SCENARIO SPECIAL IDEA

Joint Area of Operations	JOA - East (PAMI)
General Idea	OP PACIFIC STORM
Echelon Level	Platoon
Unit Type	Olvanan Marine Platoon
Mission Type	Defensive – Point Defence (Radio Retransmission Site)

Scenario Design Comments

In this scenario, an Olvanan Marine Platoon (+) conducts a point defence of a radio Retransmission (RETRANS) site located on the southern flank of the Rabaul volcanic complex at the Rabaul Volcanological Observatory (RVO).

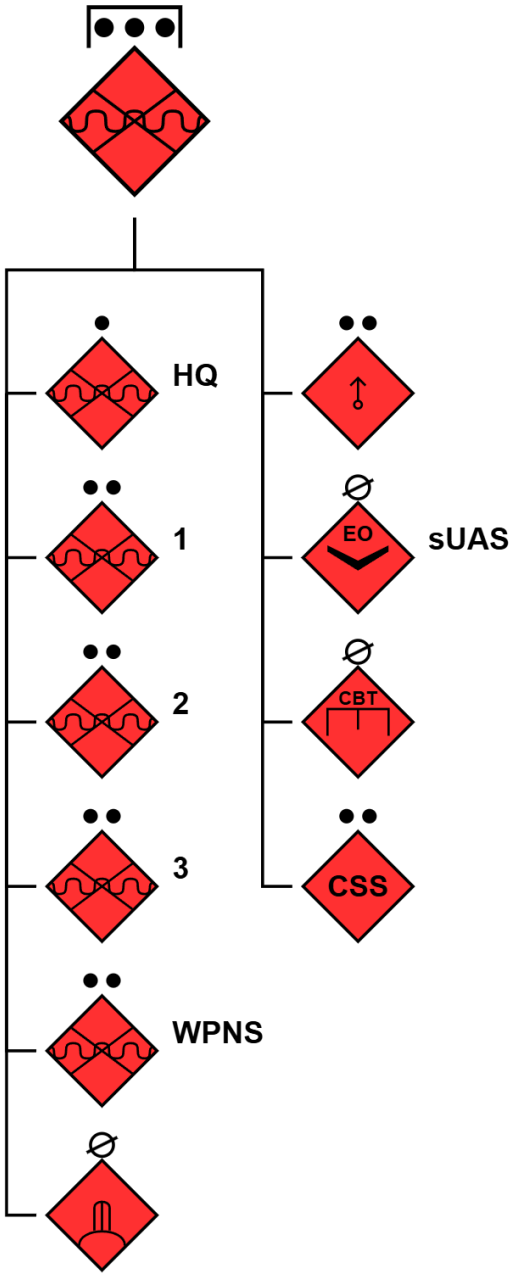
The position provides dominant line-of-sight across the Kokopo beachhead, Rabaul/Blanche Bay, and the Tokua APOD axis, ensuring brigade C2 continuity.

The platoon must hold the node, deny BLUE sabotage/capture, and retain a controlled scuttle option for crypto and key equipment.

- **Purpose of site:** HF/VHF retrans relay stitching together the Kokopo lodgement and APOD security nets; secondary, time-windowed SAT burst path to maritime elements.
- **Why RVO:** Existing mast footings, cable ducts and service road; elevated southern aspect with clear LOS over Kokopo–Tokua; hardened rooms suitable for signals shelter and battery banks.
- **Site layout:** Antenna cluster on the observatory ridge crest; dual generator set with battery buffer; signals shelter (racks/crypto); perimeter wire in depth with trip flares; two OP/LPs covering the spur road and saddle track.
- **Environment:** Jungle/volcanic ridges, short visibility, shifting wind/ash; rain and cloud degrade UAS and HF; loose volcanic soils complicate digging and obstacle anchoring.

OPFOR suggested Order of Battle (ORBAT)

The suggested ORBAT for this scenario is a Marine Rifle Platoon from an Olvanan Marine Mechanised Battalion.



