

Information Circular No. 2
IDAHO BUREAU OF MINES AND GEOLOGY
Moscow, Idaho
October, 1957

THESES OF THE COLLEGE OF MINES
UNIVERSITY OF IDAHO, 1911-1957

Compiled and indexed by
ALICE J. BRADY

State of Idaho
ROBERT E. SMYLLIE, Governor

Idaho Bureau of Mines and Geology
E. F. COOK, Director

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IDaho Bureau of Mines and Geology

MOSCOW, IDAHO

FOREWORD

This up-to-date list of the theses which have been written in the College of Mines (formerly School of Mines) at the University of Idaho has been compiled by Alice J. Brady of the Bureau staff. Representing 47 years of research activity, the theses are divided into the three fields of geology, metallurgy, and mining and under each major heading are listed by year of completion.

The theses whose titles are preceded by the notation (UI) are in the Library of the University of Idaho and, in most cases, may be obtained on loan by application to that library. Theses whose titles are preceded by (BM) may be found in the library maintained by the Idaho Bureau of Mines and Geology in the Mines Building on the University campus where they may be consulted.

E. F. COOK
Director

GEOLOGY

<u>1917</u>	<u>Title</u>	<u>Degree</u>
GARBER, C Y.	(BM) Microscopic Examination of Opaque Ores	B.S.(Geol.)
<u>1918</u>		
GOWEN, JUSTIN B.	(BM) Geology and Mineralization of Red Ledge Formation	B.S.(Geol.)
<u>1919</u>		
ANDERSON, ALFRED L.	(BM) The Geology and Ore Deposits of the Silver Hill District, Spokane County, Washington	M.S.(Geol.)
BIRCHBY, WILLIAM H.	(BM) The Important Clay Deposits of Latah County, Idaho	B.S.(Geol.)
CUMMINS, ROBERT M.	(BM) A Study in Mining Litigation	B.S.(Geol.)
MCLEOD, ARTHUR A.	(BM) The Geology of Silver Hill District, Spokane County, Washington	B.S.(Geol.)
SIEGFUS, STANLEY S.	(BM) A Geological Study of the Boise Basin, Idaho	B.S.(Geol.)
<u>1920</u>		
SIMON, HAROLD L.	(BM) A Study of the Pegmatites of Latah County, Idaho	B.S.(Geol.)
<u>1921</u>		
CARDER, DIAN SAMUEL (UI)	Origin of the Palouse Soil in the Vicinity of Moscow, Idaho	M.S.(Geol.)
EASTMAN, E. A.	(BM) A Geological Study of the Copper Outcrops near Troy, Idaho	B.S.(Geol.)
PIPER, ARTHUR M.	(BM) Paragenesis of Some Primary Ores from the Rex and Success Mines, Coeur d'Alene District, Idaho	M.S.(Geol.)

GEOLOGY (cont.)

1925

WAIL, ANDREW J. (BM) Report on the Ramshorn Mine, Bayhorse, Idaho B.S.(Geol.)

1926

MORRELL, LESTER G. (BM) Genesis of Some Primary Ores from Leadville, Colorado B.S.(Geol.)

WHITE, NORMAN RUSH (BM) A Study of the Age Relations of the Butte Ores B.S.(Geol.)

1927

SORENSEN, ROBERT E. (UI) The Geology and Ore Deposits of the South Mountain Mining District, Owyhee County, Idaho M.S.(Geol.)

1928

HAYWARD, HAROLD L. (BM) Some Features of the Contact Metamorphism in the Seven Devils Region of Idaho B.S.(Geol.)

UDELL, STEWART (BM) Contact Metamorphism in Certain Ore Deposits (UI) of the Seven Devils District, Idaho M.S.(Geol.)

1929

JOHNSON, M. MELVILLE(BM) & MYRENE, C. F. The Geology and Economic Resources of a Portion of Latah County, Idaho in the vicinity of Moscow, Idaho B.S.(Geol.)

MARK, WILLIAM D. (BM) Fossil Impressions of Ice Crystals in Lake Bonneville Beds B.S.(Geol.)

