A. View of Sutter	Andesite and rhyolite domes - southernmost Cascades volcano?	39.166903, -
Buttes RNC 249		122.149279
B. View of Castle	Granite intruded ?from underthrust Central Metamorphic belt into	41.147584, -
Crags RNC 104	Trinity ophiolite complex	122.317538
I-5 cut 1 mi. n. of	Mapped as Devonian and Permian metavolcanic rocks. Mostly flows,	41.151344, -
Castella cageol.kmz	breccia and tuff, including greenstone, diabase, and pillow lavas	122.303054
C. I-5 Dunsmuir Exit	Mapped as Ordovician ultramafic rocks, mostly serpentine. Minor	41.192998, -
729 Cut cageol.kmz	peridotite, gabbro, and diabase.	122.285503
Stewart Springs Pass	At the pass you will find a big parking area. Hike northwest on the	41.341956, -
L715	PCT along the cirque wall. You should see lots of peridotite in the first half to 3/4 mile.	122.537813
A. Along Pacific	Fresh dunite interbedded with peridotite. This is part of the	41.344617, -
Crest Trail NW of	Cambrian "Trinity peridotite" or "Trinity River block" of our abstract.	122.543658
Stewart Springs Pass	These peridotites vary from dunite (all olivine) to harzburgite	
L715	(olivine plus orthopyroxene) to Iherzolite (olivine plus	
	orthopyroxene plus clinopyroxene), and are locally feldspathic. The	
	clinopyroxene appears as tiny bright green crystals of diopside. Look	
	for small blebs of feldspathic material which represent late	
	syntectonic pressure-release partial melt relicts. If you see any, they	
	will cross cut the mantle tectonite fabric expressed by the	
	pyroxenes, but will be smeared out along the late syntectonic fabric.	
Along Rail Creek Rd	You will find lots of (newly re-dated) Ordovician volcanic rocks and	41.3856959, -
L715	gabbro along this road, and a few exposures of fairly beat up	122.6733398
	peridotite. These are part of the Ordovician Trinity ophiolite, the	
	"China Mountain block" of our abstract.	
B. Kangaroo Lake-	Kangaroo Lake is very pretty water-filled cirque carved into	41.333727, -
slope above parking	pegmatitic gabbros of the Supra-subduction zone ophiolitic complex,	122.640634
area	Siluro-Devonian age, the "SSZ ophiolite" of our abstract. These were	
L715	very fluid-rich because they formed over a subducting slab which	
	was dewatering; thus you get large crystals up to 20 cm or more.	
	Grain size varies considerably,admire the modal banding. Most of	
	the ophiolites I have actually visited have at least some pegmatitic	
	gabbro, but the Trinity occurrences are especially striking and	
	abundant. They intruded through the Trinity River and Scott River	
	blocks, after the two were juxtaposed, and all these intrusions are	
	surrounded by serpentinite.	
C. Slope above FS	Walk up to the peridotite outcrops to see the serpentinized and	41.432717, -
41N03 1/2 mi. S. of	EXTREMELY deformed harzburgite of the "Scott River block". Don't	122.635939
Gazelle Summit	look at fresh surfaces, they are serpentine, but if you look at the	
L715	weathered surfaces you can see the difference between this rock	
	and the fresh peridotite of the "Trinity River block".	
Along FS41N03	There is an abrupt turn south and you should see a patch of caliche	41.4243868, -

Page 1 of 9 Source reference codes see p.9; Google Maps/Earth see georgiarocks.us/california