In this mission, the Marine platoon is task-organised into the following components:

- **Platoon HQ** (Pl Comd, 2IC, RTO) + Signals Det (RETRANS team; crypto custodian).
- **3× Rifle Sections** (QBZ-95 rifles, QJB-95 LSW, QLG-10 UGL, PF-89).
- **Weapons Det** – 1× QJY-88 GPMG (tripod), 1× QLZ-87 35 mm AGL, DMR pair (QBU-88).
- **Air Defence** pair – 1× MANPADS team (QW-series) for low-alt rotary/UAS.
- **Mortar Sec** – 2× 60 mm tubes (HE/illum/smoke; 30–40 rds/tube).
- **sUAS Team** – 2× quad-copters (EO/IR).
- **Engineer/EOD pair** – mines, scuttle wiring, trip-flare network.
- **CSS element** – medic; porter chain interface; fuel/water cache control.

OPFOR Mission

SITUATION

Following the lodgement of an OLV MAR BDE at KOKOPO/TOKUA, BDE HQ requires a high-site retrans node to overcome jungle and urban signal degradation.

MISSION

1 MAR PL (+) is to defend retrans site OBJ RELAY (RVO) IVO GR 56M MA 07142 36708 IOT maintain BDE comms across the tactical AO.

Phase 1 – Occupy and Site weapons

- Occupy position during period of darkness; remove any CIVPERS by force if necessary.
- Site QJY-88 GPMG tripod on reverse slope to deliver plunging fire across the EA ridge; emplace QLZ-87 AGL for high-angle into the saddle. Pre-index HE/airburst onto TRPs.
- Mortar sec (2× 60 mm) establishes baseplate locations in shell scrapes behind the crest; BPT ILLUM/HE/SMOKE.
- MANPADS pair occupies NE shoulder; prioritise low-alt rotary/UAS; retain 2–4 missiles for RED air.

Phase 2 – Signals and EMCON

- Retrans team raises primary/secondary masts; manage rebroadcast using existing mast footings/cable ducts; maintain reduced EMCON on order. Prep scuttle/zeroise plan for crypto and racks.
- Site the signals shelter inside hardened rooms; dual-gen set with battery buffer online.

Phase 3 – Obstacles, OP/LPs & ISR

- Engineers emplace wire in depth, abatis on the service road, and designated AP mine belts on likely AAs; integrate trip-flare network.
- Establish two OP/LPs covering the spur road and saddle track; sUAS team executes short, low-profile ISR sorties and pushes snap reports to PL HQ; store drones in Faraday protection when offline.

Phase 4 – Fight the position

- Trigger plan: trip-flare → OP/LP snap report → pre-registered HE/airburst on TRPs → AGL high-angle on saddle → GPMG reverse-slope plunging fire. Mortars provide ILLUM to fix and SMOKE to mask re-site/CASEVAC.

- MANPADS denies low-alt RW/UAS; DMR pair counters key-man threats. CSS/Medic runs a PL aid post inside RVO compound, controls fuel/water cache, and manages porter chain.

Phase 5 – Contingency: Counter-penetration / Scuttle / Exfil

- Weapons det conducts local counter-attack by fire from alternate positions; Combat team holds controlled scuttle authority for crypto and key equipment if overrun is imminent.

