

Challenge 5. – Carson Pass to Hope Valley.

Bring your headlamps and climbing gear as you explore some of the historical mines and mining areas of the Sierras.

Check Point	Instruction	Question	Answer
CP 41	Find the point where highway 88 crosses the Wilderness Boundary at the top of Carson Pass.	What is the elevation at this point?	8600 feet
CP 42	Find the Grave near the top of Carson Pass	How many meters is it from CP 41 to the Grave?	312 meters
CP 43	Find the three buildings at the Eastern end of Red Lake.	What is the elevation of the highest of these two buildings?	7800 feet
CP 44	Follow highway 88 North to the Corral.	How many contour lines were crossed on this route?	8
CP 45	Find BM 7360	What is the distance in miles on highway 88 from the Corral to this point?	0.79 miles
CP 46	Find the 2 buildings at Alpine Mine.	What is the distance by trail of the shortest route from BM 7360 to Alpine Mine?	2.13 miles
CP 47	From the buildings at Alpine Mine travel directly to Stevens Peak.	How many major contour lines are crossed?	7
CP 48	From Stevens Peak plot a bearing of 173.5° TN. From the 8806 peak at Alpine Mine plot a bearing of 242° TN	What is the UTM at the intersection of these 2 bearings?	0240830E 4290640N
CP 49	Take the flattest path West to the Wilderness Boundary and follow the Boundary North to the 9400 foot elevation point.	How much elevation is gained and lost following the Wilderness Boundary?	520 feet gain 680 feet lost
CP 50	You team is out of water.	What is the distance in miles and the difference in elevation to the nearest water source?	0.35 miles 520 feet lower
Rest Stop	Go to www.ARNavigationalSupplies.com and check your answers		

