



Ridgeway cross-section by Holliday, McMillan, Tedder (1999) provided by Newcrest Mining Ltd.; units re-keyed

LT 2380 LEGEND

Unit No	Unit Description
1	T Canobolas flood basalt, trachyte
2	S1-2 Cadia Coach Shale, litharenite
W sub-2	Paleoreolith under Cadia Coach Shale unconformity; bleached and carbonate-infiltrated monzonite
M4 + A	Or3-S1 upright zone of bulk-mined stockwork veining and disseminations of quartz, magnetite, chalcocopyrite, bornite, gold in K-feldspar, albite, actinolite, epidote, biotite altered meta-volcanics about a monzonite porphyry plug. The early alteration is overprinted by later propylitization. Rc 44 Mt @ 2.6 g/t Au, 0.82% Cu
F (+A)	Fault rocks: mylonite, breccia
3	Or3 Cadia Hill Monzonite; slightly alkaline (shoshonitic) orthoclase-phyric quartz-monzonite porphyry grading to equigranular quartz monzonite and diorite; augite porphyry dikes
4	Or3 Weemala Fm.; calcareous siltstone, shale, impure limestone
5	Or3 Forest Reef Volcanics; locally shoshonitic augite andesite flows, breccias, volcanoclastics, minor shale and limestone

LT 2380 SAMPLE DESCRIPTION (collected and assembled by Peter Laznicka, 2000)

Unit No	Sample Description	Sample No
3 + A	Dikes and patches of "trachyte-syenite" with early albitite, later K-feldspathite. Partly magmatic but most are probably metasomatites	1-4
3	Dike of pyroxene (augite) porphyry	5, 6
3	Granodiorite (monzonite) with dioritic marginal facies	9, 10
F	Mylonite	11
4+A, mt	Hornfelsed and metasomatized andesitic volcanoclastics	13-15