THE OLDEST AND ONLY OFFICIAL MINING AND ENGINEERING JOURNAL PUBLISHED IN THE DOMINION OF CANADA.

The REVIE & PUBLISHING CO., Proprietors.

PUBLISHED MONTHLY.

157 St. James Street, Montreal

VOL. XXIII-No. 9.

MONTREAL, SEPTEMBER 30th, 1904.

\$3.00 per year.
25 cts per copy.

Address all business to The CANADIAN MINING REVIEW, Montreal, Canada.

Subscription, payable in advance, \$3.00 per year, including postage.

Notice to discontinue should be written to the Montreal Office.

Advertising copy must reach the REVIEW OFFICE not later than the

13th of each month to secure insertion in current issue.

CONTENTS.	PAGE
EDITORIAL NOTES.	
EDITORIAL:	,
Lead in Ontario	. 168
The Le Roi Mining Company.	. 168
The Alaska Gold Belt	. 169
The Granby Smelter	. 170
Extension of the Lead Bounty Act	. 170
Canadian White Lead	. 170
OBITUARY:	
Marcus Smith, C.E.	. 171
John F. Stairs	. 371
PAPERS:	
Notes Concerning Northern Ontario (J. J. B.)	. 171
Appraisal of the Value of Coal Lands. By H. M. Chance	•
(Concluded)	. 172
Recent Rock Movements in the Laurentian, etc. By S	•
Ditlon Mills	17.1
H. Plunkett	. 177
Another Australian Zinc Process	. 177
Commercial Wet Lead Assay	. 177
The Cassiar Coal Company	
The Shakespeare Mine Accident	. 179
Personals.	. 179
Mining Share Market	
Chemical Notes.	
Industrial Notes	. 180
Mining Notes	
Coal Notes	. 184
Digest of Recent Patents: Mining, Metallurgical	. 184
New Companies	. 185

Our article on The Nicola Coal Field in the August issue has occasioned the receipt of two letters from gentlemen interested in corporations operating in that field, who object to the characterization of the coal which our correspondent gave as "of a low bituminous character, just a little removed from lignite."

In support of their objections our correspondents give analyses which support their views that the coal is bituminous. At the same time the Review begs to say that the words it used characterized the coals as bituminous, not as lignitic. The Review has no wish to depreciate property, nor to misrepresent facts, and has taken steps to have this matter settled in time for publication in our next (October) issue.

While on the subject of coal, we cannot refrain from again impressing upon investors the fact that coal deposits of great magnitude have been discovered in various parts of British Columbia during the last half dozen years. With coal on Vancouver Island, in the Nicola District, at Crow's Nest Pass, at Banff, at Anthracite, at Lethbridge, Canmore, Frank, Coleman, Hosmer, and in the Blairmore, Flathead and Elk Districts, and with every grade known, from lignite to anthracite, there is sure to be a surplus for the comparatively limited market now existent. Supply and demand will settle how many of the score of coal companies now in the field can weather the storm; cērtainly there is no present market for all the coal these companies can send out.

The many improvements which have been made in connection with gold-dredging machinery are attracting much capital to this most successful branch of gold mining. centrifugal elevator, or refuse ejector, of Messrs. Payne and Peck, and the silt-distributor of McGeorge, are two of the most important new inventions. In view of the fact that some 50,000 acres of good arable bottom lands and orchard country are being yearly destroyed on the North American continent, the invention of McGeorge is likely to be of permanent value. Essentially the apparatus is intended to distribute soil on top of the rocks and boulders left by the dredge so as to re-make arable land. So far the tests made have shown that grass, grain and young trees planted on the new ground have thriven and done well. If further results continue to be satisfactory, the hue and cry of the low land farmers will be effectually silenced.

A piece of news which Eastern shareholders profess no knowledge of is that the dredge of the Ogilvie Gold Dredging Co. has left its rich (?) bar on the Stewart River and gone into contract work on the Klondike River, about half a mile above the bridge; Dawson papers of the 26th of August report the dredge to have been at work on that date. Outsiders (and perhaps some shareholders) might be curious as to why a dredge, built o save gold on a concession extending over more than 80 miles, should have been diverted to a 50 per cent. tribute lay on another concession some 150 miles distant. But if such outsiders were shareholders in the Ogilvic Co. they probably would receive the declaration that their president was omniscient, and not to be annoyed by vulgar questions.