MARSH, FRANK A. (BM) Geology of the Ore Deposits of the Azurite Mine (note: in Seven Devils) B.S.(Geol.)

1930

HITE, THOMAS HUGH (BM) The Origin of Certain Clay Deposits of (UI) Latah County, Idaho M.S.(Geol.)

SLATE, ELGAR D. (BM) The Causes of Green Stain in Tuffs from Bayhorse Quadrangle, Idaho B.S.(Geol.)

GEOLOGY (cont.)

1930

- VANCE, LESLIE R. (BM) The Character and Age Relations of the Volcanics in the Potato Hill area, near Deary, Idaho B.S.(Geol.)
& SHOOK, I. H.

1931

- CARPENTER, JOHN T. (BM) Tentative Correlation of the Tertiary Strata of Parts of Idaho, Wyoming, Utah, Nevada, Oregon and Washington B.S.(Geol.)

1932

- CARPENTER, JOHN T. (UI) A Tentative Correlation of Northwestern Tertiary Strata M.S.(Geol.)

- RASOR, ALFRED (BM) Mineralogical Analysis of the Gold Ores from the Mayflower Mine (Idaho) B.S.(Geol.)

- SALSKOV, KARL A. (BM) Physiography of the Northern Rocky Mountains Province of Idaho B.S.(Geol.)

- TULLIS, EDWARD L. (BM) The Composition and Origin of Certain Commercial Clays of Northern Idaho M.S.(Geol.)
(UI)

1933

- MAXFIELD, RAY A. (BM) The Geology of the Lead and Zinc Deposits of the Ruby Creek District, Idaho with Suggestions as to Methods of Concentrating the Ore B.S.(Geol.)

- NORTHBY, WALTER L. (BM) Gas and Oil Possibilities of the State of Idaho B.S.(Geol.)

- OLSON, MARVIN A. (BM) The Beauty Bay Mining District of Idaho B.S.(Geol.)

- SWANSON, TED (BM) The Geology and Ore Deposits of the Mineral District of Washington County, Idaho B.S.(Geol.)

1934

- CLAYTON, AUSTIN B. (BM) Copper Veins of the Mizpah Mine in the Hoodoo District near Harvard, Idaho B.S.(Geol.)

- FEATHERSTONE, WRAY (BM) Geophysical Prospecting B.S.(Geol.)

GEOLOGY (cont.)

1914

GORDON, FELIX	(BM)	The Geology of the Oro Mine, Boise Basin, Idaho	B.S.(Geol.)
HAMMERAND, VERAL F.	(BM)	Alteration of Basalt near Troy, Idaho	B.S.(Geol.)
LEE, CHARLES A.	(BM)	The Petrology of the Snake River Basalt	B.S.(Geol.)
MCCALLUM, H. L.	(BM)	The Geology and Ore Deposits of the Sullivan Mine, British Columbia	B.S.(Geol.)
RASOR, CHARLES A.	(UI)	Silver Mineralization at the Sunshine Mine Coeur d'Alene District, Idaho	M.S.(Geol.)

1915

KROLL, EGON H.	(BM)	A Mineralogic Study of the Bunker Hill Lode	B.S.(Geol.)
	(UI)	at Kellogg, Idaho	
LUNDSTRUM, W. G.	(BM)	Heavy Mineral Studies of a Part of the Idaho Batholith	B.S.(Geol.)
	(UI)		
MARCH, CLIMENT	(BM)	History and Production of the Boise Basin,	B.S.(Geol.E.)
	(UI)	Boise County, Idaho	

1916

HAMMERAND, VERAL F.	(BM)	Geology and Petrology of a Part of Paradise Ridge in Northwestern Idaho	M.S.(Geol.)
HUMPHREYS, R. M. & LEATHAM, EARL	(BM)	Geology and Ore Deposits of the Talache Mine	B.S.(Geol.E.)
MAGUIRE, JAMES H.	(BM)	Mineralization on the Thirty-Eight Hundred Level of the Morning Mine	B.S.(Geol.E.)
MILLER, JOHN B.	(BM)	Geology and Ore Deposits of Part of the Ruby Creek Mining District, Idaho	B.S.(Geol.)
SPENCE, ROBERT L.	(BM)	Geology and Ore Deposits of the Red Metals Mine, Yellow Pine District, Idaho	B.S.(Geol.)
TIMKEN, H. W.	(BM)	Geology and Ore Deposits of Page Mine, Coeur d'Alene District, Idaho	B.S.(Geol.)

