

Portfolio

Kirkuk City

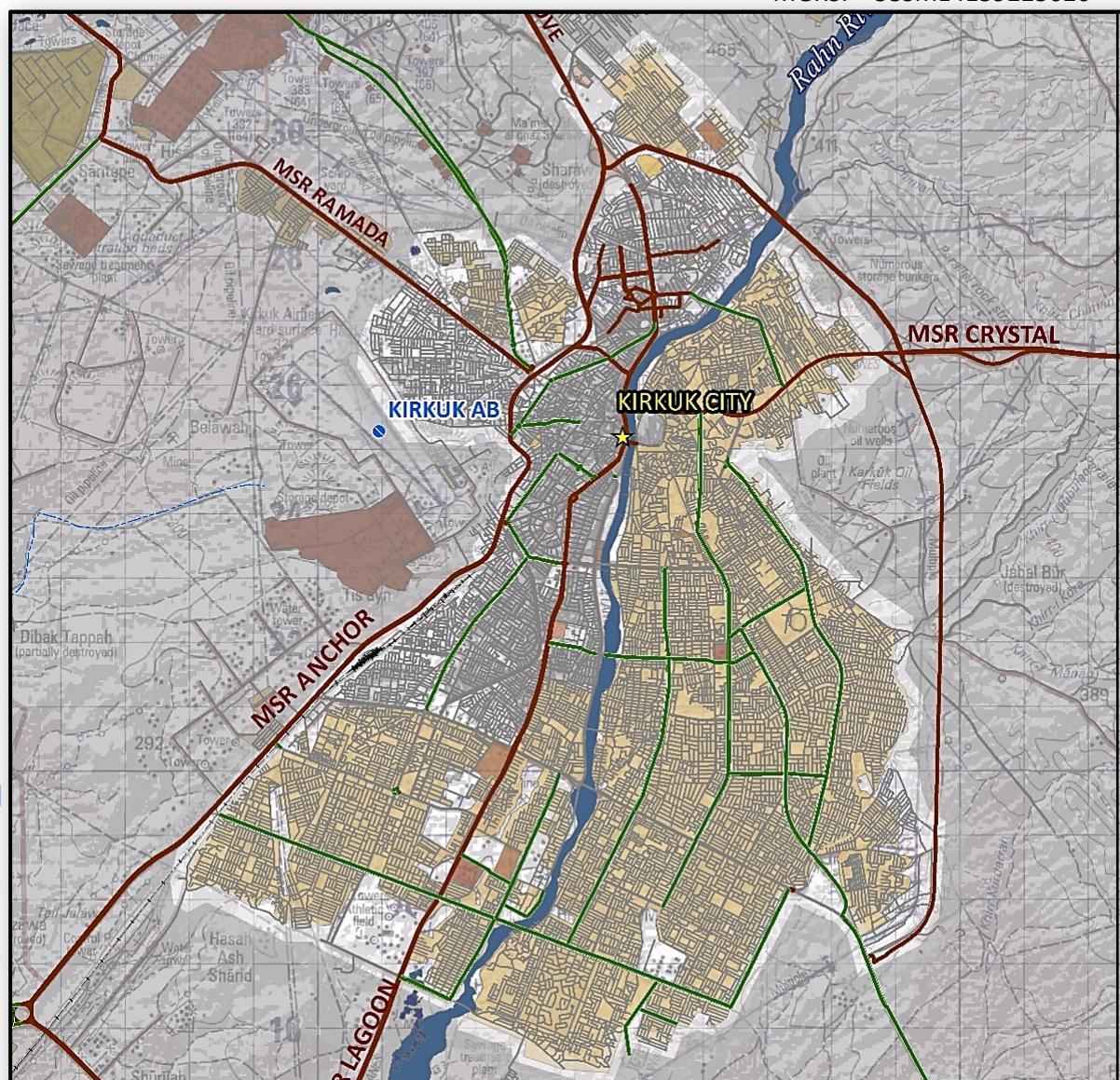
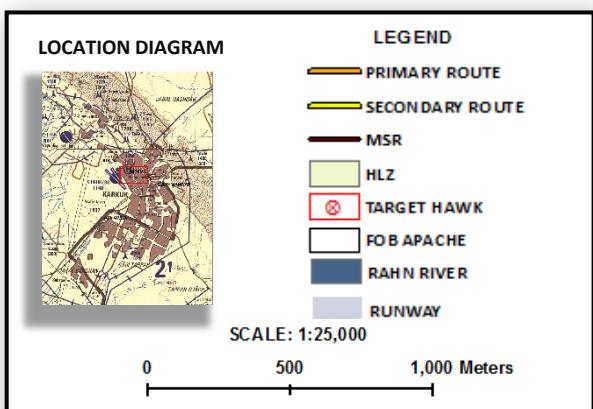
Cathy Millan

