



PRESENTATION FOR DRONE SURVE



ABOUTTHECOMPANY

SERVICES

CLIENTS

PROJECTS

SURVEYEQUIPMENTS

EBEESENSEFLY(DRONE)

PIX4D&CONTEXTCAPTURE

SIMILARWORK

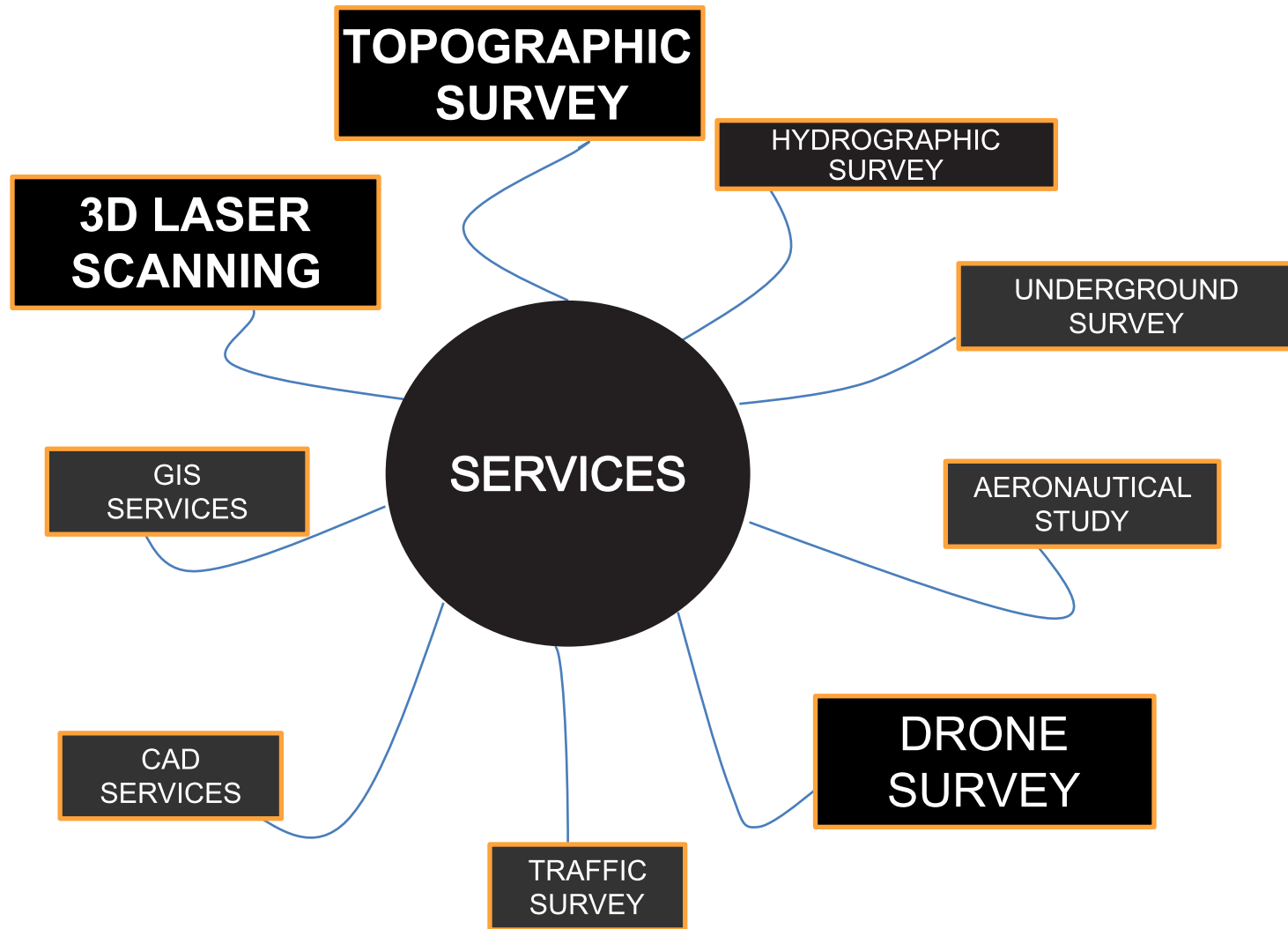
Established in May 2001

Proven track record of undertaking and executing several large projects

On-time and accurate deliverables using most advanced and sophisticated software and equipments.

