

will doubtless be directed to these upon their being made easily accessible by the present projected line of railway, which it is anticipated will cross this section. At this place also the richest ore by assay is found in close proximity to a dioritic dyke of considerable magnitude.

An attempt was made some half dozen years ago to extract the gold from the banks of clay, sand and gravel along the Du Loup, a tributary from the east of the Chaudière, by the hydraulic method. Owing to various unfavorable circumstances this enterprise does not appear to have been remunerative. The failure in this case should not, however, be regarded as conclusive, as determining the unprofitableness of such an enterprise, either on this stream or the many others in this locality, since from a series of trial washings over considerable areas made in 1851-52 under the supervision of an officer of the Geological Survey the results obtained from the Du Loup district were such as to fully warrant the employment of this method for the separation of the gold on a large scale. The occurrence of nuggets of large size, some of which had a value of over \$1,000, from the auriferous gravels of this district is a very important feature, since such coarse gold has not in all probability travelled any considerable distance from its source. Comparing the very low percentage of gold which is profitably extracted from the gravels of California and Australia by this method with the yield obtained in the experimental trials just referred to in the Chaudière district, there should, for that section, be a very handsome margin for profit over expenditure, provided the topographical features of these streams are such as to render the use of the hydraulic method possible; and it is certainly but reasonable to expect that the time is not far distant when with the aid of proper and skilled mining experience, and by the judicious expenditure of capital, the gold industries of this portion of the Dominion will be found to be equally valuable with those either of British Columbia or of Nova Scotia.