GEOLOGY (cont.)

1916

WELLS, JOHN C. (BM) Geology of Heyburn State Park, Idaho and the Mesothermal Lead-Silver Ores of the Clark Fork District, Idaho B.S.(Geol.E.)

1917

FAICK, JOHN N. (BM) Geology and Ore Deposits of the Gold Hill District M.S.(Geol.)
(UI)

HUDSON, WILLIAM W. (BM) Geology and Mineral Resources of the Boise District B.S.(Geol.E.)

LARUE, FRANK (BM) Contact Phenomena at Viola, Idaho B.S.(Geol.)

MOIR, L. H. (BM) Geology and Petrology of a Stock near Gom, Idaho B.S.(Geol.)

NUGENT, ALFRED E. (BM) Notes on the Mineralogy of the Silver Crescent Ores B.S.(Geol.E.)

SMITH, NORMAN N. (BM) A Geologic Report on the Mizpah Mine B.S.(Geol.E.)

SORENSEN, ROYAL (BM) Minerals from Certain Placer Deposits in Idaho B.S.(Geol.E.)

1918

CLOUSER, JOHN (BM) Mineralogy of the Webfoot Mine, Vienna District, Blaine County, Idaho B.S.(Geol.)

LINCOLN, PAL ARNOLD (BM) The Geology and Ore Deposits of the Beauty Bay Mining District of Idaho B.S.(Geol.E.)

NELSON, ARTHUR PAUL (BM) Mineralization of the Morning Mine Coeur d'Alene District, Shoshone County, Idaho B.S.(Geol.E.)

RUEBKE, JOHN L. (BM) Geology and Ore Deposits of the Last Chance Mine, Lava Creek District, Butte County, Idaho B.S.(Geol.)

WILLARD, MAX EMERY (BM) The Mineralization at the Polaris Mine, Shoshone County, Idaho M.S.(Geol.)
(UI)

GEOLOGY (cont.)

1939

- CATER, FRED W. (BM) The Geology and Mineral Resources of the North B.S.(Geol.)
Half of the Rockland Quadrangle (note: in
Power County, Idaho)
- NEFF, G. ELDON (BM) The Geology of the Eagle Creek Area, Elmore B.S.(Geol.E.)
County, Idaho
- PAGE, TREVOR W. (BM) Ore Deposits of the Highland Bell Mine B.S.(Geol.E.)
Beaverdell, B. C.
- WAGNER, WARREN R.T. (BM) The Geology and Ore Deposits of the Rocky M.S.(Geol.)
(UI) Bar District, Idaho

1940

- ALLEN, RHESA M. (BM) Geology and Ore Deposits of the Volcano M.S.(Geol.)
(UI) District, Elmore County, Idaho
- BOWER, GUY J. (BM) Origin of the Basalt Clays near Troy, M.S.(Geol.)
(UI) Idaho
- SCHEID, VERNON E. (BM) Clay Resources of Latah County, Idaho M.S.(Geol.E.)
(UI)
- UPSON, R. H. (BM) Geologic Significance of the Latah Flora of M.S.(Geol.)
(UI) Northern Nez Perce County, Idaho

1941

- THUNE, HOWARD W. (BM) Mineralogy of the Ore Deposits of the M.S.(Geol.)
(UI) Western Portion of the Little Eightmile
Mining District Lemhi County, Idaho

1947

- HOLLAND, JOHN S. (BM) Petrography and Petrology of the Igneous Rocks M.S.(Geol.)
(UI) of the Avery District, Shoshone County, Idaho
- POWERS, HAROLD A. (BM) Diatomite Deposits of Southwestern Idaho M.S.(Geol.)
(UI)

1948

- SMEDLEY, JACK E. (BM) The Stratigraphy of Part of the Lemhi M.S.(Geol.)
(UI) Mountains, Idaho

GEOLOGY (cont.)