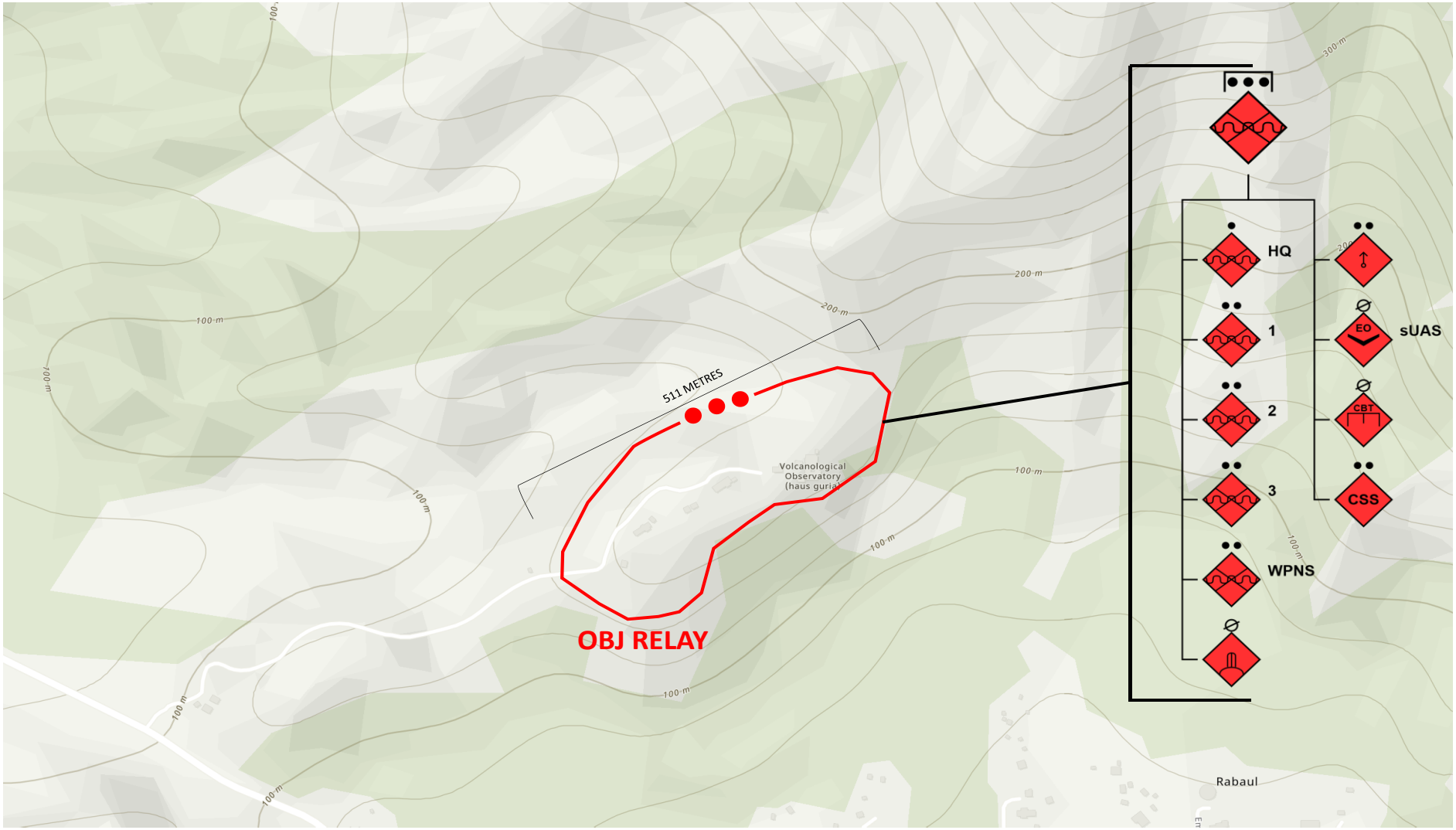
- Exfil routes: saddle track (primary), spur road (secondary) with pre-laid obstacles set to delay pursuit; mortars screen with SMOKE/HE as required.

End-State.

OLV REDFOR platoon (+) holds a point-defence retrans node at the Rabaul Volcanological Observatory (MGRS 56M MA 07142 36708) with masts operational, LOS maintained over Kokopo–Tokua, C2 continuity preserved, and a rehearsed scuttle/exfil plan in place if required.