Providing services in UAE, KSA and INDIA.







AECOM PARSONS JAMAC ATKINS



S.NO	CLIENT	SCOPE OF WORK	STATUS	COST (AED)
1	GEMS SCHOOL	As-Built Survey using 3D Laser Scanning of Seven (7) Schools	2018 - Present	180,270.00
2	ABU DHABI MUNICIPALITY	Conversion of Legacy Building Permit Drawings into GIS Database	2017 - Present	6,228,680.00
4	ABU DHABI PORTS	Borrow Pit Management Services in KIZAD B	2017 - Present	250,680.00
3	ABU DHABI PORTS	On Shore Site Surveying Services at Taweelah	2017 - Present	159,530.00
5	ACWA POWER	Topographic Survey for 200 MW CSP independent Power Project Phase IV at Mohammad Bin Rashid Al Maktoum Solar Park (Sai Al Dahal Area)	Completed 2017	112,320.00
6	SAIF BIN DARWISH	Digital Othophoto Mapping & Digital Terrain Model with Aerial Photography and Volumetric Survey for Siji Quarry Site, Fujairah.	Completed 2017	29,700.00
7	GHANTOOT GROUP	Topographic Survey & Underground Utilities Survey for Reem Mall, Sector RR1, Plot C5, Reem Island, Abu Dhabi, UAE	Completed 2017	24,900.00

S.NO	CLIENT	SCOPE OF WORK	STATUS	COST (AED)
9	THE NATIONAL MUSEUM OF RAS AL KHAIMAH	3D laser Scanning for The National Museum of Ras Al Khaimah	Completed 2016	189,990.00
10	DAMAC PROPERTIES CO. LLC	Topographic Survey Works FOR Master plan Development, AKOYA 3, Dubai U.A.E.	Completed 2016	22,000.00
11	ITECH	Merrass Health Care Clinic: Full Internal and External Laser 3D Scanning using P40 Scanning System with scanned accuracy of 5mm or better point spacing	Completed 2015	50,000.00
12	PARSONS OVERSEAS LIMITED	Topographic & feature Survey Works for Teejan M8 & M10 Development	Completed 2015	102,818.00
13	DUBAI HEALTH AUTHORITY	Topographic I Uility and infrastructure Survey for Rashid Hospital Complex	Completed 2015	155,000.00
14	EMAAR PROPERTIES PJSC	Topographic Survey for MBR Dubai Hills Estate, Dubai UAE	Completed 2015	98,320.00



Leica Scanstation P40

Leica BLK360 Imaging Scanner



eBee senseFly



RD 1000 GPR

RD 8000



- **Groundsampling distance (GSD) of down to 1.5 cm (0.6 in) per pixel for low flights**

- **Communicates with eMotion via USB ground modem, approx. 3km range**

- **Up to 50 min flight time and analyses data from onboard GPS**

- **18.2 MP RGB camera, with thermal imaging and eMotion**

- **Covers up to 12km² (4.6mi²) in a single automated flight**



HARDWARE

Wingspan	96 cm (37.8 in)
Weight (inc. supplied camera & battery)	Approx. 0.69 kg (1.52 lb)
Motor	Low-noise, brushless, electric
Radio link range	3 km nominal (up to 8 km)**
Detachable wings	Yes
Camera (supplied)*	senseFly S.O.D.A. (20MP)
Cameras (optional)	Sequoia, thermoMAP, S110 NIR/RE
Accessories (optional)	Radio tracker, backpack, camera protection kit

