Zone-15, Mohammed Bin Zayed, City Abu Dhabi, UAE	Geoscience	MASW
113	Geophysical Investigation using Geophysical Ground Penetrating Radar (GPR) Scanning in Fujairah Port, Fujairah, UAE .	Gulf Lab	GPR
114	Geophysical Investigation for Proposed Construction of Commercial Building in Sector 26-1, Plot No. C-13, Khalifa City , Abu Dhabi, UAE	Beirut Consulatnt	MASW
115	Geophysical Investigation at Proposed Construction of Bin Al Jesrain Co-operative Society Extension in Plot No. 005-236-000-C1, Sector MQ8, Al Maqta, Abu Dhabi, UAE.	Hannover	MASW

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S/ No.	Project Name	Client Name	Geophysical Techniques
1	Geophysical Investigation for Proposed Construction of Commercial Villa in Plot No.14-08-016-9, Al Muwaiji, Al Ain, UAE.	Al Masfoufah Lab	MASW
2	Consultancy Services to Study the Soil Hazards and Sabkhas, Design and Supervise Soil Improvement Works in Different Areas in Emirate of Abu Dhabi,UAE.	Altorth Consultant	MASW/ERT
3	Geophysical Investigation Proposed Construction of Residential Building in Plot No#103-000-000-28. Sector RBW2, Al Raha Beach- Abu Dhabi.	Bead Consultant	ERT



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4	Geophysical Investigation for Proposed Construction of Phase 8 Expansion Fujairah Port, Fujairah, UAE.	Hiap Seng Engineering Ltd Fze	MASW
5	"Consultancy Services to Study the Soil Hazards and Sabkhas, Design and Supervise Soil Improvement Works in Different Areas in Emirate of Abu Dhabi" Plot No.2, Sector.3, Shakhbout City, Abu Dhabi, UAE.	Altorth Consultant	MASW/ERT
6	Geophysical Investigation Proposed Construction of Sand Cat Breeding and Facilities in Al Ain Zoo, Plot No. 26-01-153-195, Al Ain, UAE.	Altorth Consultant	MASW
7	Geophysical Investigation for Proposed Construction of Al Mamlka Poultry Farm in Plot No. 57-05-803-162, Sweihan, Al Ain, UAE.	Development group consultant	MASW
8	Geophysical Investigations over Damage Villa in Plot No-IB:618, Al Falah City, Abu Dhabi, UAE	Esec International Contractor	MASW/ERT/GP
10	Geophysical Investigation for Proposed Construction of Commercial Building in Plot No. 24-05-007-8, Al Safrah, Al Ain, UAE.	Al Qassam consultant	MASW
11	Geophysical Investigation at Proposed Construction of Zayed City Infrastructure Package 1- South Spine Works, Abu Dhabi, UAE.	Tristar	MASW/ERT
12	Geophysical Investigation for Proposed Construction of Residential Villa in Plot no. 003-197-000-91, Sector MSH11, Shakhbout city, Abu Dhabi, UAE	Abu Dhabi lab	MASW
13	Geophysical Investigation for Proposed Construction of Zeino Pharma Building in Plot No-KHIA8-90 ,Khalifa port, Kizad, Abu Dhabi, UAE.	Al Khali Alamri Consultant	MASW
14	Geophysical Ground Penetrating Radar (GPR) Scanning to Identification of underground existing Utilities in Cast House 1, Emirates Global Aluminum, Jebel Ali, Dubai, UAE.	ABC Survey	GPR
15	Geophysical Investigation for Proposed Construction of Restaurant and SPA Building in, Plot No. 27-02-801-312, Jebel Hafeet, Al Ain, UAE	Advent Engineering Company	MASW
16	Geophysical Investigation Proposed Construction of Villa in Plot No.006-279-000-16, Sector ME16, MBZ City, Abu Dhabi, UAE.	Atlas Consultant Engineering	MASW
17	Geophysical Investigation for Proposed Construction of Livestock Farm in Plot No. 57-05-801-330, Ramlat Sweihan, Al Ain, UAE.	Arab Geotech	MASW
18	Geophysical Investigation Proposed Construction of Commercial & Residential Building in Plot No.C60, Sector	Ghantoot Group	MASW/ERT