PLATOON DEFENSIVE POSITION

MGRS MA 07142 36708, RETRANS LOC



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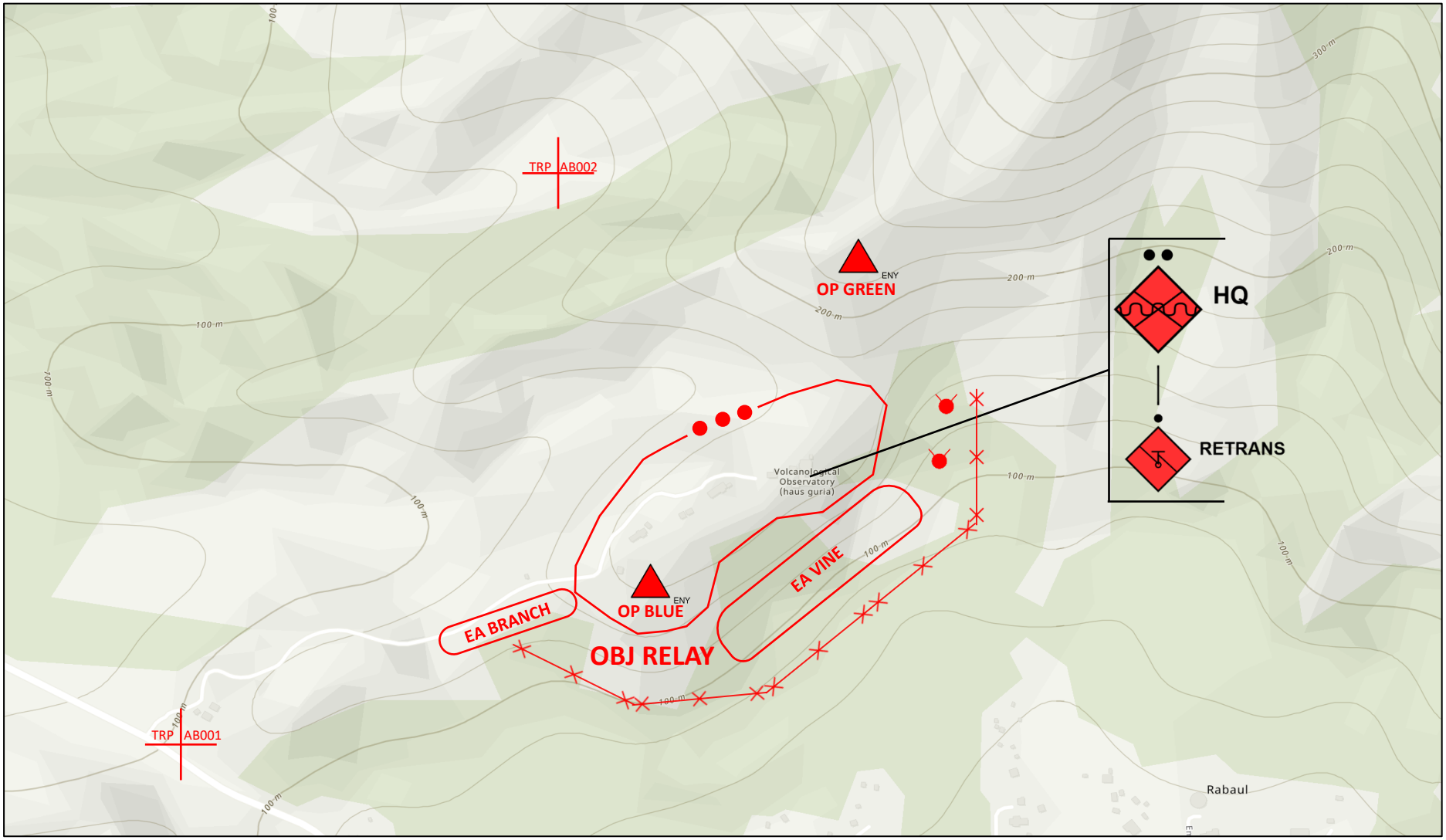

