

3. You are planning a hike from the end of a road, labeled as **point "D"** (located to the west (left) of "Forest"), to the peak of **Santa Cruz de Nuca Mountain** and then, staying on the ridges (height of land) until you get to **point "C"** (located by the first "o" in Nootka). Sketch your route on the map - be sure to stay on the ridge tops and avoid steep slopes.

4. You are "lost" but somewhere on the map. From your location you can see the peaks of Santa Cruz de Nuca Mountain at 284° , James Cone at 319° and Mount Walker at 012° . Determine your location – show your workings (i.e. label any line work) on the map. Comment on the confidence of your location.

Refer to the 1:25,000 sketch map of Moose Lake

6. At a grade of 4%, **plot a trail location** from the end of the road (marked "C") up to the viewpoint (marked "V"). Determine the horizontal distance of the proposed trail. (As a bonus, determine the walking distance (SD) of the trail – note that it will be very close to HD because the grade is so slight).