1949

MACKENZIE, WAYNE O. (UI) Geology and Ore Deposits of a Section of the M.S.(Geol.)
Beaverhead Range East of Salmon, Idaho

1950

BUHN, WILLIAM K. (BM) The Geology and Ore Deposit of the Rianda M.S.(Geol.)
(UI) Mine, Santa Clara County, California

HAWLEY, ROBERT W. (BM) Phosphoria Conodonts from Southeastern M.S.(Geol.)
(UI) Idaho

MILNER, CARLOS E.JR. (BM) Geology and Ore Deposits of the Princess Blue M.S.(Geol.)
(UI) Ribbon Mine, Camas County, Idaho

NIELSEN, MERRILL L. (BM) Mississippian Cephalopods from Western Utah M.S.(Geol.)
(UI)

STINSON, MELVIN C. (BM) Mineralogy of the Heavy Minerals from Some M.S.(Geol.)
(UI) Placers of Central Idaho

1951

BITTEN, BERNARD I. (BM) Age of the Potato Hill Volcanic Rocks near M.S.(Geol.)
(UI) Deary, Latah County, Idaho

BULLA, EDWARD W. (BM) A Mineragraphic Study of Ore From the M.S.(Geol.)
(UI) Tamarack Mine, Burke, Idaho

CARLSON, JOHN E. (BM) A Lithologic Study of some Medium-Grained M.S.(Geol.)
(UI) Upper Cretaceous Sedimentary Rocks of
Southeastern Idaho

1952

ALBERTS, ROBERT K. (BM) Geology of the Truman Group of Mineral M.S.(Geol.)
(UI) Claims Salmo Area, British Columbia

1953

MELEAR, JOHN D. (BM) The Petrology and Ore Deposits of the Seafoam M.S.(Geol.)
(UI) Mining District, Custer County, Idaho

TREVES, SAMUEL B. (BM) General Geology of the Seafoam Mining M.S.(Geol.E)
(UI) District

GEOLOGY (cont.)

1954

- KINNISON, PHILIP T. (BM) A Survey of the Ground Water of the State of Idaho M.S.(Geol.)
(UI)
- MCDONALD, J. V. (BM) Glaciation of the Seven Devils Mountains as an Example of Pleistocene Glaciation in Central Idaho M.S.(Geol.)
(UI)
- STURM, FRED H. (BM) General Geology of Some Replacement Monazite Deposits in Lemhi County, Idaho M.S.(Geol.)
(UI)

1955

- FULL, ROY P. (BM) Structural Relations North of the Osburn Fault ~~Geol.~~ Geol.E., Coeur d'Alene District, Shoshone County, Idaho
(UI)
- JEMMETT, JOE PAUL (BM) Geology of Some of the Phosphate Deposits in the Centennial Mountains of Idaho and Montana M.S.(Geol.)
(UI)
- LEE, HEUNGWON (BM) Tungsten Mineralization at the Wildhorse Mine, Custer County, Idaho M.S.(Geol.E.)
(UI)
- SCHIPPER, WARREN B. (BM) The Tendoy Copper Queen Mine M.S.(Geol.E.)
(UI)

1956

- CARMICHAEL, VIRGIL W (UI) The Relationship of the "Soils" of the Palouse to the Columbia River Basalt M.S.(Geol.E.)

1957

- LELAND, GEORGE R. (BM) General Geology and Mineralization of the Mackay Stock Area M.S.(Geol.E.)
- MARTIN, ROGER C. (BM) Vertical Variations Within Some Eastern Nevada Ignimbrites M.S.(Geol.)
- RINGE, LOUIS D. (BM) Stratigraphy of the Triassic System in the Monkman Lake Area, British Columbia M.S.(Geol.)
- SIDLER, AUBREY GENE (BM) The Origin of Heavy Minerals in the Boise Basin, Idaho M.S.(Geol.)
- SWEENEY, GERALD T. (BM) Geology of Copper Basin, Custer County, Idaho M.S.(Geol.)