SOFTWARE

Flight planning & control software (supplied)	eMotion
Image processing software (optional)	Pix4Dmapper Pro

OPERATION

Automatic 3D flight planning	Yes
Cruise speed	40-90 km/h (11-25 m/s or 25-56 mph)
Wind resistance	Up to 45 km/h (12 m/s or 28 mph)
Maximum flight time	50 minutes
Maximum coverage (single flight)	12 km ² (4.6 mi ²)**
Automatic landing	Linear landing with ~ 5 m (16.4 ft) accuracy
Multi-drone operation	Yes
Ground control points (GCPs)	Optional
Oblique imagery	0 to -50°

RESULTS

Ground sampling distance (GSD)	Down to 1.5 cm (0.6 in) / pixel****
Absolute horizontal/vertical accuracy (w/GCPs)	Down to 3 cm (1.2 in) / 5 cm (2 in)
Absolute horizontal/vertical accuracy (no GCPs)	1-5 m (3.3-16.4 ft)



Pix4Dmapper turns your images into highly precise, georeferenced 2D maps and 3D models. It is a photogrammetry software for professional drone-based mapping, purely from images.

ContextCapture create 3D Model from simple photographs. With ContextCapture, you can quickly produce even the most challenging 3D models of existing conditions derived from simple photographs..





