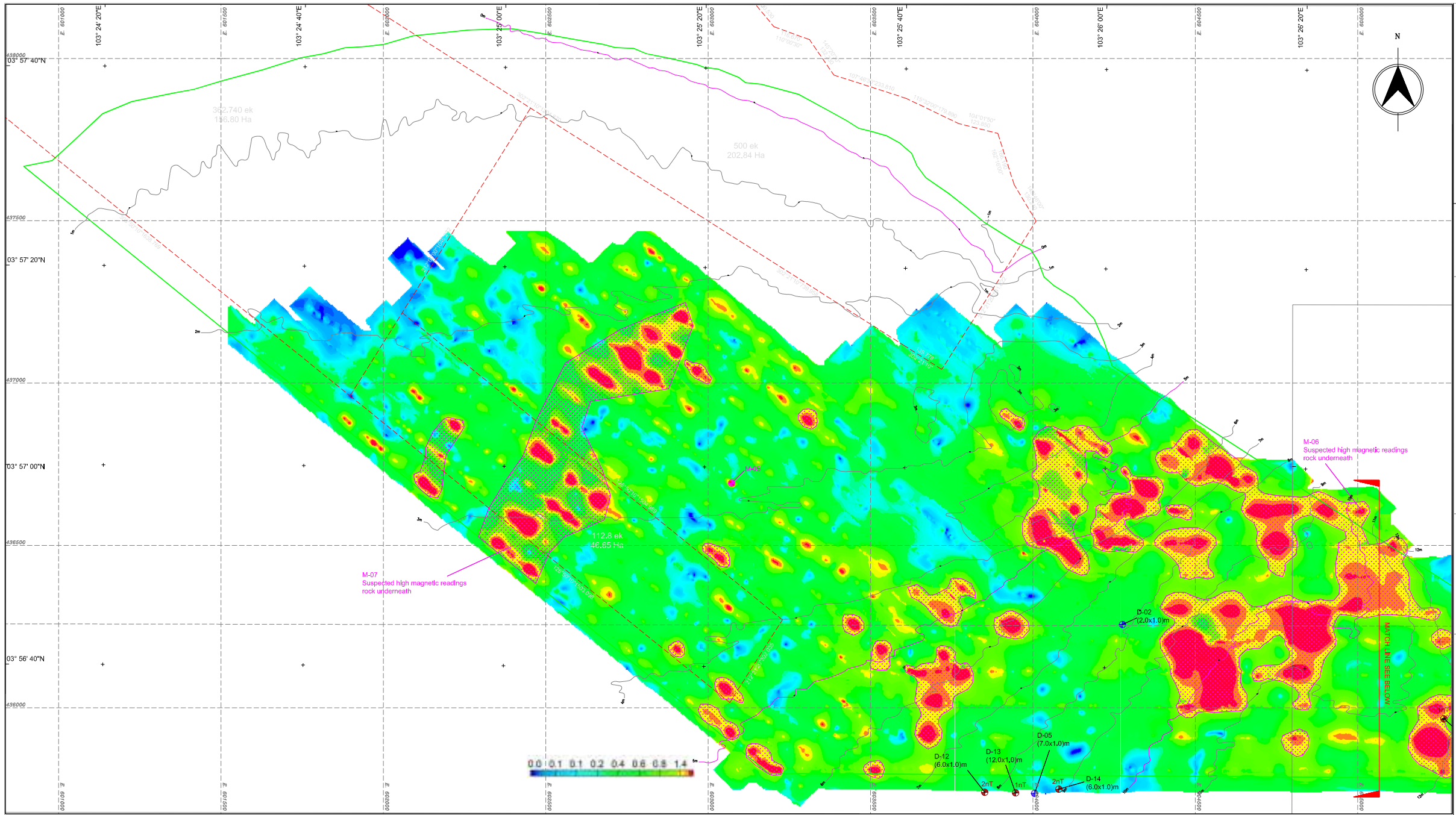
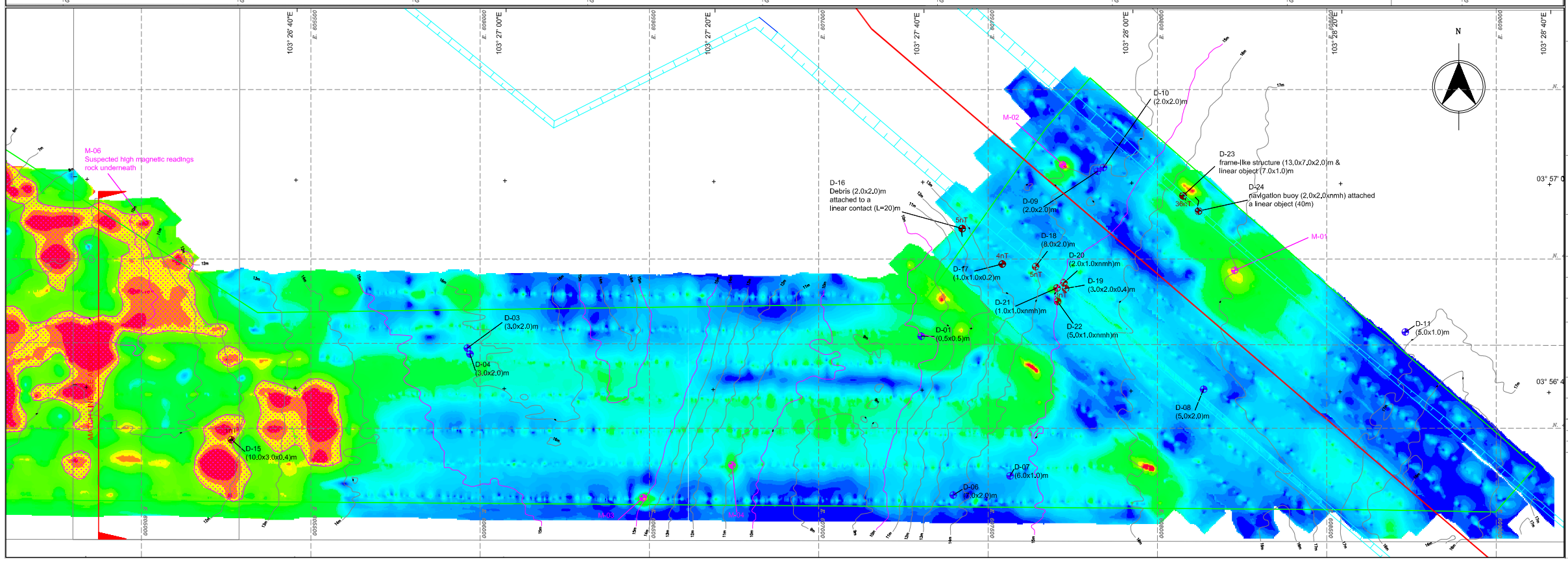
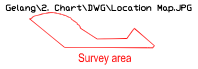