GEOLOGY (cont.)

1958

- BEEDEER, John Ralph (BM) The Bedrock Geology and Placer M.S.(Geol.)
(UI) Deposits of the Dixie District,
Idaho County, Idaho.
- HOLMES, David A. (BM) Cambrian-Ordovician Stratigraphic of the Northern
(UI) Portneuf River M.S.(Geol.)

1959

- HOLLENBAUGH, Kenneth M. (BM) Geology of the Lewiston Area M.S.(Geol.)
(UI) Nez Perce County, Idaho
- KERN, Billy Francis (BM) Geology of the Uranium Deposits near Stanley, Custer
(UI) County, Idaho M.S.(Geol.)
- KOPP, Richard S. (BM) Petrology and Structural Analysis of the Orofino Metamorphic Unit M.S.(Geol.)
(UI)
- LEMOINE, Denis (BM) Thorite Deposits and General M.S.(Geol.)
(UI) Geology of the Hall Mountain Area, Boundary County, Idaho
- NALWALK, Andrew J. (BM) Geology of a Portion of South- M.S.(Geol.)
(UI) ern Portneuf Range, Idaho
- SCHWARZE, David M. (BM) Geology of the Lava Hot M.S.(Geol.)
(UI) Springs Area, Idaho
- STOREY, Lester O. (BM) Geology of a Portion of M.S.(Geol.)
(UI) Bannock County, Idaho

METALLURGY

<u>1918</u>		<u>Title</u>	<u>Degree</u>
PARMELEE, J. G.	(BM) (UI)	Differential Flotation of Lead-Zinc Ores	M.S. (Met.)
<u>1920</u>			
ELDER, ROBERT B.	(BM) (UI)	Treatment of Lincoln Mine Ore	M.S. (Met.)
PIPER, A. M.	(BM) (UI)	Metallurgical Problems Involved in the Treatment of a Refractory Gold-Silver Ore from the Demming Mine at Demming, Owyhee County, Idaho	M.S. (Met.)
<u>1921</u>			
SHANFIELD, S. N.	(BM) (UI)	A Metallurgical Investigation of the Armstead Company Ore	M.S. (Met.)
<u>1922</u>			
HORNING, W. KEITH	(BM)	An Investigation of the Nitric Acid Process for the Manufacture of White Lead and Other Lead Products	B.S. (Met.)
JOURDAN, RALPH L.	(BM)	Peptization and Flocculation and Their Relation to Flotation	M.S. (Met.)
KNUDSON, A. HOWARD	(BM)	The Air Compression System of the Bunker Hill and Sullivan Mine	B.S. (Met.)
ZANGER, EUGENE	(BM)	Selective Adsorption by Minerals	M.S. (Met.)
<u>1923</u>			
WESTOVER, RICHARD M.	(BM) (UI)	Hydrogen Ion Concentrations and Their Effect on Flotation	M.S. (Met.)
<u>1924</u>			
LARSEN, GEORGE V.	(BM)	Experiments with Snake River Flour Gold	B.S. (Met.)
SANDBACK, JOHN E.	(BM) (UI)	Investigation of Metallurgical Treatment of the Dry Gold-Silver Ore from the Golden Age Mine, Pioneerville, Idaho	M.S. (Met.)

METALLURGY (cont.)

1924

SHENON, PHILIP JOHN (BM) A Metallurgical Study of the Bay Horse Mine M.S.(Met.)
(UI) Ore with Notes on the Geology (note: near Huntington, Oregon)

SMOLAK, GEORGE (BM) An Investigation of the Metallurgical Treatment of a Low Grade Silver Ore From the Mineral Mine at Mineral, Idaho M.S.(Met.)
(UI)

1925

BAGDASARIAN, A. B. (BM) A New Process of Treating Complex Sulfide Ores M.S.(Met.)
(UI)

BULLOCK, J. DAVIS (BM) A Resume of Cyanide Practice from 1915 to 1925 B.S.(Met.)

