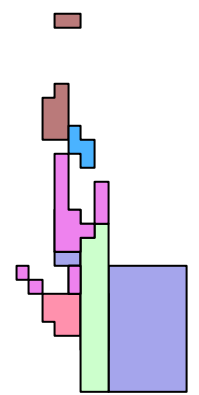


LEGEND (simplified)

- TQr** Tertiary-Quaternary
Red and grey clay, silt, sand; residual soil and colluvium; minor gravel, calcrete
- M/JKm** Mesozoic
Quartzose sandstone, sandy claystone and siltstone, minor conglomerate
- Cmt** Thornton Limestone
Grey thin-bedded to massive finely crystalline limestone, dolomitic limestone and dolomite, grey platy dolomite; black and grey convoluted chert, nodular chert
- Pms** Shady Bore Quartzite
White flaggy to massive medium orthoquartzite; interbeds of fine sandstone, siltstone and dolomite
- Pml_s** Lady Loretta Formation
Laminated fine siltstone and shale
- Pml** Lady Loretta Formation
Laminated stromatolitic and intraclastic dolomite, dolomitic siltstone, limestone, carbonaceous and pyritic shale, ferruginous breccia at base, tuff, bedded lead and zinc sulphide deposits
- Pmz** Esperanza Formation
Stromatolitic chert and dolomite, siliceous and dolomitic siltstone, sandstone, pyritic chert
- Pmx** Paradise Creek Formation
Laminated and stromatolitic dolomite, dolomitic siltstone and sandstone, some limestone interbeds, dolomite with chert nodules after anhydrite; minor tuff
- Pmw** Gunpowder Creek Formation
Laminated siltstone, dolomitic and carbonaceous siltstone, fine sandstone, feldspathic and pyritic quartzite, pebbly clayey sandstone, minor conglomerate
- Pra** Surprise Creek Formation
Coarse to medium feldspathic sandstone and quartzite, clayey sandstone, arkose, pebbly sandstone, conglomerate, micaceous siltstone
- Pfc** Fiery Creek Volcanics
Massive to amygdaloidal ferruginous metabasalt, trachybasalt?, scoriaceous metabasalt, rhyolite, basalt-sandstone breccia, pale purple feldspathic sandstone, arkose, agglomerate
- Phn_2** Haslingden Group/Myally Subgroup
Lockness Formation
Massive to blocky, black-weathering dolomitic quartz sandstone, ferruginous feldspathic sandstone, red-brown siltstone and mudstone, minor grit

Xstrata Exploration Permits

- EPM11714 - Seymour
- EPM14978 - McNamara
- EPM13027 - Police Creek West
- EPM12103 - Seymour East
- EPM12617 - Police Creek
- EPM12768 - Seymour North



Xstrata Copper Exploration

ABN 53 009 681 11E



SEYMOUR PROJECT
AGSO 100K Regional Geology

1:250000 : Camooweal SE54-13	Author : G. Xu	Scale : 1:250,000
1:100000 : 6659,6758, 6759	Drawn : G. O'Connell, S.J	Date : 3/9/2007
Region : NWQ	Office : Mt Isa - Oban Road	Revised Date :
Projection: AMG Zone 54 (AGD 84)		Drg No : 44953a