

Report of reconnaissance made by F. W. Libbey and H. M. Dole April 14, 15, and 16 in the coastal area of southern Coos County and Curry County.

April 14 a reported manganese occurrence was investigated east of Myrtle Point approximately 2½ miles and just south of Sugar Loaf Mountain. This occurrence was called to our attention by Mr. Sibert of Myrtle Point. Mr. Sibert had assay blanks showing results of 45 percent manganese. The specific location from which the manganese was obtained for these assay results was never found. The area investigated is one of Dothan(?) sandstones and shales with chert and basaltic intrusives. It is quite possible that manganese does occur in the locality but none was located. The area is about a mile to a mile and a half north of the Guerin manganese deposit.

The afternoon of April 14 the terrace east of the Bandon golf course was investigated at the request of the owner of the property. It was reported that a man was periodically taking these sands and selling them when he "needed spending money". The owner was curious as to the values. The terrace is at approximately 50 feet and nothing unusual was noted about it. A screen was found but no pits (which had been reported) were seen. Mr. Libbey took two samples (P-11035, P-11036) from the terrace bank where there was some limonite staining. These samples are to be panned by Mr. Libbey.

April 15 automobile traverses were made up Fourmile Creek, along the ridge east of Langlois and up Floras Creek. Approximately 3 miles up Fourmile Creek, south of the road and across the creek is a landslide area that shows considerable chert, some of which is manganese stained. The area is terribly torn by landslides. No manganese was seen in place. It is doubtful that this location is worthy of further prospecting. Country rock is mainly sandstone and shale of the Dothan(?) formation. Regional trend could not be determined. A traverse was made on the road which goes east out of Langlois and up toward Round Top Mountain. Approximately 5½ miles east of Langlois and along the ridge top is an outcrop of calcareous silicified shale. This is just south and slightly east of the McAdams manganese occurrence on Bethel Creek. A sample (P-11056) was taken of this outcrop and a spec is to be run on it. Here, too, the rock apparently is Dothan formation. The traverse was continued for approximately another 5 to 5½ miles to the Hilderbrand manganese occurrence. Most of the way the sediments were typical of the Dothan formation; however, there were several outcrops in the vicinity of Bennett Butte that could be of Cretaceous rocks. The Hilderbrand manganese occurrence was sampled (P-11037). The report by Brown to be found in the Curry County binder was confirmed. Another traverse on the road just south of this one and going up the north side of Floras Creek was made in the afternoon. A chert and serpentine

occurrence was investigated approximately 3 miles east of Highway 101 up Floras Creek. Here again there was some manganese staining but certainly nothing of economic interest was noted. This occurrence reminded me of the Colegrove manganese deposit in that schist, apparently formed from the metamorphism of sandstone, was found adjacent to chert. Evidently the chert zone was one of weakness and allowed intrusion of serpentine which altered the sandstone. Similarity between the rocks seen on this traverse and rocks of the Dothan formation is striking.

April 16 the reported limestone occurrence on Bear Trap Creek (south of Port Orford and just behind Humbug Mountain) was investigated. The limestone is on the property of Ray Fromm, Port Orford. Mr. Fromm reports analyses of "almost 100 percent". The limestone lens was not found; however a dioritic intrusive, probably a dike, was found and considerable contact metamorphic rocks were noted in the area. Three samples were taken (P-11057, P-11058, P-11059) and specs are to be run on them. Mr. Fromm is to be contacted by letter requesting a sample of the limestone. The age of these rocks is in question.