AREA OF INTEREST

TACTICAL ENVIRONMENT

KIRKUK CITY

- AREA OF OPERATION CONSIST OF THE COUNTRY OF IRAQ
- 168,754 SQ MI
- 37.2 M TOTAL POPULATION
- GROSS DOMESTIC PRODUCT 223 BILLION (EST. 2018)
- 53,623 KM PAVED ROAD
- 102 AIRPORTS
- TIME ZONE GMT +3
- PRESIDENT : BARHAM SALIH
- OFFICIAL LANGUAGE: ARABIC
- RELIGION: ISLAM



TARGET AREA

MGRS: + 38SME4159225626

TACTICAL ENVIRONMENT

KIRKUK CITY

- TARGET HAWK LOCATED W
- 3.1KM FROM FOB APACHE
- BUILDINGS RANGE FROM 3-4 METERS

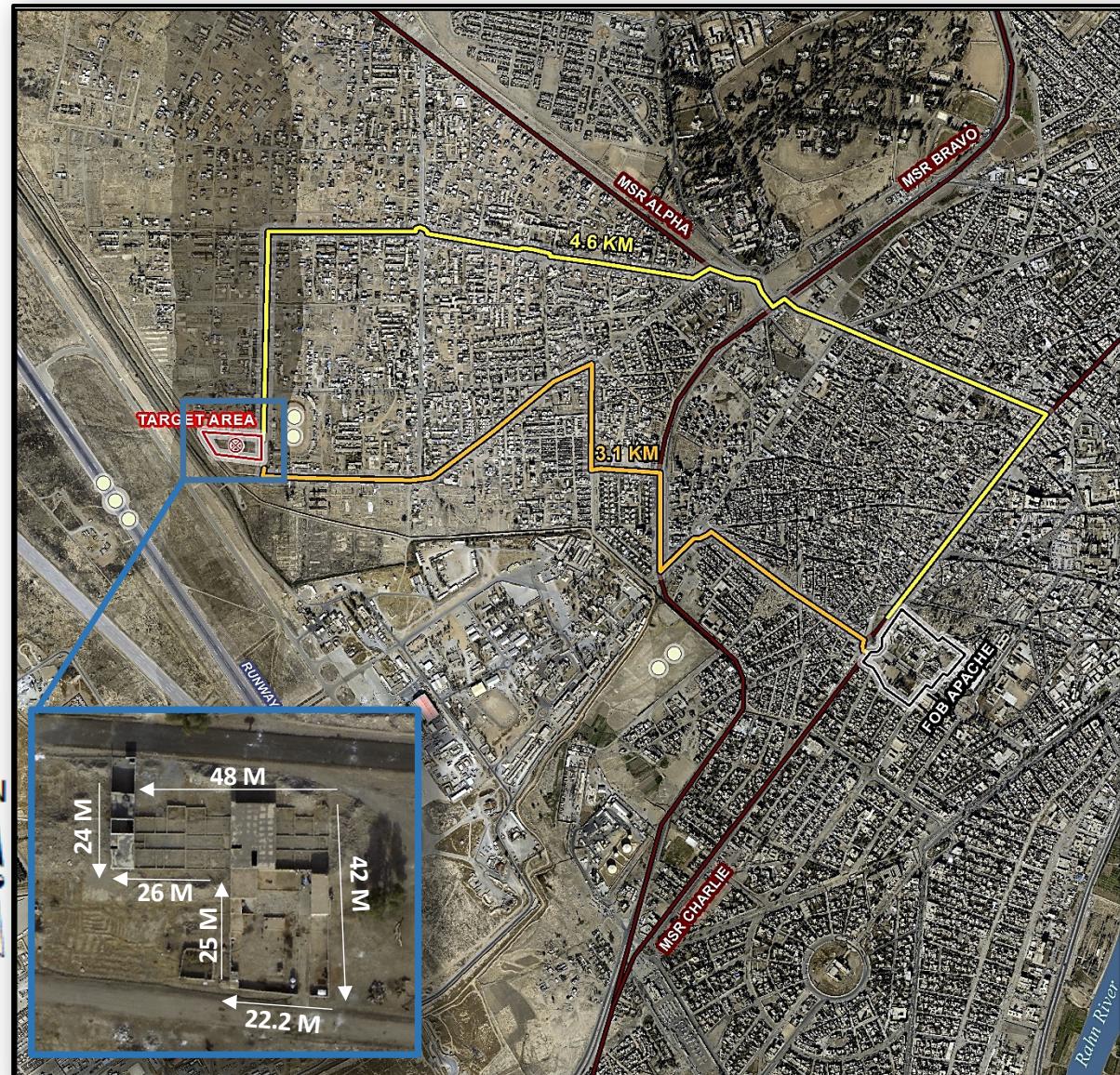
LOCATION DIAGRAM

LEGEND

- PRIMARY ROUTE
- SECONDARY ROUTE
- MSR
- HLZ
- (X) TARGET HAWK
- FOB APACHE
- RAHN RIVER
- RUNWAY

SCALE: 1:25,000

0 500 1,000 Meters



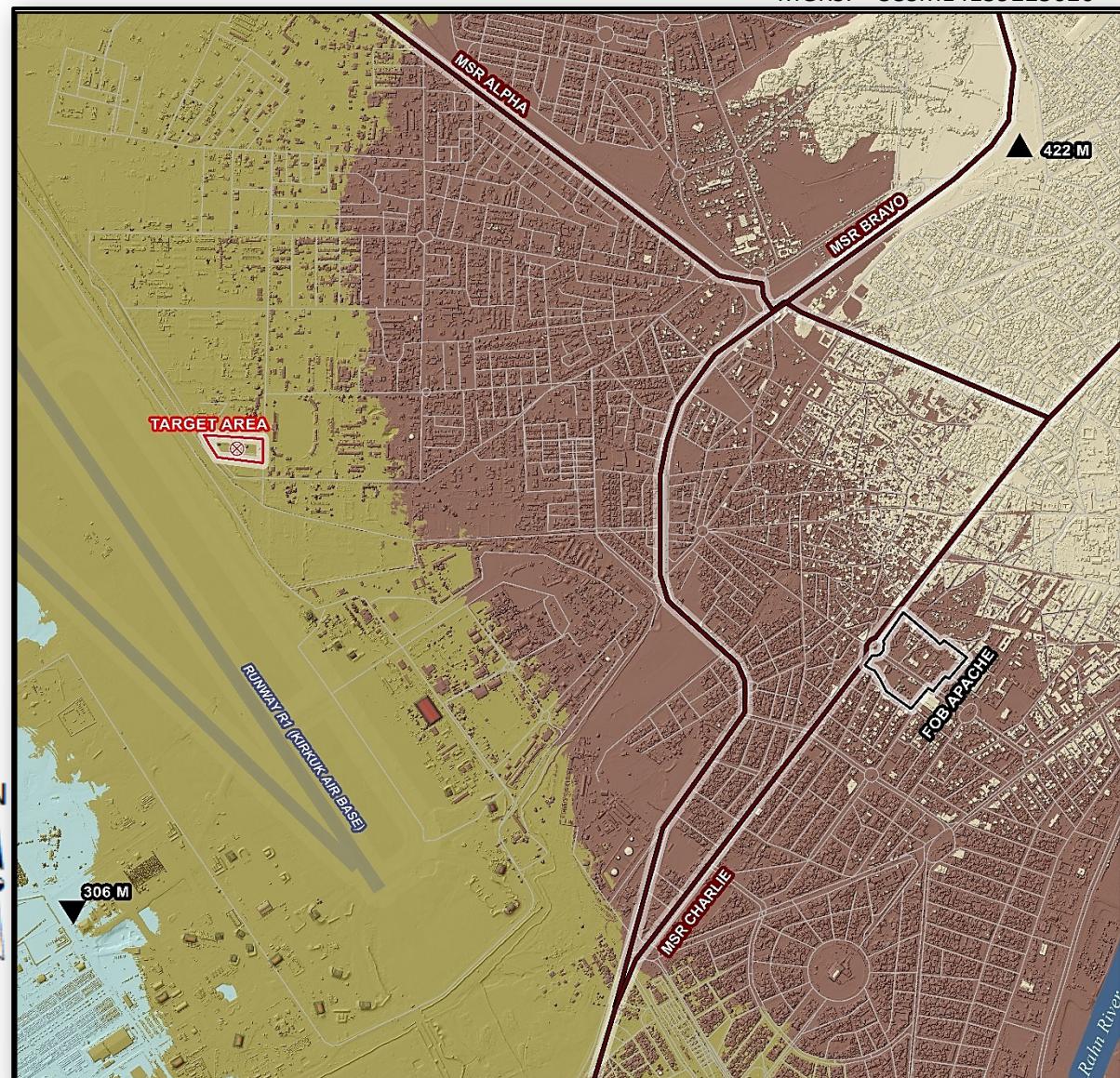
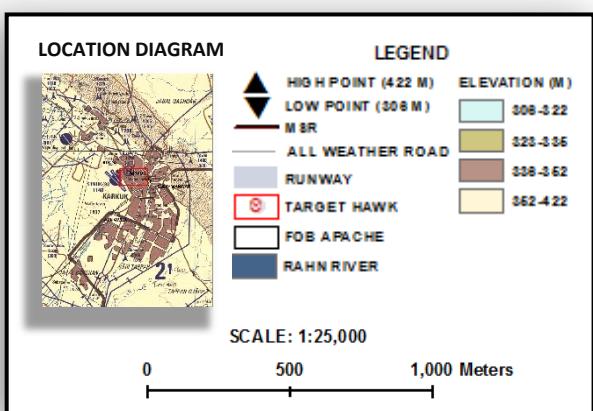
EL ELEVATION