L715	above the turn, due to a cross fault. Then road 41N03 skirts along just above a series of glory holes and pits in serpentinite. Here the road is very close to being on a ductile shear zone between the Scott River and China Mountain blocks. House-sized boudins along the shear zone are below the road, but also some undeformed Ordovician gabbros. After a bit you come into a saddle and swing easterly through a bare zone that is serpentine.	122.6138592
D. Saddle on FS41N03 21/2 miles S. of Gazelle Summit L715	Deformation within this Ordovician gabbro varies considerably; some is massive and nonfoliated, but elsewhere it is schistose or gneissic. We currently interpret the shear zone as an oceanic transform fault because it is intraoceanic and predates the Siluro-Devonian SSZ ophiolite. That environment would explain the variable deformation within the Ordovician gabbro.	41.413373, - 122.60205
E. Horseshoe bend in Gazelle-Callahan Rd. L715	SW of Bonnet Rock you travel through mélange with blocks of radiolarian chert, serpentinite, graywacke, limestone, etc., in a sheared scaly matrix. The best place to see this mélange is on the east side of the bend, best viewed in afternoon light. As you ascend the steep hill around the bend you will pass upwards from the subduction complex into a nearly-undeformed trench slope basin occupied by siliceous shale with sparse turbidite graywacke beds. The contact grades from sheared mélange into broken formation into gently deformed deep marine basin strata as you ascend to the pass.	41.447696, - 122.64096
Bonnet Rock, viewed from Gazelle- Callahan Rd L715	It is lower Paleozoic limestone within mélange of the Gregg Ranch Complex, a mid-Devonian subduction complex that was thrust over the Trinity Complex when the Forest Mountain terrane collided with the Yreka terrane in Early Devonian time.	41.514867, - 122.574468
F. S. side of CA 3, E. of Forest Mtn Pass L715	Has a bronze plaque on a big blueschist knocker that commemorates the last stage coach robbery near the turn of the last century. The Forest Mountain terrane is a recrystallized peridotite associated with garnet-bearing amphibolite and metagabbro, serpentinized only along its base, the west edge. Big knockers of Triassic blueschist are drifting down the hill from the Fort Jones terrane along the ridge. If you scrounge around in the forest below, you can collect some nice samples of blueschist. The peridotite here is very fresh.	41.678388, - 122.721604
Slope viewed from CA 3 L715	As you drive up the hill on Highway 3 you can see large-scale banding of dunite and harzburgite on the ridges above the road.	41.668712, - 122.72222
A. Loomis Museum NPS web site	Exhibits include photos from B.F Loomis who documented Lassen Peak's most recent eruption cycle and promoted the park's establishment. Additional exhibits include the original equipment Loomis used to document the eruptions and traditional Atsugewi basketry.	40.536485, - 121.561927
B. Chaos Jumble, view of Chaos Crags	The Chaos Crags are a suite of five dacite domes that were emplaced over a period of about 100 years, beginning 1,100 years ago. Rockfall	40.541756, - 121.543037

Page 2 of 9 Source reference codes see p.9; Google Maps/Earth see georgiarocks.us/california

