

**THE MINING WORLD
INDEX OF CURRENT
LITERATURE. VOL. II.
SECOND HALF YEAR 1912**

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The Mining World Index of Current Literature. Vol. II. Second Half Year 1912 by George E. Sisley

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GEORGE E. SISLEY

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INDEX OF CURRENT
LITERATURE. VOL. II.
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THE
MINING WORLD INDEX
of Current Literature

VOL. II SECOND HALF YEAR 1912

By GEO. E. SISLEY
Associate Editor
Mining and Engineering World

*An International Bibliography of Mining and the Mining Sciences Compiled and
Revised Semi-Annually from the Index of the World's Current Literature
Appearing Weekly in "Mining and Engineering World"*

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CALIFORNIA.

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CHICAGO
1913

PREFACE.

An "Index of Current Literature," if it be correctly named, should embrace all important references to the literature of the field which it assumes to cover. In THE MINING WORLD INDEX OF CURRENT LITERATURE, the attempt has been made to cover the broad field of the world's current literature of mining, metallurgy and allied industries. This index has been compiled continuously since the beginning of 1911 and published weekly in *Mining and Engineering World*. After a year's trial, the work was so well appreciated that it was decided to thereafter publish the index semi-annually in book form for the benefit of engineers and others who wish to keep in easy touch with the progress that has been made in mining, metallurgy, etc. The first volume, published in August, 1912, covered the first six months of that year and met with instant appreciation.

In the second volume, covering the second half of 1912, some changes have been made in the arrangement adopted in the first volume, with the view to making reference easier. We believe that these changes have greatly improved the work. Sub-divisions of the larger subject heads and the inclusion of additional information covering the republication of articles in other journals, etc., will be found to be an improvement over other similar indexes. This departure in work of this kind will prove of particular benefit to those whose library facilities are limited, and this of course applies in nearly all mines and mining centers.

While we appreciate the fact that the book is not perfect, yet it gives a vast amount of information in an arrangement combining extreme simplicity, practical feasibility and immediate and permanent value.

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EXPLANATIONS AND ABBREVIATIONS

The entries show:

- (1) The author of the article.
- (2) A dash if the name is not apparent.
- (3) The title, in italics, of the article or book. Titles in foreign languages are ordinarily followed by a translation or explanation in English.
- (4) When the original title is insufficient a brief amplification is added. This addition is in brackets.
- (5) The journal in which the article ap-

peared; also the date of issue, and the page on which the article begins.

(6) Approximate number of words. Illustrated articles are indicated by an asterisk (*).

(7) The price. Articles mentioned will be supplied to subscribers of Mining and Engineering World and others at the prices quoted. Subscribers, however, will be allowed a discount of 5 cts. if the price of the article exceeds 50 cts.

Subjoined is a list of the commoner abbreviations found in this work. They are used chiefly in the names of periodicals, and of associations. The abbreviations will be found easily intelligible at sight, and are what they purport to be—self-explanatory abbreviations, not symbols.

Acad.—Academy; Académie; Accademia.
Afr.—Africa; African.
Akad.—Akademie.
Allgm.—Allgemeine.
Amer.—American.
Archts.—Architects.
Assc.—Association; Associazione.
Ber.—Berichte.
Bol.—Boletín; Boletim; Bollettino.
Bull.—Bulletin.
Bur.—Bureau.
Centralbl.—Centralblatt.
C-R.—Compte-Rendu; Resoconti.
Chem'l.—Chemical.
Chem'y.—Chemistry.
Colly.—Colliery.
Congr.—Congress.
d.—des (French and German).
Dept.—Department.
Deu.—Deutsche, etc.
Electr.—Electrical.
Engg.—Engineering.
Engr.—Engineer.
Engrs.—Engineers.
f.—for; für.
Gaz.—Gazette.
Geol.—Geological.
Geofy.—Geology.
Ges.—Gesellschaft.
Gov't.—Government.

Hüttenw.—Hüttenmännische.
Ind'l.—Industrial; Industriel; Industrielle.
Ingr.—Ingénieurs; Ingenieros.
Inst.—Institute; Institut; Instituto.
Instit.—Institution.
Jahresber.—Jahresbericht.
Jahrb.—Jahrbuch.
Jnl.—Journal.
Mag.—Magazine.
Mechl.—Mechanical.
Met'g'l.—Metallurgical.
Met'gy.—Metallurgy.
Mex.—Mexican.
Mittlgn.—Mittellungen.
Manfrs.—Manufacturers.
Mag.—Mining.
Oestr.—Oesterreichische; Oesterreich.
Proc.—Proceedings.
Quar'ly.—Quarterly.
Rev.—Review; Revue; Revista.
Sci.—Science; Sciences.
Scient.—Scientific.
Soc.—Society; Société; Società.
Suppl.—Supplement; Supplémentary.
Trans.—Transactions.
Ver.—Verein.
Verb.—Verband.
Verh.—Verhandlungen.
Zentralbl.—Zentralblatt.
Ztg.—Zeitung.
Zts.—Zeitschrift.

PART I.—ORES AND MINERAL PRODUCTS.

METALS AND METAL ORES.

CHAPTER I.

GOLD, SILVER AND PLATINUM.

GOLD.

Gold Fields and Mining.