MGRS: + 38SME4159225626

TACTICAL ENVIRONMENT

KIRKUK CITY

- AVERAGE ELEVATION:
364 M ABOVE SEA LEVEL
(ASL)
- DIFFERENCE OF HIGH PT AND
LOW PT: 116M
- LOWLAND REGION

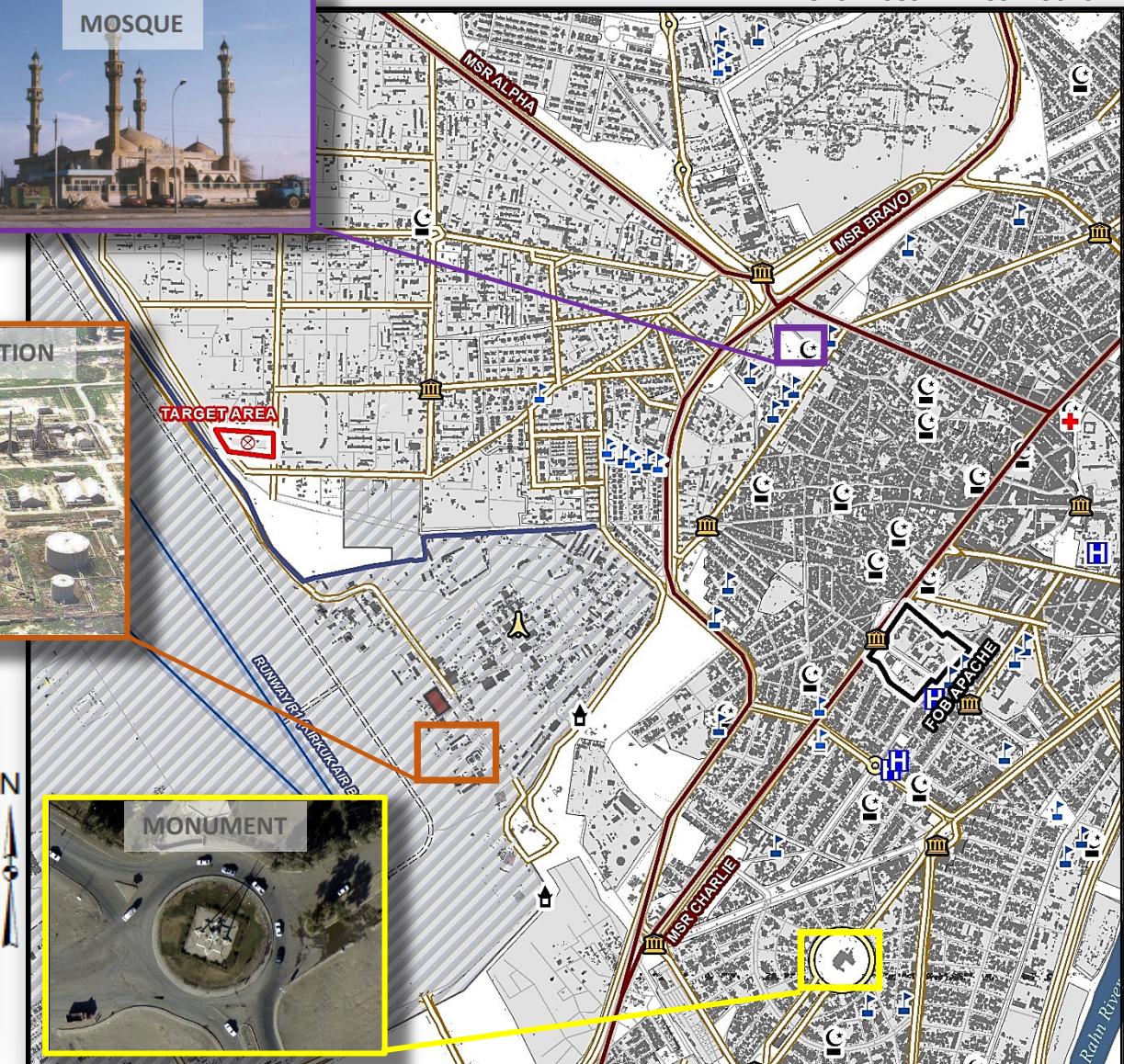
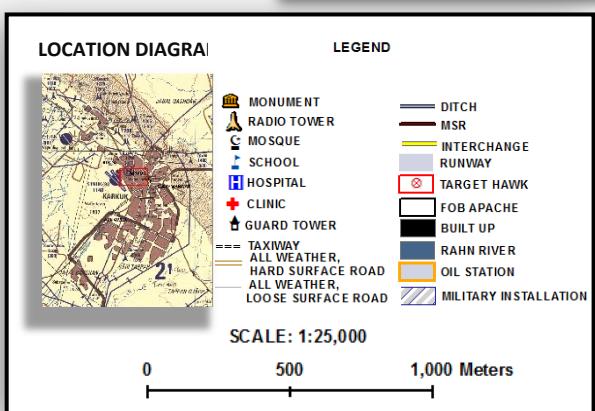
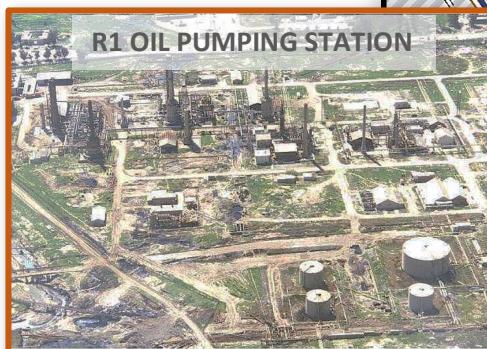
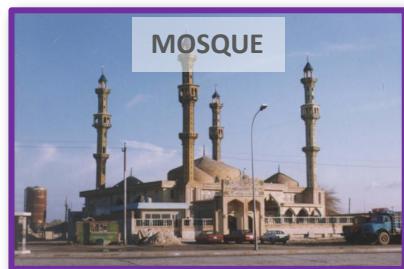