OLV 12 #6, FMW 93	avalanches travelled up to 4.5 km and formed the Chaos Jumbles.	
C. Hot Rock	Huge block of andesite in the mudflow of 5/19/1915	40.534802, -
RNC 270		121.490772
D. Devastated Area	A swath of land that was sweptby repeated debris avalanches,	40.515475, -
OLV 12 #5, FMW 86	mudflows, and pyroclastic flows during Lassen Peak's 1915	121.465173
024 12 113, 114144 00	eruptions.	121.403173
E. View of Central	From the crest of the road you can look to the east across the	40.466597, -
Plateau	Central Plateau, a region covered by young hybrid andesite lavas	121.439308
	that have erupted during the past 0.30Ma, to the Prospect Peak and	
	Mount Harkness basaltic shield volcanoes in the distance. OLV 12 #4	
F. Cut east of Lake	Cliffs above Lake Helen and roadcuts east of it expose pale gray	40.470444, -
Helen	rhyolite inclusions in darker gray andesite, an apparent example of	121.506585
RNC 271	magma mixing.	121.500555
Bumpass Hell Trail	The first part of the 4 km trail to Bumpass Hell passes through the	40.465794, -
OLV 11	stage-three dacite of the Bumpass Mountain dome. Note the well-	121.514434
	devel- oped glacial striations and polish on the surface of the dome	
	near the beginning of the trail. At the viewpoint 0.85 km from the	
	parking lot, the trail crosses a contact between the Bumpass	
	Mountain dacite and an underlying stage-two andesite.	
G. Bumpass Hell	Intense alteration of the host rocks is apparent in the development	40.457231, -
OLV 11	of the clay minerals seen in the boiling mudpots and the white	121.502027
	outcrops just south of the boardwalk entrance.	
H. Diamond Peak	Diamond Peak is a relatively unaltered sequenceof andesitic lava	40.44456100
Overlook	flows and pyroclastic rocks that were deposited just east of the vent	000001, -
OLV 10 #2	of the Brokeoff Volcano.	121.519607
I. Sulphur Works	Small thermal area with fumaroles and boiling springs, thought to	40.44865, -
OLG 10 #1b; LVRI 8,	mark the approximate location of the vent of the Brokeoff Volcano.	121.535624
24,25, 33	Impacts on road and boardwalk; algal mats just to south on Sulphur	
, 2, 22	Creek.	
J. Visitor Center	View of stratified lavas and pyroclastics in Brokeoff Mountain,	40.43663, -
OLV 10 #1a	preserving a remnant of the flank of the Brokeoff Volcano	121.533464
A. Lime Saddle	Disrupted metamorphic rocks (includes Permian limestone blocks in	39.674895, -
K715 #1	Central Belt).	121.557217
B. Cut on N. Side CA	Jarbo Gap "ophiolite" (Serpentinized peridotite with cross cutting	39.726625, -
70 near Parkhill	mafic dikes).	121.498499
K715 #2		
C. Cherokee	Lovejoy olivine basalt (Miocene) capping Oroville Table Mountain	39.6004, -
hydraulic mine	and overlying Eocene auriferous gravels – inversion of relief.	121.584867
K715 #3	Cherokee hydraulic mine)	
D. Lake Oroville	Sheeted dikes and Pillow basalt outcrops of Smartville complex	39.554431, -
shoreline NW of	(middle Jurassic)- Remnants of accreted island arc complex.	121.434944
Tidwell Bar Bridge		
K715 #4		
Cut on Bald Rock Rd	Bald Rock Pluton [optional] (Cretaceous granodiorite intruding	39.636959, -
K715 #5	Central and Western Belt assemblages)	121.345149
E. Cut on Marysville	A cross-section of sheeted dikes intruded into the overlying volcanic	39.342119, -

Page 3 of 9 Source reference codes see p.9; Google Maps/Earth see georgiarocks.us/california