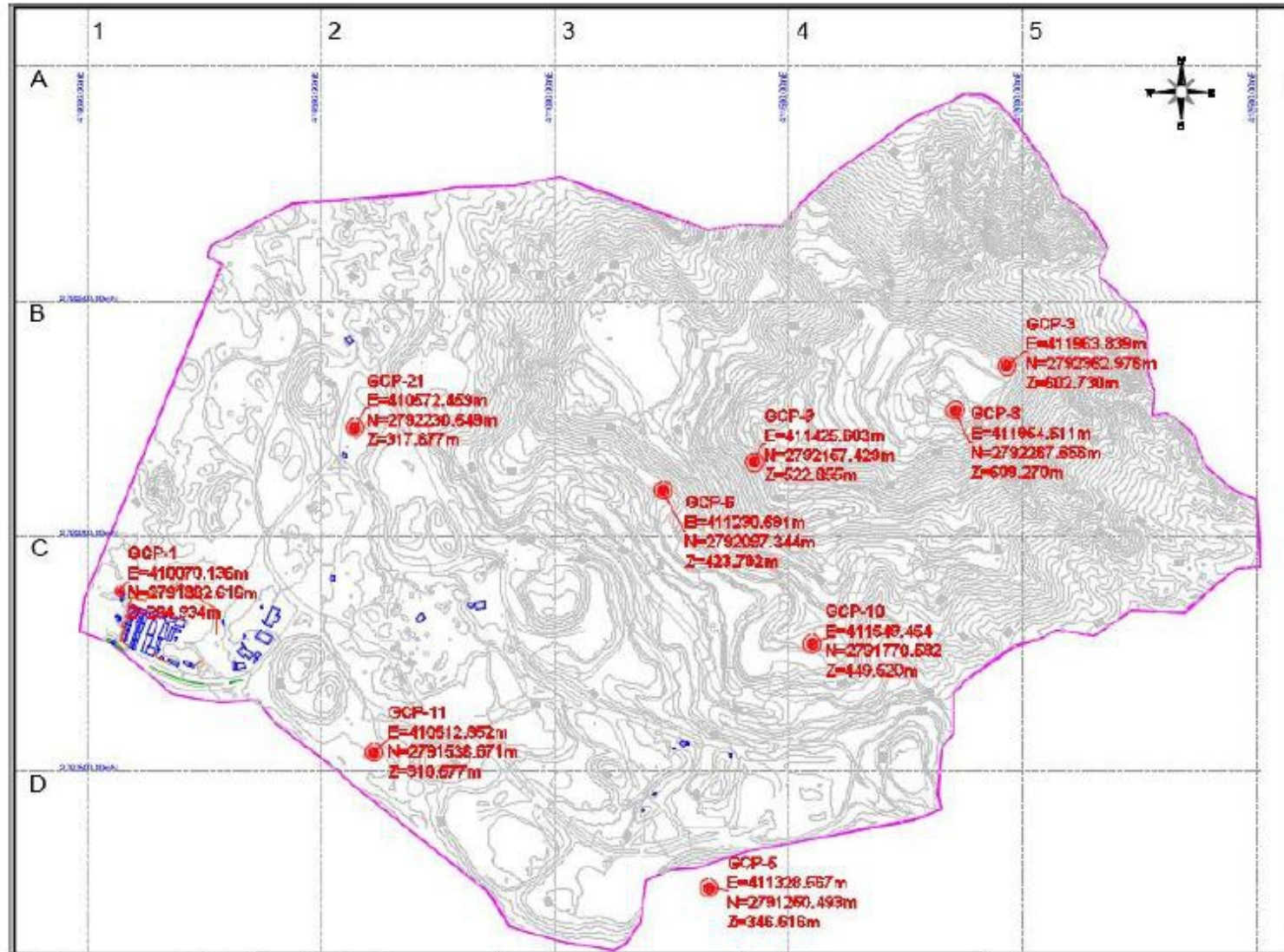
SIMILAR WORK

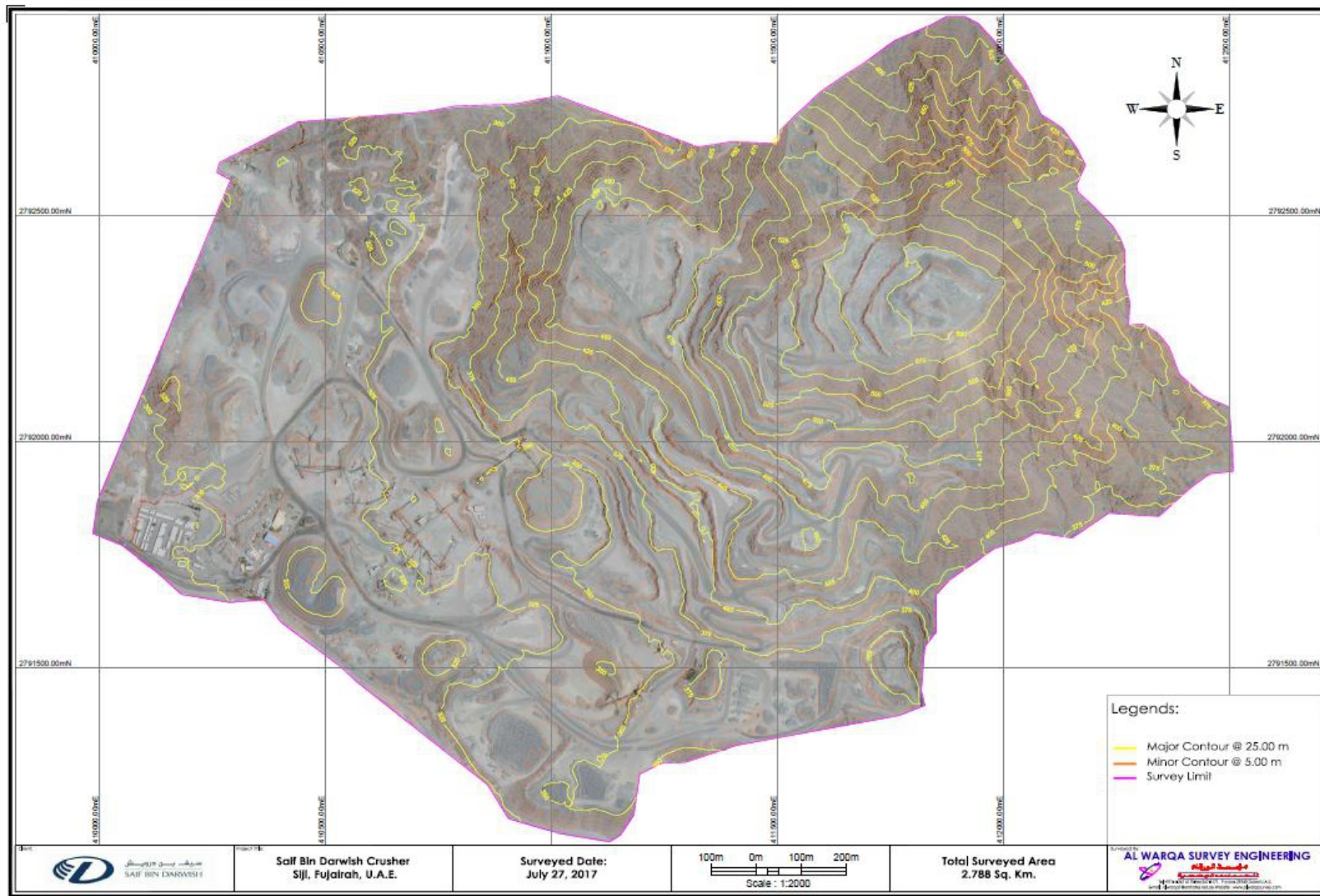
DIGITAL ORTHOPHOTO MAPPING & DIGITAL TERRAIN MODEL WITH AERIAL PHOTOGRAPHY AND VOLUMETRIC SURVEY FOR SIJI QUARRY SITE, FUJAIRAH.