CIVIL CONSIDERATIONS

TACTICAL ENVIRONMENT

KIRKUK CITY

- ETHNIC GROUPS: ARAB 33%
KURDISH 33% Turkoman 33%
- R1 OIL STATION FORMS THE BASIS FOR NORTHERN IRAQ OIL PRODUCTION
- KIRKUK HOSPITAL
- KIRKUK RADIO COMMUNICATION



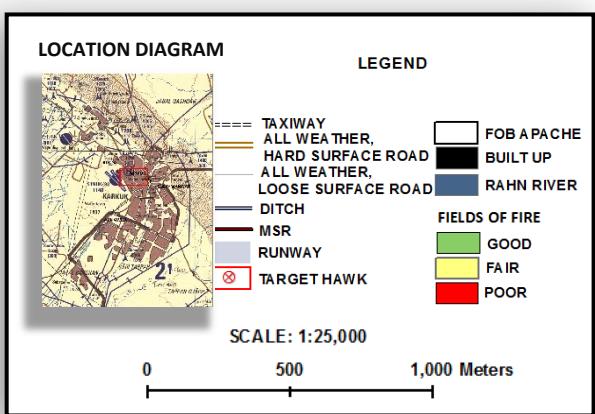
FIELDS OF FIRE

MGRS: + 38SME4159225626

TACTICAL ENVIRONMENT

KIRKUK CITY

- LOWLANDS AND SPARSELY VEGETATED AREAS WILL PROVIDE GOOD FIELDS OF FIRE
- FIELDS OF FIRE WILL BE LIMITED BY LARGE AMOUNTS OF BUILDINGS AND WALLS IN THE URBAN AREAS