Rd S. of Collins Lake Rd. N412 7 #3	pyroclastics and flows (not shown at the outcrop). Multiple dike generations shown by chilled margin relationships, porphyritic texture in later dikes.	121.336674
F. Cut on CA 20 1/4 mi. E. of Marysville Rd. N412 8	Diabase, andesite, and dacite dikes cutting plagiogranite screens (lens-shaped fragments of plutonic rock), with myrmekite microstructure, and multi-textured gabbro. The screens are relics of gabbro, tonalite, and trondhjemite plutonic rocks or segregates thereof.	39.361744, - 121.319061
G. Cut on CA 20 1/2 mi. E of Yuba River near Smartville N412 7 #2; RHL 21	Greenish-black Jurassic pillow basalts exposed, with darker (finer crystalline) chilled margins of a pillow.	39.2162637, - 121.3290644
H. Empire Mine State Historic Site TSN 172	Mine structures, models and displays at largest of mines that operated 1851-1956 to vertical depth of more than 1 mile. Open 10-5.	39.207025, - 121.051265
I. Malakoff Diggins State Historic Park TSN 176, RHL 37	Malakoff Pit dug 600 feet deep by hydraulic mining of Eocene river gravel, now filled in to 300 ft. deep. North Bloomfield ghost town. Park open sunrise to sunset.	39.362717, - 120.924522
A. I-50 westbound Gold Run Rest Area TSN 168, RHL 49, 236	Mile-wide, 300 ft. thick Eocene river channel gravels, spectacularly exposed, mined 1860-1880. Short trail to Stewart Mine working face from e. end.	39.179, - 120.8555
B. Loch Leven trail RHL 52,. 236	Jurassic volcanic rocks grade over several hundred feet into Cretaceous Granite, 1/2 mile along trail from trailhead on Hampshire Rocks Rd.	39.3091926, - 120.5160169
C. Donner Pass RHL 55, 236	Back-to-back cirques on either side of Sierra divide, view of Donner Lake 1160 ft. below.	39.31646150 000001, - 120.3259245
View of China Wall RHL 58, 236	Wall built to support original transcontinental railroad visible.	39.316954, - 120.3194498
D. Quarry on NV 206, 2 mi. S. of Genoa RHL 87, 237	Slickenlines on exposed fault plane of Genoa fault, one of the best exposed active fault surfaces in US. Granite from golf ball to marble size, ground as if by millstones.	38.9854, - 119.8354
E. Conway Summit View of Mono Lake FMW 71	Turnout on 395 where Mono Lake is first visible	38.07403300 000001, - 119.176695
A. Convict Lake CLML, UDO 240	Walk through Cambrian through Permian strata of Mt. Morrison roof pendant, much of it contact-metamorphosed in 10-mile RT hike to Mildred Lake; moraines of three glaciations (pre-Tahoe, Tahoe, Tioga) visible on drive to lake.	37.594728, - 118.851992
B. McGee Creek Campground TSN 98; UDO 232	Hilton Creek fault has 50-foot high scarp that cuts a glacial moraine.	37.562408, - 118.785637
C. Cut on US 395 at Lower Rock Creek	Big Pumice cut allows dating of Sherwin Till at about 800K yrs; airfall pumice from Long Valley eruption overlain by ash-fall pumic and	37.5558946, - 118.6571019

Page 4 of 9 Source reference codes see p.9; Google Maps/Earth see georgiarocks.us/california

TSN 102; UDO 225	cut by clastic dikes.	
D. View of "pimple"	Tufa towers uncovered by lowering of Mono Lake due to water	37.47531, -
gas vents along	usage; boardwalk to water's edge.	118.564417
Gorge Rd.		
UY 242, TSN132		
E. Owens River	Obsidian flow extending 1-2 miles from its vent, unusual, dated	37.525244, -
Gorge, viewpoint by	about 1320 CE	118.575263
gate to upper power		
plant		
TSN 138		
F. Hot Creek	Hot Creek is antecedent stream that cut 100-feet deep gorge in the	37.660515, -
Geological Site	SE flank of the LV resurgent dome, exposing hot springs.	118.827719
TSN 96		
A. Mono Basin	From parking area, look west to view of 13 KY old Lake Russell	37.966484, -
Visitor Center	shoreline just beneath Lee Vining's "LV" letters. From patio, see	119.1207
UY 238	Black Point, Negit Island, Paoha Island, mesa that is top of old delta,	
	White Mts., and Mono Craters chain.	
B. Cut along	Soft sediment deformation in basaltic tephra deposited in Lake	38.0239063, -
Cemetery Rd.	Russell about 13 KY ago.	119.1326576
UY 250		
Trailhead to Black	Trailhead for 1-mile to top of Black Point volcano, flat-topped	38.0258504, -
Point	because of eruption underwater, and cut by fissures up to 80 feet	119.0844157
UY 252	deep.	
C. Panum Crater	Pumice rim, rhyolite core in center, with glass dome built in 3 steps.	37.926906, -
UDO 292, TSN 137	Gash in north rim caused by explosion. Erupted 1310 CE.	119.044462
D. South Tufa Area	Tufa towers uncovered by lowering of Mono Lake due to water	37.942199, -
UY 242, TSN132	usage; boardwalk to water's edge.	119.028986
E. North Obsidian	Obsidian flow extending 1-2 miles from its vent, unusual, dated	37.911605, -
Coulee	about 1320 CE	118.997583
TSN 138		
F. View from Log	Panoramic view of lower Lee Vining canyon showing Tioga and	37.942679, -
Cabin Mine Rd to	Tahoe moraines.	119.137754
Lee Vining Canyon		
UY260		
G. Ellery Lake	Paleozoic dark metasedimentary rocks (hornfels)	37.935846, -
turnout along CA		119.234303
120		
TSN 270		
Bennettville	Park at end of Junction Lake Rd., walk across bridge toward	37.937135, -
trailhead	campground, stay right before campground and follow Bennettville	119.252041
UY 266	trail signs.	27.025.46
H. Bennettville	Folded metasedimentary rocks with glacially polished surfaces, at	37.93548, -
UY 268	failed silver mining ghost town, 0.3 mile hike from trailhead.	119.259387
I. Tioga Lake	View to SE up Glacier Canyon, cut into Miocene land surface	37.921316, -
overlook	preserved as Dana Plateau.	119.254712
TSN 268		

