

Legend (for Colibri-Nopal Geologic Map)

Rock Units:

Qa; Qcv	Quaternary alluvium; colluvium
Tcg	Tertiary conglomerate; may include sandstone and rhyolite tuff
Kdi; Jdi	Late Cretaceous(?) or Jurassic (?) fine-grained hornblende diorite
Jrp	Jurassic rhyolite porphyry intrusion with conspicuous quartz phenocrysts
Jss; Jwss	Jurassic quartzose and arkosic sandstone or siltstone, well bedded or laminated
Jvss+cg	Jurassic brown or green volcanoclastic sandstone, conglomerate, and phyllitic mudstone, commonly foliated or cleaved and altered to chlorite and epidote
Jvcg	Jurassic polymict conglomerate: pebbles and cobbles of andesite, rholite, and quartz in a coarse sand matrix that is commonly altered to chlorite and epidote
Jss+slt	Jurassic brown volcanoclastic sandstone interlayered with gray or brown siltstone
Jrb	Jurassic rhyolite breccia or agglomerate: subangular to subrounded fragments of rhyolite or dacite in a silicic volcanic matrix
Jr; Jrp	Jurassic flow-banded rhyolite or porphyritic rhyolite
Jpa; Ja	Jurassic porphyritic andesite; Jurassic andesite flows or breccias, undifferentiated
Jaa; Jabr	Jurassic aphanitic andesite or basaltic andesite; Jurassic andesite flow breccia

Map Symbols:

	igneous flow banding: inclined, vertical
	sedimentary bedding: inclined, vertical, overturned
	metamorphic foliation with lineation; cleavage
	fault, showing dip
	Late Jurassic strike-slip fault, showing measured dip
	Laramide reverse fault, showing measured dip
	Tertiary detachment fault; pattern indicates zone of crushed or chaotically brecciated rock
	fault with inferred normal displacement
	fault trace, dotted where approximate or concealed
	geologic contact, dotted where approximately located
	major; minor quartz vein, showing dip
	thin quartz vein or "vetilla" swarm filling extensional fracture
	zone of pervasive hematite-silica alteration
	placer workings
	anticline axis
	syncline axis

Drilling; Sampling Symbols:

	1994 Nopal RC drill hole (inclined)
	1994 Nopal RC drill hole (vertical)
	1998 RC drill hole
	2005 RC drill hole
	2006 diamond drill hole
	2008 RC drill hole (vertical)
	2008 percussion drill hole (vertical)
	1994 Nopal rock-chip sample; gold assay in ppm
	2007 Nopal rock-chip sample; gold assay in ppm
	2007-09 rock-chip sample; gold assay in ppm:
	<ul style="list-style-type: none"> >1.0 gram/ton 0.25-0.999 gram/ton 0.10-0.249 gram/ton <0.10 gram/ton

	asymmetric anticline, showing axial plane
	asymmetric syncline, showing axial plane
	gravel road
	Topographic contour (CI = 10 m)
	axis of overturned anticline
	axis of overturned syncline