



- ### VMS deposits
1. Kaznah
 2. Aswad
 3. Shinas
 4. Hatta
 5. Mandoos
 6. Safwa
 7. Aarja-Bayda
 8. Lasail
 9. Zuha
 10. Maqail S.
 11. Mahab 4
 12. Ghuzayn
 13. Daris 3
 14. Daris East
 15. Al Bishara
 16. Rakah

Legend

- Umbur
- VMS deposits (numbered)
- Structures**
 - Thrust fault
 - Fault (undifferentiated)
 - Syn-magmatic fault

Outcrop	Undifferentiated post-obduction sediments and non-ophiolitic units
Bedrock	Suhlayah Formation
	Zabyat Formation
*Not applicable: bedrock not inferred	
Semail extrusives	
Sa	Salahi (V3)
bA	Boninitic Alley
uA	Undifferentiated Boninitic & Tholeiitic Alley
fA	Felsic Alley
tA	Tholeiitic Alley
dL	Depleted Lasail
L	Lasail
fG	Felsic Geotimes
Gt	Geotimes
Upper crustal intrusions	
D	Dolerite stock or sill
T	Tonalite/Trondhjemite/Diorite
G	Gabbro/Gabbronorite
U	Wehrlite/Troctolite
SS	Sheeted sill complex
SD	Sheeted dyke complex
Simplified from regional maps	
LC	Undifferentiated lower crust
P	Undifferentiated mantle
BC	Inferred Batinah complex

Adapted from regional maps

Focus of this study

Adapted from regional maps

Simplified from regional maps

SE3

SE2

SE1

Previous regional map groupings