Page 5 of 9 Source reference codes see p.9; Google Maps/Earth see georgiarocks.us/california

I Tloga Pace / Dana	Vottle pends and recessional moraines in Dana Meadows	37.910276, -
J. Tloga Pass / Dana	Kettle ponds and recessional moraines in Dana Meadows.	119.258126
Meadows Viewpoint		119.236126
TSN 266; UY 255 A. Silver Lake	Steep slope above is a fault scar cleaned off by the Rush Creek	37.779509, -
TSN 130	Glacier.	119.128171
B. Devil's Punchbowl	Small crater from eruption that quit early - no tuff ring as at Panum.	37.809628, -
TSN 139	F	119.028324
C. Obsidian Dome	Formed when rhyolite magma oozed from a vent ca. 1350 CE. Black	37.7495374, -
TSN 120, UDO 279	obsidian, plus rhyolite and pumice in abandoned quarry, 1/3 mi. walk up gated road.	119.0218332
Inyo Craters	Follow unpaved road 1 mile to parking area.	37.689172, -
trailhead		119.005622
TSN 118		
D. Inyo Crater Lakes	Hike 1/3 mile to two small craters containing lakes, formed when	37.691424, -
TSN 118	magma encountered groundwater ca. 1450 CE	119.010934
E. "Earthquake	Crack 10 ft. wide, 50 feet deep, about a mile long, may have formed	37.653826, -
Fault" ravine	or widened in 1750 earthquake.	118.999951
TSN 110; UDO 250	The state of the s	
F. Minaret Summit	View to W of Minarets, formed of Cretaceous metavolcanics, and	37.656699, -
TSN 116; UDO 271	forming range crest as distinct from drainage divide which is at	119.061423
====, == = - =	Minaret Summit.	
G. Devil's Postpile	Columnar jointing in 400 ft. thick basalt flow, thick because of	37.627059, -
UDO 272, TSN 112	obstruction in valley, possibly glacial moraine	119.085045
H. Mammoth Mt.	Fumarole above Mid Chalet. View from 11,030 summit and northern	37.622826, -
top of Gondola Ride	viewpoint, across Long Valley Caldera.	119.034653
UDO 258, TSN 106		
I. Horseshoe Lake	Area bare of vegetation due to CO2 release that began following	37.612994, -
TSN 108, UDO 267	1989 earthquakes.	119.019192
A. Pothole Dome	Glacial striations, polish, chatter marks, and potholes on roche	37.879924, -
UY 154, TSN 264	moutonnee overlooking Tuolomne Meadows. Aplite dikes respond	119.393214
	differently to glacial polish compared to granite. Half Dome	
	granodiorite erratics (no megacrysts) rest on Cathedral Peak gd	
	(megacrysts) in shallow bowl just S. of true summit. 3/4 mile loop to	
	top of dome and return via steeper side.	
B. Tenaya Lake	Treetops projecting from lake are evidence of megadrought	37.836314, -
UY 175, 167; TSN,	between 1000 and 1400 CE. Exfoliation slabs across road. Erratics of	119.454375
260	Cathedral Peak Granodiorite (huge phenocrysts) rest on Half Dome	113.13.1373
200	gd.	
C. Olmsted Point	Erratics at parking area are Half Dome Granodiorite resting on	37.8104445, -
UY 166	striated same, but hike 1/2 mile to Olmstead Point proper to see	119.4854197
01 100	granodiorite of Kuna Crest on Half Dome gd.	113.7037137
D. Cut at bend in CA	Exfoliation joints thicken with depth	37.839551, -
120 W. of Yosemite	Extendition joints theken with depth	119.590151
Creek		113.330131
UY 149		
E. Cuts along Cherry	Corestones in Eocene erosion surface laterite show how weathering	37.828491, -
L. Cuts along Cherry	Corestones in Locene erosion surface laterite show now weathering	J1.0204J1, -