- Alderson, M. W.—*Gold Mining in Nova Scotia*.—Indl. Advocate, July, 1912; p. 6; Aug., p. 6; Sept., p. 5; 7000 w; 85c.
- Bateman, G. C.—*The Porcupine Gold District, Ont.*—Mex. Mg. Jnl., Dec., 1912; p. 22; 3000 w*; 25c.
- Bell, R. N.—*Big Creek Gold District, Idaho*.—E. & M. J., Nov. 9, p. 891; 1000 w; 25c.
- Brennan, E. H.—*Gold Mining in Nova Scotia; Glusham District*.—Canadian Mg. Jnl., July 15, 1912; p. 478; 2000 w; 25c.
- Brockunier, S. H.—*Unit Costs, Erie Cons., Gaston, Calif.*—E. & M. J., Sept. 28, p. 583; 1000 w; 25c.
- Brodrick, C. T.—*Gold with Copper Ore; [Ratio in Kyshtim pyritic ores]*.—Mng. Mag., June, 1912; p. 431; 200 w; 25c.
- Brooks, A. H.—*The Alaska Mining Industry in 1911*.—U. S. Geol. Survey, Bull. 520-A; 1912; 90 pp*; 20c.
- Brown, C. C.—*Twinlume County Mines, Calif.*—Salt Lake Mng. Rev., Oct. 15, p. 18; 500 w*; 25c.
- Butler, C. M.—*Recent Developments at Leadville, Colo.*—See under Lead.
- Calnes, D. D.—*Quartz Mining in the Klondike District, Canada*. (Canadian Geol. Surv. report; abstract).—Can. Mg. Jnl., Dec. 1, 1912; p. 811; 5000 w; 20c.
- Capps, S. R.—*Gold Placers of the Yentac District, Alaska; [and Coal]*.—U. S. Geol. Survey, Bull. 520-F; 1912; 31 pp*; 10c.
- Choffat, P.—*Sur les sables aurifères, marins, d'Adica et sur d'autres dépôts aurifères; [The beach placer sands of Adica and the west shore of Setubal peninsula, Portugal]*.—Portugal Service Geol. Communications, Vol. 9, 1911; pp. 1-27; \$1.50.
- Clapp, C. H.—*Southern Vancouver Island*.—See Copper.
- Collins, E. A.—*First Impressions of the Road*.—M. & S. P., June 29, 1912; p. 883; 2500 w*; 20c.
- Conder, H.—*The Mt. Lyell Co.'s Property; [Ore bodies]*.—Australian Mng. Standd., Aug. 1, 1912; p. 107; Aug. 8, p. 131; 3000 w*; 50c.
- Connelly, W. A.—*Prospecting in Nicaragua; [Northern gold fields]*.—M. & S. P., Sept. 21, 1912; p. 373; 1600 w*; 20c.
- Denis, T. C.—*Annual Report, Quebec Dept. of Mines, 1911*.—See Copper.
- Denis, T. C.—*Ungava—Canadian Mng. Jnl.*, July 1, 1912; p. 442; 2100 w*; 25c.
- Dick, J. E.—*Churn-Drill Examination of Placers; [Drill and tools, setting up and operation; sampling; calculations, etc.]*.—Mines & Minerals, Sept., 1912; p. 92; Oct., p. —; 7500 w*; 65c.
- Bakin, H. M.—*The Rampart and Hot Springs Regions, Alaska*.—U. S. Geol. Survey, Bull. 520-I; 1912; 20 pp*; 10c.
- Eddy, L. H.—*Angels Camp, Calaveras County, Calif.*—E. & M. J., Oct. 12, p. 681; 1000 w; 25c.
- Eddy, L. H.—*Forbestown District, Butte-Yuba Counties, California*.—E. & M. J., July 27, 1912; p. 187; 4500 w; 25c.
- Dyans, C. W.—*The Natives-Operated "Gold Farms" of Peru*.—Mining & Engng. World, Aug. 17, 1912; p. 293; 500 w; 10c.
- Feust, Arthur.—*The Chontales Mining District, Nicaragua*.—M. & S. P., Dec. 1, 1912; p. 720; 2500 w*; 20c.
- Frost, A. W. H.—*The Pilgrims Rest and Sabts Gold Fields; [Oldest gold center in S. Africa]*.—S. Afr. Mg. Jnl., Anniversary No., Sept., 1912; pp. 315-319; 6000 w*; \$1.
- Gama, F. P.—*El Porvenir Mine in the District of Mallama, Colombia*.—M. & S. P., July 13, 1912; p. 48; 2000 w*; 20c.
- Gamba, F. P.—*Gold Mines in Southern Colombia*.—Amer. Inst. Mng. Engrs., Bull. 58, Aug. 1912; pp. 863-866*; \$1.15.
- Geiger, A. W.—*The Major Mines; [near Baguio, Benguet, Philippines]*.—M. & S. P., Nov. 18, p. 627; 150 w*; 20c.
- Goding, W. F.—*The Mineral Wealth of Uruguay*.—Mex. Mng. Jnl., Oct., 1912; p. 25; 1200 w; 25c.
- Grothe, A., and Salazar, L.—*La Industria Minera de Méjico: Tomo I—Estados de Hidalgo y de Méjico; [The mining industry of Mexico; Vol. I—States of Hidalgo and Mexico]*.—Mexico City, 1912; 304 pp.; \$1.50.
- Haerberle, A. T.—*Commerce and Industries of Honduras*.—U. S. Consul. Rep., Nov. 14, p. 817; 500 w; 20c.
- Haerberle, A. T.—*Southern Honduras*.—