




















NEWFIELDS

EXPLANATION FOR GEOLOGIC MAP

Geologic Map Units and Symbols

Age	Formation	Map Symbol	Description
Quaternary		Qt 	Travertine
		Qc 	Colluvium
		Qal 	Alluvium
Tertiary	Salt Lake	Tsl 	Salt Lake Formation
	Unconformity		
Jurassic	Nugget Sandstone	Jn 	Nugget Sandstone
Triassic	Thaynes	Trtpu 	Upper Portneuf Limestone Member
		Tral 	Ankareh Formation - Lane Tongue
		Trtpl 	Lower Portenuf Limestone Member
		Trtc 	Thaynes C Member
		Trtb 	Thaynes B Member
		Trta 	Thaynes A Member
	Dinwoody	Trdu 	Upper Dinwoody Formation
	Woodside	Trw 	Woodside Formation
	Dinwoody	Trdl 	Lower Dinwoody Formation
Permian	Phosphoria	Ppc 	Cherty Shale Member
		Ppr 	Rex Chert Member
		Ppm 	Meade Peak Member
Pennsylvanian/Permian	Park City & Wells	Ppwu 	Grandeur Member of Park City Formation and Upper Wells Formation
	Wells	Ppwl 	Lower Wells Formation

Geologic Map Symbols

— ····· Contact (Dashed where inferred, dotted where buried)

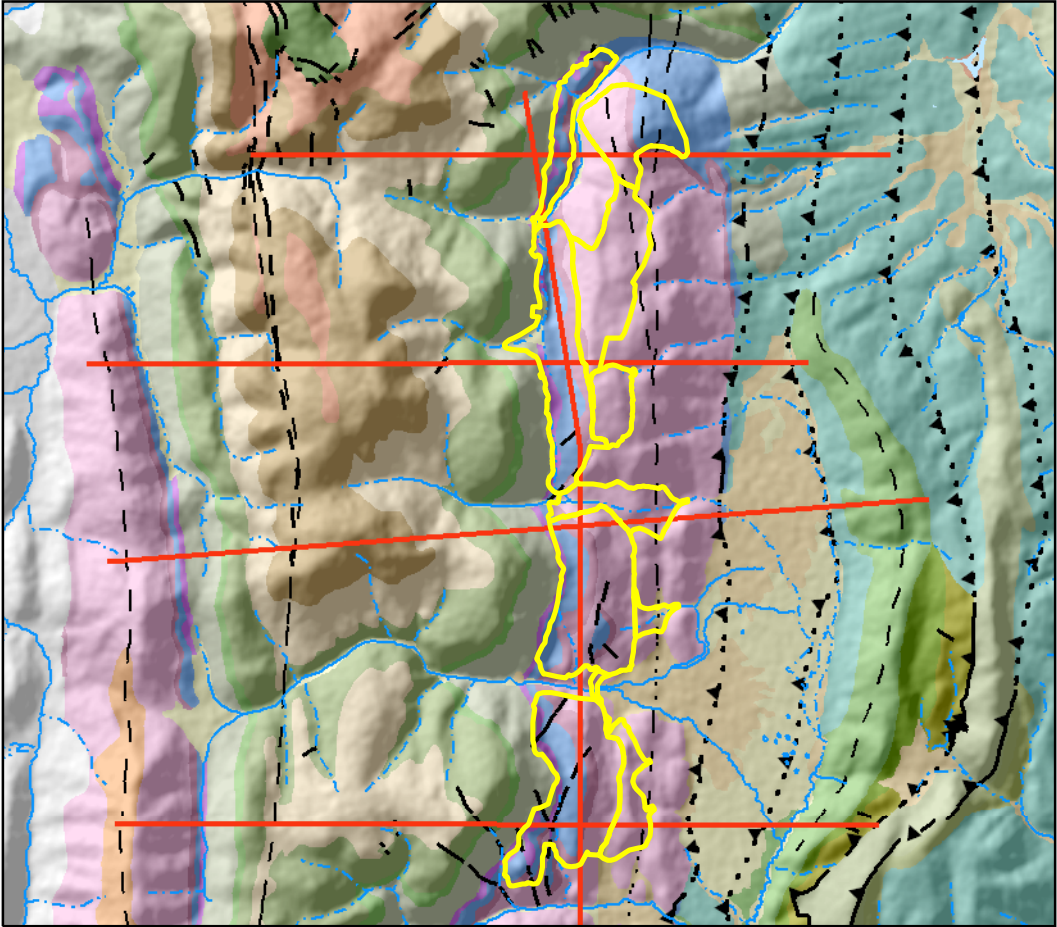
— - ····· Normal Fault (Dashed where inferred, dotted where buried)

—▲- ▲ ·▲·· Thrust Fault (Dashed where inferred, dotted where buried)

- - - ✱ - - - Syncline Axis

- - - ⬆ - - - Anticline Axis

See Figure 3-2A for Detailed Geology Map



Note: Mine disturbance area boundary includes a 50-foot buffer.

J.R. SIMPLOT COMPANY

SMOKY CANYON MINE

FIGURE 2 - 3B

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