Page 6 of 9 Source reference codes see p.9; Google Maps/Earth see georgiarocks.us/california

	T	T
Lake Rd. 1 mi. N. of CA 120 UY 229	can produce rounded boulders in soil.	120.007868
	\( \text{\tinc{\text{\tin}\text{\tetx{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\text{\tin}\tint{\text{\text{\text{\text{\text{\tin}\text{\text{\text{\tex{\text{\text{\texi}\tint{\text{\texi}\text{\text{\texi}\tinz}\tex{\text{\text{\texi}\tinz}\tinz{\text{\text{\text{\ti}\t	27.024.000
F. Rim of the World Vista UY. 225	View of low-relief Eocene surface cut by young Tuolomne River gorge.	37.821908, - 120.039234
G. Cut on CA 132 0.2	Massive white quartz veins cut green-colored quartz-ankerite-	37.707981, -
mi W. of Coulterville TSN 220	mariposite (chromium mica) rock. Outcrop lies on trace of Melones fault and Mother Lode. Mariposite forms from hydrothermally altered serpentine.	120.198026
H. View across Stanislaus River from Tulloch Road UY 219	Columnar-jointed latite of 10 my-old Stanislaus Table Mtn. lava flow overlies (covered) river gravels that rest on 175 my-old metavolcanic breccia.	37.853204, - 120.636234
View across Stanislaus River just downstream of Goodwin Dam UY 222	Clear view of latite resting on river gravel.	37.86048880 000001, - 120.6320018
A. Battery Godfrey	Descend path through serpentinite to beach and melange containing	37.8029385, -
Trail to Baker Beach B2188 68	sandstone,, chert, and garnet-bearing amphibolite	122.4780485
B. Battery 129	Folded red chert with red shale, resting on pillow basalt.	37.827493, -
Parking TSF 72, RHL 13	, 5 1	122.498945
C. Point Bonita	Graywacke, pillow basalt with chert altered to jasper, along trail.	37.82193000
lighthouse GGH 13 #2, TSF 74	Best pillows are near water line below lighthouse.	000001, - 122.529386
D. Quarry in red chert B2188 67 #3	Ribbon chert with shale and gray manganese staining near base.	37.832162, - 122.528898
E. Headland at N. end Rodeo Beach TSF 76 #1, B2188 68 # 4	Graywacke with graded bedding and cross-bedding, excellent views.	37.832006, - 122.541032
Rodeo Beach	Primarily rounded red and green chert, lesser mafic volcanic rock	37.8299125, -
GGH 14, TSN 76 #2	fragments 1-4 mm; also carnelians, semi-transclucent orange chalcedony that formed in vesicles of pillow basalts.	122.5367618
F. Outcrops S. end of	The following rocks are encountered as you go southward along the	37.826287, -
Rodeo Beach	cliff:1. red chert,2. sandstone and siltstone; repeated several times	122.534604
TSF 77	by faulting,3. mixed pillow basalt and chert,4. large sandstone blocks, probably from a landslide, 5. a promontory of pillow basalt	
	that blocks further access to the south.	
G. Ring Mountain, end of Taylor Rd.	Blocks at parking area include amphibolites, eclogites, and blueschists. The amphibolites have dark elongated crystals,	37.91296, - 122.4880743
TSF 94	sometimes up to two inches long. The blueschists appear as very	

Page 7 of 9 Source reference codes see p.9; Google Maps/Earth see georgiarocks.us/california

