

O-22.5 No CORE

DEPTH (m)	ROCK UNIT	DESCRIPTION	STRUCTURAL AND VEIN INFORMATION	MINERALISATION	NOTES
0-22.5	No CORE				
22.5-30.4	DOLOMITE (7.9)	Grey/white, massive and structureless. Rare recrystallization. 22.5-23.0: Some limonitic staining of ? cored-in material.		py in thin (<1mm) stringers and veinlets especially at top and bottom	<1%
30.4-40.3	DOLOMITE SULPHIDE LODGE (9.9)	30.4-32.0: Half cream colored quartz/carbonate, half dark green ss-pyritite with 100um dolomite at 31.1m. Irregularly bedded and mottled. 32.0-34.5: 60% cream/white carbonate, 30-40% brown pyrrhotite and 20-30% dark to medium green slightly talcy superstitite. Irregularly bedded, sometimes concentrically, some mottled. 34.5-35.7: 60% pale green to light brown talc matrix, 35% cream/white growths of carbonate/quartz, 5% sulphide. Mottled appearance. 35.7-36.6: Dolomite, pale grey some recrystallized otherwise featureless. 36.6-37.2: 40% pyrite, 30% cream/white carbonate/quartz. 30% talcy superstitite, dark green. Slightly bedded appearance. 37.2-37.8: Dolomite, pale grey, featureless, occasional stringers. 37.8-40.3: 50% Cream/white quartz/carbonate. 30% pyrrhotite and pyrite. 20% green talcy superstitite. Irregular mottled appearance.	8/17 8/4/17 6/8 2/3 5/8 2 8/4/5/7	py > po and sp; fluorite irregularly banded and disseminated po minor py; fluorite irregularly banded po and py disseminated py > po minor sp disseminated in recrystallized dol. py >> po lesser sp No sulphides po and py, minor sp disseminated coarsely	10% 30-40% 5% 5% 40% -
40.3-42.2	DOLOMITE (11.9)	Pale grey, slightly brecciated with 10% recrystallized dolomite and pale green talc (also developed along thin fractures).		po disseminated	<1%
42.2-44.4	SILTSTONE minor QUARTZITE (at start) (8.2)	Pale/medium grey, poorly bedded, disrupted, some brecciation. Occasional quartz/carbonate/fluorite veins to 5mm. Gradual change to	← Bedding 55°	po rare, in thin stringers	<1%
44.4-62.4	SILTSTONE minor SILTY SHALE (8.0)	Pale to medium grey; shale has slight greenish tinge. Moderately to poorly bedded, fairly disrupted, minor brecciation. Minor quartz/carbonate/sp, py, po, fluorite veins. 45.7-45.8: Tuffaceous with very fine (<1mm) angular orange fragments. 48.7-49.9: Slightly tuffaceous with fine black and orange fragments. 50.5-62.4: Siltstone sometimes tends towards Quartzite.	← 45.8: +15mm vein, qtz, carbonate, sp, po, py, fluorite ← Core very broken ← Bedding 50°	po > py disseminated, in stringers and veins po > py disseminated, in blebs, veinlets and stringers po > py in blebs, disseminated, rare stringers	<1% 2-3% 1%
62.4-81.4	SILTSTONE and SILTY SHALE (19.0)	Pale/medium grey with slight greenish tinge in places. Moderately to well bedded, disrupted, folded, some brecciation. Some thin (<1mm) carbonate stringers.	← 53.0: aggregate 25mm veins along core, carbonate, fluorite, qtz ← 54.1: 100mm vein, 25' carbonate qtz, fluorite, minor py, trace sp ← Bedding 40°	po >> py in thin (<1mm) stringers, veinlets, rarely disseminated	<1%
81.4-89.6	QUARTZITE (8.2)	Pale to medium grey, slightly reddish tinge towards base. Strongly brecciated in parts, elsewhere massive. Occasional carbonate/fluorite veins. 86.4-88.5: Quartzite interbedded with Silty shale - much disrupted.	← Bedding 50° ← 63.7: 80mm vein, 55' py, po some ? superstitite ← Bedding 60° ← 71.0: 10mm irregular vein, fluorite, carbonate, qtz ← Bedding 60° ← Bedding 55° ← 78.1-78.5: Attention to py, superstitite, carbonate ← 79.3: 55mm vein, 40' carbonate fluorite, minor arsenopyrite, py, cassiterite	po > py in thin stringers, veinlets, rare blebs, disseminated py > po finely disseminated, rare blebs, stringers up to 10% in places py and po in stringers, minor disseminated po > py in thin stringers, veinlets, rare blebs, disseminated	<1% 5% 5% 5%
89.6-93.4	SILTSTONE, SILTY SHALE minor QUARTZITE (3.8)	Interbedded. Quartzite towards base. Pale to medium grey. Moderately bedded, disrupted, brecciated. Numerous thin irregular carbonate stringers.	← Bedding 60°	po, py in blebs and veinlets po, py disseminated, lesser blebs, stringers, veinlets	<1% 2-3%
93.4-101.7	QUARTZ PORPHYRY (9.7.4)	93.4-94.6 Cream/white matrix with pink and brown staining; 10% quartz phenocrysts to 2mm, some small (<1mm) feldspar phenocrysts. 94.6-101.7 Core missing.	← 93.4: Contact irregular 30°	py trace fluorite disseminated	15%
101.7-106.0		Grey/white, slightly orange matrix with 20% quartz phenocrysts to 3mm, and 5-10% feldspar phenocrysts to 1-2mm (sometimes absent).		py and po disseminated Trace cassiterite	15-20%
106.0-108.2		Grey and pale orange matrix with 50% quartz and feldspar phenocrysts to 2mm.		py minor monazite, trace arsenopyrite disseminated Trace cassiterite	5-10%
108.2-112.5		Grey/orange matrix with 20% quartz phenocrysts to 3mm and 10% feldspar phenocrysts to 2mm.	← 110.1: 20mm vein, 35' py, monazite minor qtz, po	po >> py disseminated	20%
112.5-117.6		Grey/white, lesser orange matrix with 20% quartz phenocrysts to 2mm, occasionally to 10mm, 5-10% feldspar phenocrysts to 2mm.		py, monazite trace po disseminated, some blebs Trace cassiterite, especially at start	10-15%