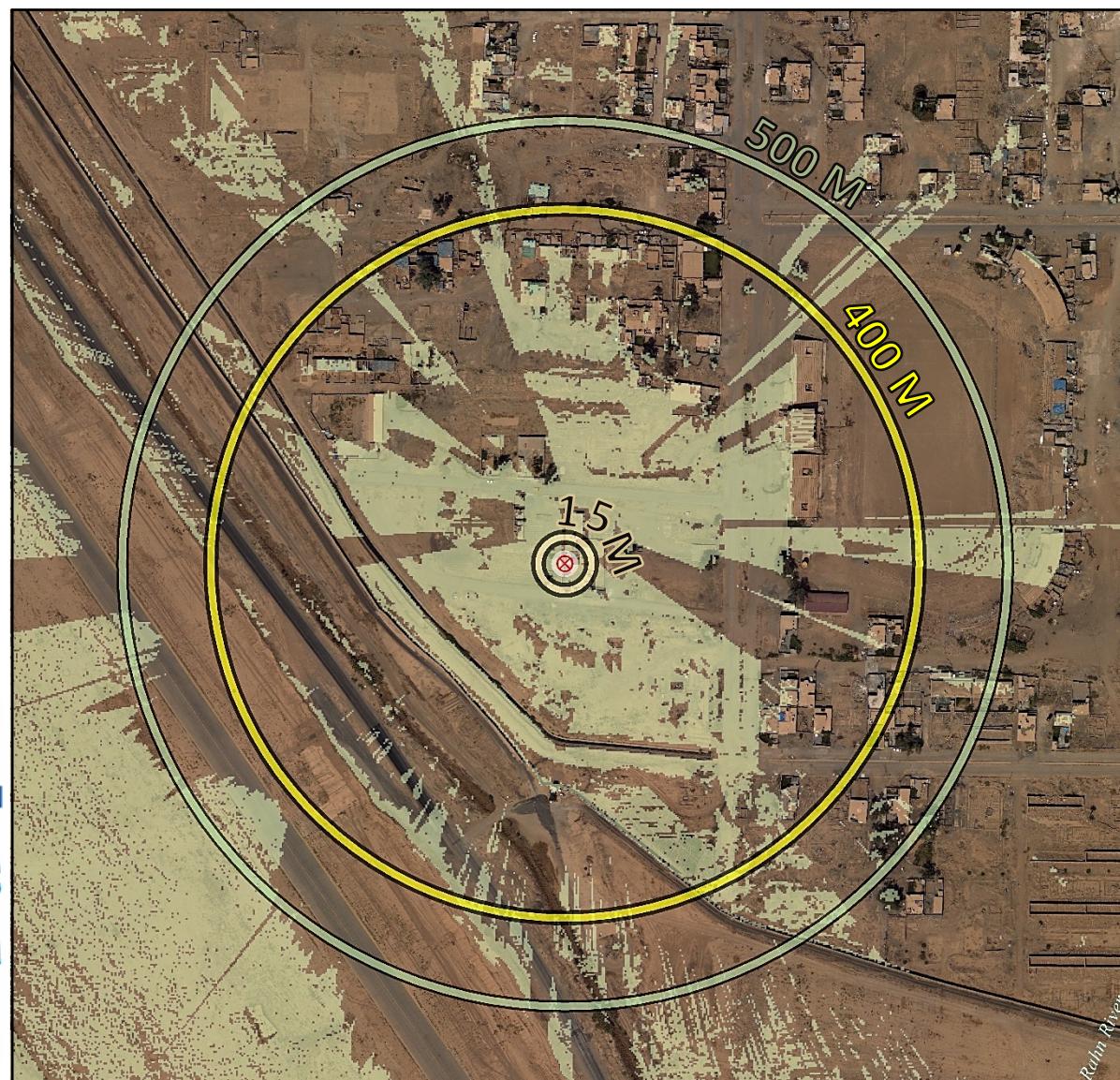
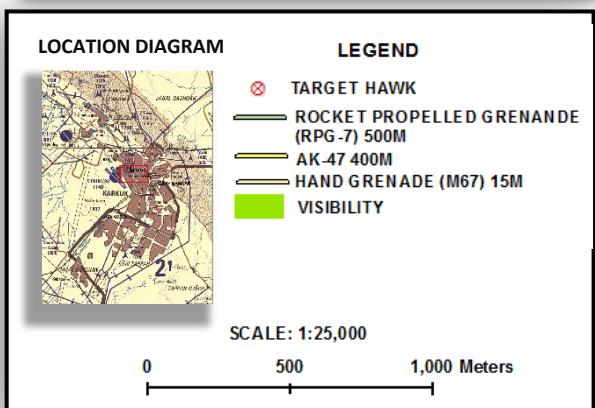
LINE OF SIGHT

MGRS: + 38SME4159225626

TACTICAL ENVIRONMENT

KIRKUK CITY

- VISIBILITY WITHIN TARGET
HAWK IS FAIR BUT HIGH
TREES WILL LIMIT VISIBILITY



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LOCATION DIAGRAM

TACTICAL ENVIRONMENT
KIRKUK CITY

3D ENVIRONMENT



MGRS: + 38SME4159225626

SCALE: 1:25,000

0 500 1,000 Meters



UNCLASSIFIED//LIMITED DISTRUBUTION