	T	
	dark blue layers within the schists. The eclogites have small red	
	crystals of garnet.	
Ring Mountain	1/4 mile hike to crest, formed of two thick sub-horizontal layers of	37.9098214, -
summit	light yellow-brown serpentine that resists weathering and forms	122.4861324
TSF 97	hard blocky outcrops. On fresh exposures, the rock is pale green,	
	sometimes with dark specks about the size of small peas. These dark	
	specks are remnants of pyroxene crystals that have been altered to	
	serpentine.	
Twin Peaks	North peak is red chert, south peak is weathered chunky, yellow-	37.7524957, -
TSF 66	brown pillow basalt.	122.4475595
H. Mussel Rock Park	Steep cliffs on NE side of San Andreas fault, composed of weakly	37.6660452, -
TSF 114, B2188 92	consolidated Pliocene and Pleistocene sediment, view of offshore	122.4946355
	rock,SW of fault, of Franciscan metamorphics	
I. Cuts along Devils	Steeply dipping and folded layers of shale, sandstone, and	37.5852753, -
Slide trail W. of	calcareous marl of Paleocene age, in first 1/4 mile of hike from	122.5127503
Pedro Point parking	parking area.	
SAF 92, TSF 121		
Devils Slide	Landslide where steeply dipping Paleocene strata slip on a glide	37.58230340
SAF 92, TSF 122,	plane as much as 150 feet below the surface on weathered granitic	000001, -
B2188 116	bedrock, extending from 900 feet elevation to sea level.	122.5151324
J. Cuts along Devil's	Cretaceous-age granitic rocks of the Salinian Block, crosscut by	37.573078, -
Slide trail N. of main	quartz-rich and mafic dikes, at location of slide of Paleocene	122.51691
parking area	turbidites from 900 feet elevation to sea level.	
SAF 93, TSF 122		
K. Point Montara	Montara granitic rock in fault (and depositional?) contact with	37.537297, -
SAF 95	Quaternary marine terrace deposits.	122.518914
View of San Andreas	Skyline Boulevard follows Buri Buri Ridge along the east side of the	37.61063, -
Lake off Skyline Blvd.	San Andreas Rift valley northward to Daly City. Look to the west to	122.435498
SAF 83	get a glimpse of San Andreas Reservoir, the original home of San	
	Andreas Lake, a historic natural sag pond from which the name of	
	the San Andreas Fault was derived.	
	the San Andreas Fault was derived.	

Sources (followed by page no.):

AFW - McPhee (1998) Annals of the Former World

CLML - Anderson (2004) Convict Lake to Mildred Lake - A Geologic Trail Guide

FMW - Harris (2005) Fire Mountains of the West

B2188 - NAGT (2001) Geology and Natural History of the San Francisco Bay Area, USGS Bull. 2188.

cageol.kmz – California geologic map downloaded to Google Earth from http://mrdata.usgs.gov/geology/state/state.php?state=CA

L715 - Nan Lindsley-Griffin, correspondence, June-July 2015

LVRI - NPS (2014) Lassen Volcanic National Park Geologic Resources Inventory Report

K715 - Terry Kato, correspondence, June-July 2015

N412 - N. Cal. Geol. Soc. newsletter, Apr. 2012: article on Sept. 2010 Moores-led trip by Day

OLV - Hirt (2011), Geologic Overview of Lassen Volcanic National Park

RHL - Mehldahl (2011) Rough-Hewn Land

RNC - Alt and Hyndman (2000) Roadside Geology of Northern and Central California

SAF - Stoffer (2005) The San Andreas Fault In The San Francisco Bay Area, California, USGS OFR 2005-1127

TSF - Konigsmark (1998) Geologic Trips, San Francisco and the Bay Area

TSN - Konigsmark (2011) Geologic Trips, Sierra Nevada

UDO- Sharp and Glazner (1997) Geology Underfoot in Death Valley and Owens Valley

UY - Glazner and Stock (2010) Geology Underfoot in Yosemite National Park