LOCATION DIAGRAM



LEGEND / NOTES :

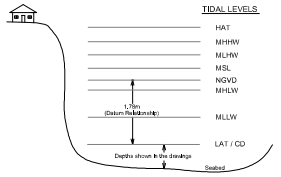
1. All measurements are in metres.
2. Coordinates is in MRSO .
3. All levels are based on Bench Mark No. BM C0331 (RL : 3,844m NGVD) (RL : 5,620m CD).
4. Chart Datum at Tanjung Gelang is 1.78m Below Land Survey Datum (NGVD).
5. Horizontal Datum was adopted from 3 proven boundary marks at Lot 27099 (PA 128126).

NOTES :

TIDAL LEVELS AT TANJUNG GELANG
(Abstracted from Royal Malaysian Navy Tide Table 2016)

		NGVD (m)	LAT/CD (m)
Highest Astronomical Tide (HAT)	:	2.06	3.84
Mean Higher High Water (MHHW)	:	1.56	3.34
Mean Lower High Water (MLHW)	:	0.50	2.28
Mean Sea Level (MSL)	:	0.14	1.92
Land Survey Datum (NGVD)	:	**0.00**	**1.78**
Mean Higher Low Water (MHLW)	:	-0.21	1.57
Mean Lower Low Water (MLLW)	:	-1.28	0.50
Lowest Astronomical Tide (LAT) @ Chart Datum (CD)	:	-1.78	0.00

DATUM RELATIONSHIP DIAGRAM



GEODETIC INFORMATION :

Geodetic Data

Spheroid	: Malayan Revised Everest
Semi Major Axis	: 6 377 304.063 metres
Semi Minor Axis	: 6 356 103.039 metres
Eccentricity Squared	: 0.006 637 846 6062
Reciprocal Flattening (1/f)	: 300.8017

Origin of Meridian of Reference

Projection	: Pahang State Cassini
Origin of Meridian of Reference	: G. Sinyum
Longitude of Origin (CM)	: E 102° 26' 10.24" E
Latitude of Origin	: N 03° 42' 39.50" N
False Easting	: 0 m
False Northing	: 0 m

LEGEND :

- Survey limit
- Suspected high magnetic readings rock underneath
- D-01 Debris with dimension in meter (LxWxH)
- D-12 Debris associated with magnetic anomaly (nT) suspected metallic object in dimension (m)
- M-01 Isolated magnetic anomaly from magnetometer (nT)

CLIENT :

Muhibbah Engineering (M) Bhd
Lot 586 & 579 , 2nd Mile
Jalan Batu Tiga Lama
41300 Klang
Selangor Darul Ehsan
Tel: (603) 3342 4323 Fax: (603) 3342 4327

PROJECT TITLE:

SIDE SCAN SONAR AND MAGNETOMETER SURVEY
AT TANJUNG GELANG, KUANTAN

DRAWING TITLE:

MAGNETIC ANOMELY MAP

Surveyed By: Jurukur Perunding Services Surveyor	Date Of Survey: 13th - 15th July 2016
Plotted By: Mastura	Drawn By: Mastura
Checked By: Shafizie / Hairul	Approved By: Sr. Lee Chenk Hock

HORIZONTAL SCALE: 1: 5,000

-50 0 50 100 200 300 500 m

Surveyor's Drawing No : JPWS/16/PHG/533/008	Drawing Date : 22nd August 2016
Client's Drawing No :	Sheet No : / Rev :

REVISION	DATE	REPORT NO : 918/2016

Chartered & Licensed Land Surveyors :

JURUKUR PERUNDING SERVICES SDN. BHD. (1293004-T)
7 , JALAN PERUSTAM PBP 3
TAMAN PERUSTAM PUSAT BANDAR PUCHONG
47100 PUCHONG , SELANGOR DARUL EHSAN
TEL : (603) 8403 3235 FAX : (603) 8042 2999
e-mail : surveys@jpservs.com