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19	Geophysical Investigation Proposed Construction of new Internal Roads and Infrastructure in ,Shakhbout City-Abu Dhabi, UAE.	Ghantoot Group	MASW/ERT
20	Geophysical Investigation Proposed Construction of Civil Defence Service Building in Plot No. 06-03-001-10, Al Tawayya, Al Ain, UAE.	Altorath Consultant	MASW
21	Geophysical Investigation Proposed Construction of Masjid in Plot No-026-057-000-P1, Sector MZE22, Madinat Zayed, Western Region, Abu Dhabi. UAE.	NTCC	MASW
22	Geophysical Investigation Proposed Construction of Masjid in Plot No.P4, Sector SE25, Khalifa City, Abu Dhabi, UAE.	NTCC	MASW
23	Geophysical Investigation of Proposed Construction of New Quran Memorization center in Plot No-027-009-000-P1251, Ghayathi, Western Region, Abu Dhabi. UAE.	Basalt Lab	MASW
24	Geophysical Investigation of Proposed NDRC installation at Safa – Sheikh Zayed road, Dubai, UAE.	GTCC	MASW
25	Geophysical Scanning Tests R1045 Improvement of Interchange Nr.7 on Sheikh Zayed Road Dubai, UAE.	GTCC	MASW/ERT/GPR
26	Geophysical Investigation for Proposed Construction of Villa in Plot No-003-189-000-45, Sector: MSH3, Shakhbout City, Abu Dhabi. UAE.	Lotus Lab	MASW
27	Geophysical Investigation for Proposed Construction of Villa in Plot No-003-189-000-43, Sector: MSH3, Shakhbout City, Abu Dhabi. UAE.	Lotus Lab	MASW
28	Geophysical Investigation Proposed Construction of Labor and office Buildings in Plot No. 66-01-056-72, Al Mafqar 1, Al Ain, UAE.	Rash Construction	MASW
29	Geophysical Investigation of Proposed 2B+G+P+15 Building at Plot No-AFMU004B, AL Furjan, Dubai, UAE.	Al Mawazeen Lab	MASW
30	Geophysical Investigation Proposed Construction of a Veterinary Hospital in Plot No. P16, Al Dhafrah East, Al Wathba, Abu Dhabi, UAE	Al Masfoufah Lab	MASW
31	Geophysical Investigation Proposed Construction of Villa in Plot No# 003-194-000-4, Sector MSH8, Shakbout city, Abu Dhabi, UAE.	Sand Lab	ERT

32	Downhole Seismic Survey Test to Obtain The Most Detailed in Situ Seismic Shear And Compressional – Wave Velocities For Site-Specific Investigation at Dewa 700mw CSP, Mohammed Bin Rashid Al Maktoum Solar Park Phase IV, Dubai, UAE.	ERI	Downhole
33	Downhole Seismic Survey Test To Obtain The Most Detailed In Situ Seismic Shear And Compressional – Wave Velocities For Site-Specific Investigation At Layyah Power Plant Extension, Sharjah, UAE	Al Mawazeen Lab	Downhole
34	Geophysical Investigation of Proposed Construction Dubai Arena Chilled Water Connection, Sheikh Zayed road, Dubai, UAE.	GTC	MASW
35	Geophysical Investigation of Proposed Construction of Reem Tower for Tamouh Investment in Plot No#C14, Sector RT3, Al Reem Island, Abu Dhabi, U.A.E.	Matrix Lab	ERT
36	Geophysical Ground Penetrating Radar (GPR) Scanning to Identification Unmarked Graves at Plot No-001-161-000-P7, Sector E9_02, Zayani, Abu Dhabi, UAE.	Parson	GPR/ERT
37	Geophysical Investigation for the Proposed Construction of a Private Villa in Plot No. 003-214-000-59, Sector MSH 28, Shakhbout City, Abu Dhabi, UAE.	Basalt Lab	MASW
38	Geophysical Investigation for Proposed Construction of Investment Building in Plot No. 13-02-009-34, Bida Bin Ammar, Al Ain, UAE.	Arab Geotech	MASW
39	Geophysical Investigation for Proposed Construction of Masjid in Plot No. 33-01-015-12, Neima 1, Al Ain, UAE.	Future contractor	MASW
40	Geophysical Investigation Proposed Construction of Industrial Building in Plot No. 24-07-013-14, Saniyah, Al Ain, UAE.	Royal dome	MASW
42	Geophysical Ground Penetrating Radar (GPR) Scanning to Identification Unmarked Graves at Plot No-001-158-000-P128, Sector E4_01, Zayed City Cemetery 1, Abu Dhabi, UAE.	Parson	GPR
43	Geophysical Investigation Proposed Construction of Workshop in Plot No. 24-07-013-18, Saniyah, Al Ain, UAE.	Lucas Engineering Consultancy	MASW
44	Downhole Seismic Survey Test To Obtain The Most Detailed In Situ Seismic Shear And Compressional – Wave Velocities For Site-Specific Investigation At Al Qasba, Sharjah, UAE.	hasan Al Amir Soil Analysis	Downhole
45	Geophysical Investigation for Proposed Construction of DU Monopole in Plot No#025-231-000-AUH3672, Liwa, Western Region, Abu Dhabi. UAE.	Basalt Lab	MASW