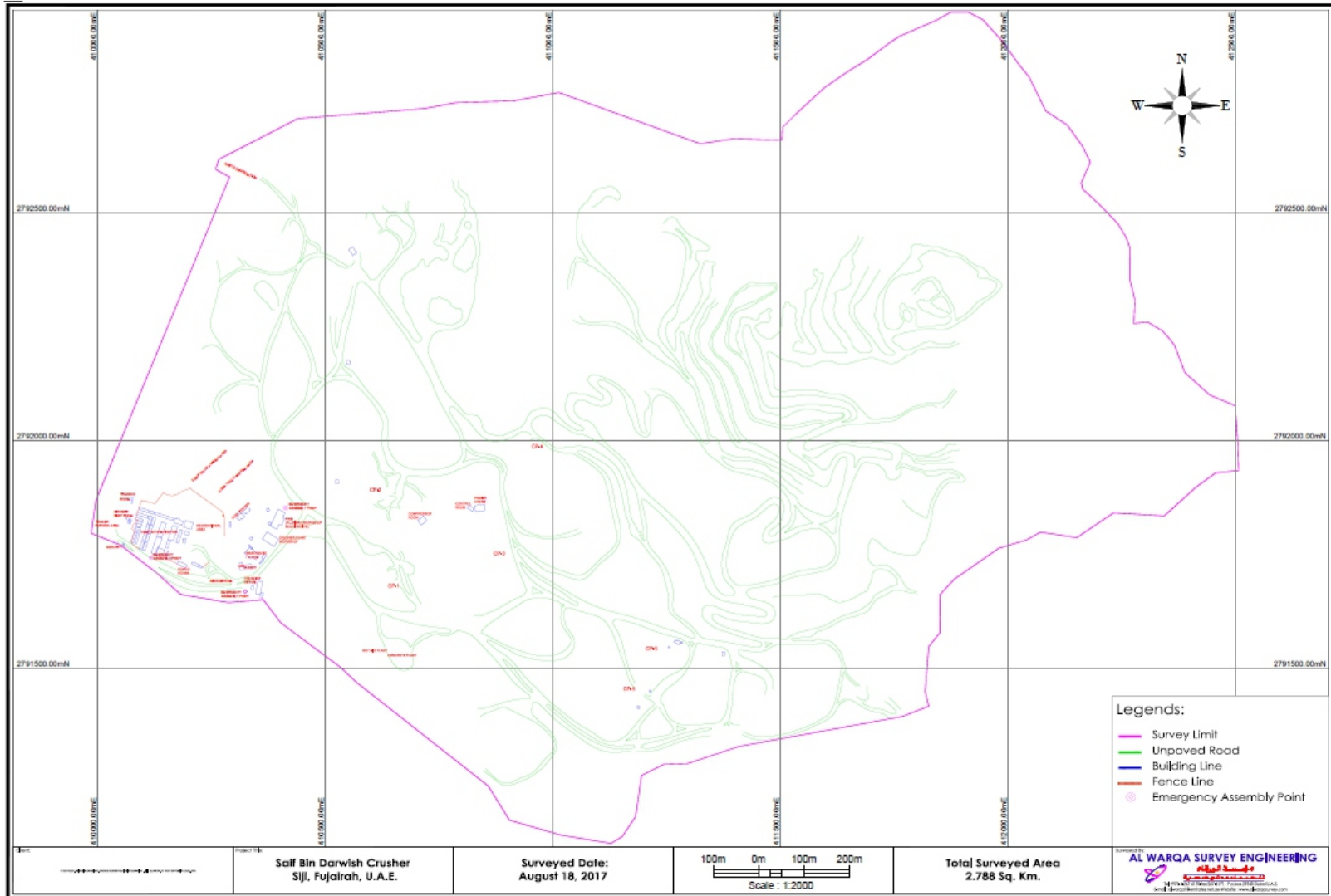
CLIENT

SAIF BIN DARWISH

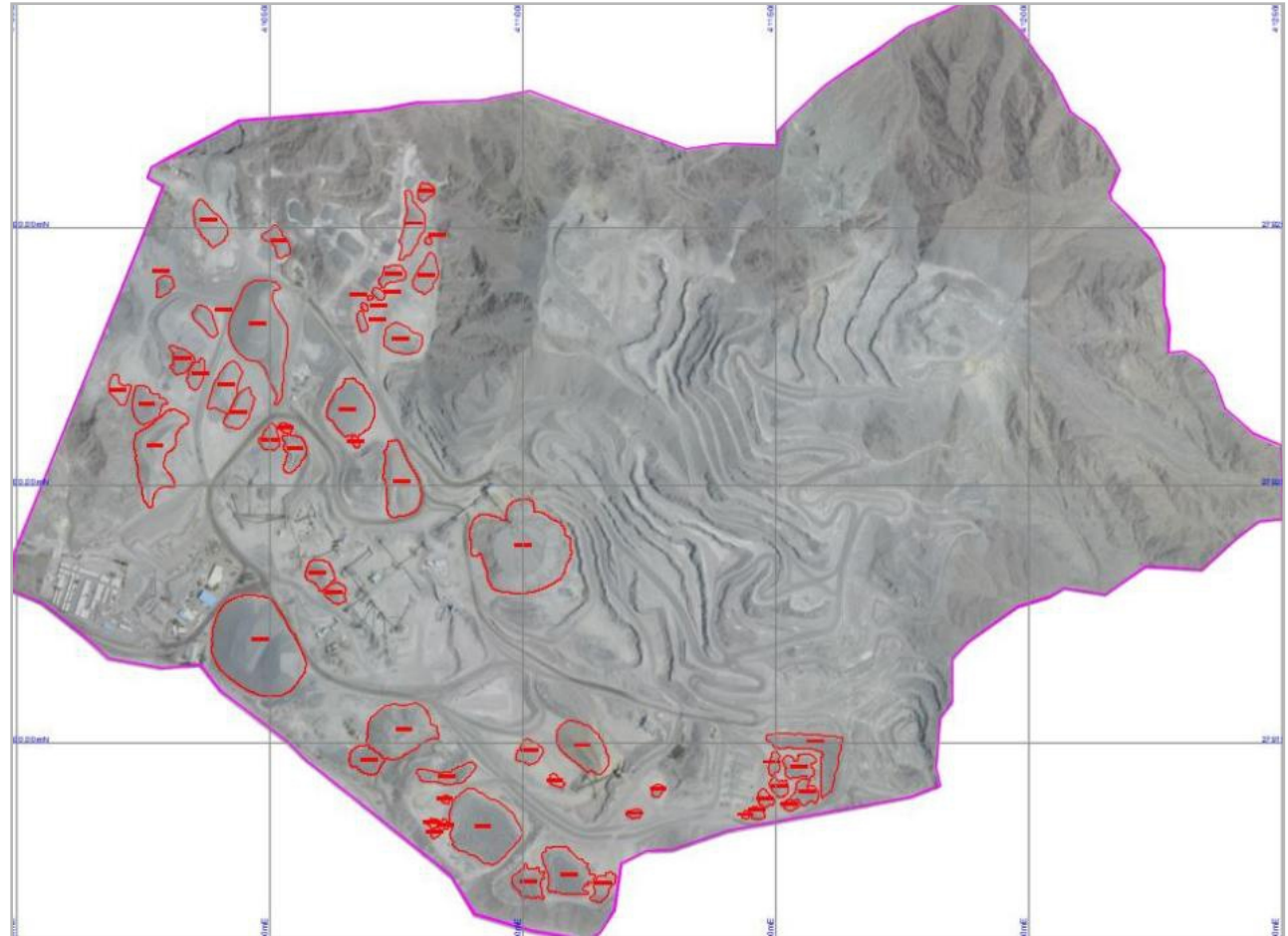








Siji Stocks Verification				
Stock #	Compute	Description	VOLUME DETAILS	
	Yes / No		VOLUME Cu.M	AREA (Sq.M)
Stock 1		Roadbase	15,365.14	3,733.41
Stock 2		10-35 mm	2,790.10	1,807.22
Stock 3	NO	SAMPLE	N/A	N/A
Stock 4	NO	SAMPLE	N/A	N/A
Stock 5	NO	SAMPLE	N/A	N/A
Stock 6		1-60 kg	3,650.29	3,808.68
Stock 7		2-6 inch	859.44	828.68
Stock 8	NO	SAMPLE	N/A	N/A
Stock 9	NO	SAMPLE	N/A	N/A
Stock 10	NO	SAMPLE	N/A	N/A
Stock 11	NO	SAMPLE	N/A	N/A
Stock 12	NO	SAMPLE	N/A	N/A
Stock 13		2-7 inch	168.45	156.16
Stock 14		Road base	2,712.15	1,048.88
Stock 15		0-5mm	4,197.12	1,738.97
Stock 16		0-5mm	164,080.97	16,129.72
Stock 17		5-40KG	2,208.10	1,499.59
Stock 18		40-200 KG	524.34	397.39
Stock 19		40-200 KG	57.27	82.37
Stock 20		40-200 KG	104.54	148.61
Stock 21		40-200 KG	586.45	542.07
Stock 22		2-6 inch	2,342.11	2,488.50
Stock 23		40-200KG	4,212.42	3,447.48
Stock 24		Roadbase	5,103.70	1,744.77
Stock 25		Roadbase	2,099.35	1,474.17
Stock 26		10mm	14,788.16	4,156.19
Stock 27		10mm	7,981.00	2,790.86
Stock 28		3-5mm	1,028.50	1,573.92
Stock 29		20mm	9,938.97	3,427.90
Stock 30		0-5mm	59,208.68	10,476.11
Stock 31		Roadbase	2,465.08	1,448.33
Stock 32		Roadbase	365.31	357.31
Stock 33		Roadbase	6,552.68	2,520.81
Stock 34		300-1000kg	17,449.12	7,448.16



END OF PRESENTATION

THANK YOU. 😊