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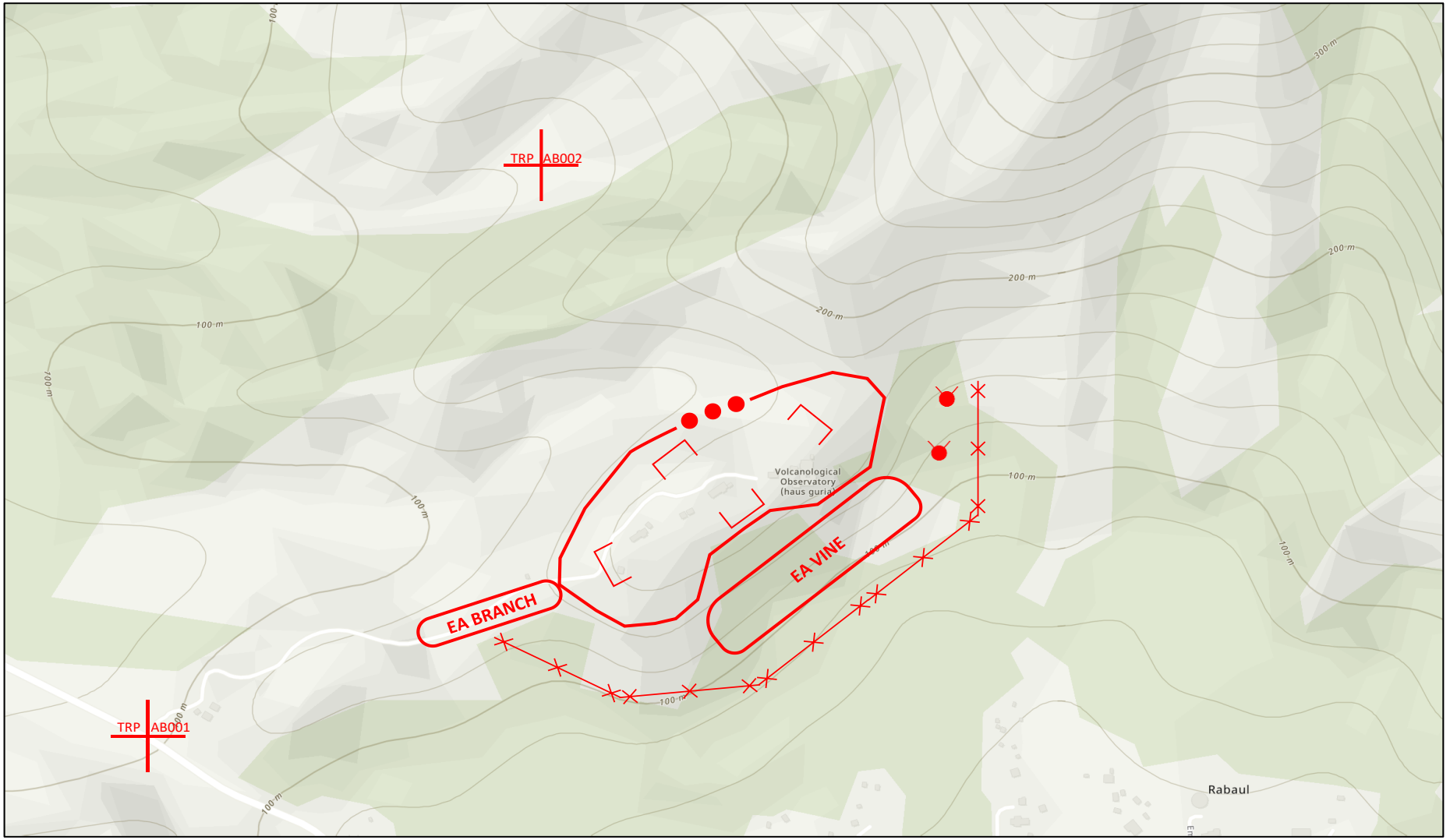

Relevant Training References

Olvanan Infantry TTPs at Company and below

Olvanan Infantry Tactics Techniques and Procedures at Company and below | Decisive Action Training Environment (DATE)

Olvanan Jungle Warfare Tactics

Olvanan Jungle Warfare Tactics at Combined Arms Brigade and Below | Decisive Action Training Environment (DATE)

Further training resources are available on the Australian DATE website, accessed at date.army.gov.au

Detailed adversary information, including ORBATs, is available via United States Training and Transformation Command (T2 COM) at https://odin.tradoc.army.mil/