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46	Geophysical Ground Penetrating Radar (GPR) Scanning to Identification Unmarked Graves at Plot No-001-158-000-P129, Sector E4_01, Zayed City Cemetery 1, Abu Dhabi, UAE.	Parson	GPR
47	Downhole Seismic Survey Test to Obtain The Most Detailed in Situ Seismic Shear And Compressional – Wave Velocities For Site-Specific Investigation at Dewa 700mw CSP, Mohammed Bin Rashid Al Maktoum Solar Park Phase IV, Dubai, UAE.	ERI	Downhole
48	Geophysical Investigation of Proposed Construction Du Tower in Plot No.030-007-000-AUH 3619, Sila, Western Region, Abu Dhabi, UAE.	Geoscience	MASW
49	Geophysical Investigation for Proposed Construction of Etisalat Tower, Plot No# GSM 2309, Liwa, Western Region, Abu Dhabi. UAE.	Basalt Lab	MASW
50	Geophysical Investigation of Proposed Construction of Villa, Plot No#026-003-000-274, Sector MZE1_02, Madinat Zayed, Western Region, Abu Dhabi. UAE.	Basalt Lab	MASW
51	Geophysical Investigation for Proposed Construction of a Mosque in Plot No. P1208, Sector Jarmada, Liwa, Al Dhafra Region, Abu Dhabi, UAE.	Basalt Lab	MASW
52	Geophysical Investigation at Proposed Construction of NMC Hospital Building Extension in Plot No. 15-04-004-8, Al Mutaredh, Al- Ain, UAE.	Advent Engineering Company	ERT
53	Geophysical Investigation of Proposed Construction Headquarter Building in Plot No. 26-01-153-195, Al Ain Zoo, Al- Ain, UAE	Salfo Engineering Consultant	ERT
54	Downhole Seismic Survey Test To Obtain The Most Detailed In Situ Seismic Shear And Compressional – Wave Velocities For Site-Specific Investigation At Plot No # Ms-5 Mohammed Bin Rashid City, Al Merkadh, Dubai, UAE.	Geoscience	Downhole
55	Geophysical Investigation for Proposed Construction of Poultry Farm, Plot No#027-009-000-T22, Ghayathi, Western Region, Abu Dhabi. UAE.	Basalt Lab	MASW
56	Geophysical Investigation at Proposed Construction of Commercial Building in Plot No.02-14-039-3, Al Hili, Al Ain, UAE.	Al Bunyan Consultant	MASW
57	Geophysical Investigation using Seismic Multi-Channel Analysis of Surface Waves (MASW-2D) & Electrical Resistivity Tomography (ERT-2D) at SECTOR MSH-21, Shakhbout City, Abu Dhabi, UAE.	Ghantoot Group	MASW/ERT
58	Geophysical Investigation at Plot No. P39 for the Proposed Construction Main Power upgradtaion and associated	Technical and trading LLC	MASW

