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Sample No.	Classification - Composition	Fabric	Accessories	Central Mineralogical Services Comments
35191 (T.S. 41376) DCP 235 61-1 m	Carbonaceous, Dolomitic Pelite. Micro-crystalline dolomite and semi-sericitic muscovite with pervasive carbonaceous matter. Sporadic films, veinlets sphalerite, dolomite. Minor late calcite veinlets.	Weak slaty cleavage discordant to weak pelitic bedding. Post-cleavage sphalerite films, veinlets.	Traces ultrafine to weakly metablastic (recrystallized) pyrite, minor pressure shadow and silty detrital quartz.	Sub- to low-greenschist facies slate developed from strongly carbonaceous, dolomitic, weakly pyritic shale. Sphalerite concentrated into post-cleavage fract-
35192 DCP 235 83-0 m	Pelitic Ash. Sericite-chlorite-stained crypto-crystalline quartzofeldspathic material with weak but pervasive calcite stainings. Disseminated silt-sized clastic leucoxenic semi-opaques, minor quartz, albite.	Vague but pervasive relict vitroclastic textures. Incipiently bedded with weak discordant cleavage.	Minor traces pyrite. Sparse calcite veinlets, films (parallel to the incipient cleavage).	Devitrified sub-ures ("joints"), to low-greenschist facies altered vitric(-crystal) ash, felsic intermediate-acid. Distal subaerially-transported "blanket"-type facies. Possible marker horizon.
35193 DCP 235 104-0 m	Vitric-Crystal Tuff. Variably calcite-sericite-pseudomorphed oligoclase-albite, subordinate quartz crystal fragments. Weakly sericite-stained cryptocrystalline to microcrystalline quartz-albite matrix.	Incipiently banded with relict "eutaxitic" shardy-textured matrix. Mildly stressed, unsheared.	Leucoxenic semi-opaques, rare silicified/albitised lava clasts. Rare pyrite films, late calcite veinlets.	Devitrified vitric-crystal tuff, sodic rhyolitic, ignimbritic characteristics. Essentially low-greenschist altered with late calcite impregnations analogous to
35194 DCP 235 149-9 m	"Metadacite". Disseminated variably saussurite-chlorite-stained sericitic pseudomorphs of plagioclase crystals, clusters in variably calcite-stained sericitised/silicified matrix.	Porphyritic lava-like, but with vaguely shardy, finely perlitic felsitic matrix. Weakly sheared.	Leucoxenised opaques. Minor cloudy epidote (saussurite). Trace pyrite (chlorite pressure shadows).	Finer detail obscured, but 35192, probably a thoroughly welded tuff, dacitic in contrast to 35193. Weak pinkish mottling reflects primary Fe-pigmentation of glassy matrix.
35195 (T.S. 41880) DCP 235 157-8 m	"Metadacite". Extensively sericitised oligoclase crystals, clusters in weakly sericite-chlorite-stained/variably silicified, felsitic quartzofeldspathic matrix with disseminated leucoxenised opaques.	Rather similar to 35194, but reflecting flow-brecciation in the vaguely relict shardy matrix.	Traces fine to ultra-fine pyrite, minor traces cloudy carbonate.	Relict fabric consistent with a welded, flow-brecciated vitric-crystal tuff. Relatively silicified matrix in common with the texturally, compositionally similar 35194.

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