59	Geophysical Investigation for Proposed Construction of K9 Security Search Building Extension in Plot No. 25-01-003-5, Al Mnaizlah, Falaj Hazza, Al Ain, UAE.	Arab Geotech	MASW/ERT
60	Geophysical Investigation at Plot No. P7 for the Proposed Construction Main Power upgradtaion and associated services, ruwais.	Technical and trading LLC	MASW
61	Geophysical Investigation at Plot No.DCH.A.001, AL KHEERAN FIRST, DUBAI, UAE.	Matrix Lab	ERT
62	Subsurface Investigation Using Ground penetrating Radar Scanning for detecting water leaks from water supply pipeline in private villa for Mr. Khalid Al Fahim	Mr. Khalid Al Fahim	GPR
63	Subsurface Investigation Using Ground penetrating Radar Scanning for detecting old steel anchors to guide the excavation work along the NDM water chilled pipeline safely.	Steel engineering consultants	GPR
64	Geophysical Investigation at Plot No. 009-014-000-95 for the Proposed Construction of villa, Al Rahba	Alaali engineering Consultant	MASW/ERT
65	Geophysical Investigation at Plot No-40B, Sector A8, Kizad, Abu Dhabi, UAE.	Lonestar	MASW
66	Geophysical Investigation for Proposed Construction of Abu Dhabi Future School Program (Phase 9) Extension in Plot No. 000-000-000-P1, Al riyad, South Shamka UAE.	Altorath Consultant	MASW
67	GEOPHYSICAL INVESTIGATIONS TO EVALUATE THE CONDITIONS OF EXISTING FOUNDATIONS EVALUATE THE CONCRETE CONDITION OF GRADE SLAB AND RAFT FOUNDATION OF EXISTING RESIDENTIAL AND COMMERCIAL BUILDING IN PLOT NO. 4210153, AL WARQA'A, DUBAI, UAE.	Al Mawaseen Lab	GPR/MASW
68	Geophysical Investigation at Plot No. 000-000-000-1012 for the Proposed Construction of villa, Madinat Al Riyad.	East Consultant	ERT
69	Geophysical Investigation at Plot No. P20 for the Proposed Construction of Poultry Farm, Madinat zayed , Al Dhafra Region.	Baslat lab	MASW
70	Geophysical Ground Penetrating Radar (GPR) Scanning to Identification of underground burried utilities , Abu Dhabi, UAE.	Wimpy Lab	GPR
71	Geophysical Investigation PROPOSED CONSTRUCTION OF 132 KV CABLE LAYING WORKS AT SHEIKH ZAYED ROAD, DUBAI, UAE.	GTC	MASW

Noted: MASW (Multi-Channel Analysis of Surface Waves), ERT (Electrical Resistivity Tomography), GPR (Round Penetration Radar)

LIST OF PROJECTS SUPERVISED BY THE TECHNICAL MANAGER OF TATWEER:

S/ No.	Project Name	Client / Consultant	Geophysical Techniques & Geophysical Contractor	Report Submittal Dates
1	Groundwater assessment project Abu Dhabi	The Office Of H. H. The President Of The UAE	Department Of Water Resources Studies-Abu Dhabi	2004-2006
2	Geophysical investigation report for two cavities area Project expansion of Abu Dhabi International airport	Scadia Parsons	ERT-Baynunah Laboratories	March 2008
3	Geophysical investigation Report Electrical resistivity tomography investigations, Al Falah community development project	Al Dar Properties\Fluor, Langan	15 Reports ERT-Capital Surveys	January 2010 to July 2010
4	Abu Dhabi medical rehabilitation centre Khalifa city A, Abu Dhabi, UAE	Tilke & Partners W.L.L.	ERT-Capital Surveys	January 2011
5	Proposed UAE University Campus Infrastructure Development, Al Ain UAE	Aecom	ERT-Capital Surveys	March 2011
6	Geophysical Investigating At Gulf Rubber Factory, Al Ain, UAE	Orion Contracting	ERT-Capital Surveys	March 2011
7	Proposed residential compound Infrastructure Development, Al Ain, UAE	Tmkn Properties\Alfara'a	ERT-Capital Surveys	April 2011
8	Wahat Al Nakheel Hotel Apartments, Al Ain, UAE	Tmkn Properties \ Alfara'a	ERT-Capital Surveys	May 2011
9	Villa Construction Development at Khalifa City "B" Abu Dhabi, UAE	Mr. Ismael al zarouni \ Shankland Cox	ERT-Capital Surveys	May 2011
10	Clinical Hospital, Al Falah, Abu Dhabi	Abu Dhabi Health Services Company (SEHA)\ Astorino	ERT-Capital Surveys	June 2011
11	Geophysical electrical resistivity tomography (ERT) for al Khabisi site	Abu Dhabi Health Services Company (SEHA)\ Astorino	ERT-Capital Surveys	July 2011
12	Villa Construction Development, Khalifa City "B" Abu Dhabi, UAE	Mr. Khamis Al Rumaithy	ERT-Capital Surveys	August 2011
13	Proposed Clinical Hospital Construction, Khalifa City B	Abu Dhabi Health Services Company (SEHA)\ Astorino	ERT-Capital Surveys	October 2011
14	Land electrical resistivity tomography (ERT) Investigations along deep tunnel sewer	Adssc\Samsung C & T Corporation	ERT-Capital Surveys	October 2011



مؤسسة خليفة لتطوير المشاريع
Khalifa Fund for Enterprise Development



	Construction			
15	Ert Survey Analysis Along Marine Tunnel System	Adssc\Samsung C & T Corporation	Marine ERT-Capital Surveys	October 2011
16	Al Sowwah island roads, bridges and infrastructure Al Sowwah island, UAE	Mubadala real estate & hospitality \ Ws Atkins & partners overseas	ERT-Capital Surveys	October 2011
17	Construction Works Associated with Al Waha Land Industrial Park Musafah, Abu Dhabi, UAE.	Al Waha Land	ERT- Aces\Dubai Branch	March 2012
18	Technical geophysical investigation under villa settlement	Crown Prince Muhammed Bin Zayed	MASW & GPR- ACES\Dubai branch	March 2012

S/ No.	Project Name	Client / Consultant	Geophysical Techniques & Geophysical Contractor	Report Submittal Dates
19	Technical Investigation at the Unknown Obstruction, NDRC-Liwa Road, Abu Dhabi, UAE	Nael & Bin Harmal Hydroexport Est.	ERT & GPR- ACES	April 2012
20	Proposed Police School project in Al Foah Al Ain, UAE	Abu Dhabi Police Department \ APG Arch. & Planning Group	MASW- Aces\Dubai Branch	June 2012
21	Identification of Unmarked graves at Al Bateen Cemetery	Parson	GPR- ACES\Dubai branch	July 2012
22	Shopping and Residential Complex in Al Ain Downtown, Al-Ain, UAE	General Authority of Islamic Affairs & Endowment\ Granada Archt. & Consulting Engineers	ERT & MASW- Aces\Dubai Branch	September 2012
23	Subsurface Investigation Using Ground Penetrating Radar To Assess Proposed Paid Parking Development Site For Possible Unmarked Graves Across Al Ziani Cemetery, Abu Dhabi City, UAE	Abu Dhabi General Transport Company (Dot)	GPR- ACES\Dubai branch	September 2012
24	Proposed Abu Dhabi Future School Program Phase IV Al- Neima- Al Ain, UAE	Aecom Middle East Ltd.	MASW- ACES\Dubai branch	October, 2012
25	Proposed construction of the royal hospital at al salam street in Al Ain, UAE	Cities Building Construction co.	MASW- ACES\Dubai branch	October, 2012



مندوقية خليفة لتطوير المشاريع
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26	Exact Demarcation for several types of the underground utilities located along the proposed trenches for installing electrical cable at terminal 1 of Eppco House	Consilium	GPR- ACES\Dubai branch	November 2012
27	Construction Works Associated with Rehabilitation and replacement of VC Sewer Lines Musafah Industrial Area, Abu Dhabi	Tamas Projects	MASW & ERT- ACES\Dubai branch	November 2012
28	Geophysical investigation for Proposed Abu Dhabi future school program phase iv- Salamat Al Ain, UAE	Aecom Middle East Ltd.	MASW- ACES\Dubai branch	November 2012
29	Proposed EAI Head Quarter site, Abu Dhabi, UAE	Elite Design & Engineering Consultancy L.L.C	ERT- Aces\Dubai Branch	December 2012
30	Geophysical investigation for Proposed Abu Dhabi education council School – phase 4 at al Shawamekh, Abu Dhabi, UAE	Keo International Consultants	ERT- ACES\Dubai branch	December 2012
31	Proposed GTC 422/2011: Consultancy services for water security mega reservoirs at um-salal (prps-2), thumaimah-prps-5 and rawdat rashid (prps-3) sites Doha, state of Qatar	Qatar General Electricity and Water Corporation/ Hyder Consulting Middle East Limited	MASW-Aces\Dubai Branch	March 2013
32	Al Hayir Clinic Hospital Construction, Al Ain, UAE.	HDP Overseas Ltd	ERT-Capital Surveys	March 213
33	Installation, Testing And Commissioning Of 33/11kv Substation At Port Of Fujjarah, UAE	Fewa \ Emirates Trading Agency LLC (power project division)	ERT- Aces\Dubai Branch	April 2013
34	REGIONAL GRAVITY SURVEY FOR HKJ-1988-2000	NRA	Gravity Survey-Grid spacing 1x1 km.	1988-2000
35	Detail Gravity Survey in the Jordan Rift valley	NRA	Gravity Survey-Grid spacing 100x100 m.	1995