ELLIS, ERNEST W. (BM) Results of Concentrating Classifier Feed, Screen-Sized Feed, and Natural Feed on a Table of the Wilfley Type M.S.(Met.)
(UI)

LOKKEN, J. CARL (BM) I. A Metallurgical Investigation of the Ore of the Ramshorn Mine, Custer County, Idaho M.S.(Met.)
(UI)

II. A Study of Classification and Gravity Concentration as Applied to the Pecos Ore (note: from New Mexico)

1926

FARMIN, ROLLIN (BM) An Experimental Study of Stratification in Ore Dressing M.S.(Met.)
(UI)

JOYCE, EDWIN (BM) A Metallurgical Investigation of Ore From the North Star Mine, Blaine County, Idaho M.S.(Met.)
(UI)

MILLER, T. H. (BM) The Effect of Classification During Grinding Upon Grinding Efficiency and Subsequent Concentration M.S.(Met.)
(UI)

1927

LEWIS, GWILYM H. (BM) Studies in Hindered Settling M.S.(Met.)
(UI)

SWIFT, ROBERT G. (BM) An Experimental Study of Stratification in Ore Dressing M.S.(Met.)

METALLURGY (cont.)

1928

- BITNER, WILLIAM (BM) The Dissolutions of PbO, PbSO₄, and Bunker Hill Calcines in Caustic Soda Solution B.S.(Met.)
- MECKEL, WALTER F. (BM) Relation of Table Feed Preparation to Table Efficiency M.S.(Met.)
- (UI)
- RICE, TED A. (BM) Ore Dressing as Applied to Pegmatitic Tin Ores from Silver Hill B.S.(Met.)
- SMALL, CHARLES E. (BM) Experiments on Cyanidation of a Seleniferous Ore B.S.(Met.)
- STOCKDALE, STEPHEN W(BM) The Effect of Sieve Motion Upon Screening Efficiency M.S.(Met.)
- (UI)

1929

- LANGE, LAWRENCE H. (BM) The Electrolytic Deposition of Lead from Galena B.S.(Met.)
- LEE, H. E. (BM) Ball Mill Studies B.S.(Met.)
- MCKINLEY, HAROLD L. (BM) The Relation of Crusher Capacity and Character of Crushed Product to Angle of Jaws and Their Speed of Operation B.S.(Met.)
- MILLER, E. C. (BM) Relation of Classifier Efficiency to Grinding Efficiency M.S.(Met.)
- STALEY, WILLIAM W. (BM) The Power Consumed by Rotating Discs and Other Shaped Objects in Fluid Mediums M.S.(Met.)
- (UI)
- THACKWELL, F. E. (BM) Flotation Applied to a Gold-bearing Ore from Spring Hill Mine, Montana B.S.(Met.)

1930

- ABELE, LOUIS THOMAS (BM) The Relation of Pulp Density to Flotation Efficiency M.S.(Met.)
- (UI)
- DICE, CARL M. (BM) Energy Required for Crushing B.S.(Met.)
- KROLL, ALVIN FRED (BM) A Study of the Fahrenwald Elutriator B.S.(Met.)

METALLURGY (cont.)

1930

LEE, HAROLD EUGENE (BM) Ball Mill Studies M.S.(Met.)
(UI)

1931

ALBERTSON, FLOYD E. (BM) The Effect of Colloids on Flotation in M.S.(Met.)
(UI) Relation to pH Values

LEATON, WILLIAM D. (BM) The Fahrenwald Crusher B.S.(Met.)

NEWTON, JOSEPH (BM) The Effect of Reagents on Sedimentation M.S.(Met.)
(UI) Rate of Various Finely Pulverized Minerals

1932

POOLE, H. GORDON (BM) Fentonization and Flocculation as Related to M.S.(Met.)
(UI) the Sedimentation and Flotation of Ore Minerals

RECK, WILLIAM H. (BM) Fine Grinding and Classification M.S.(Met.)
(UI)

1933

CRANDALL, JOHN S. The Fahrenwald Ball Mill-Classifier Unit B.S.(Met.)

EMIGH, GEORGE D. (BM) A Mineralogical and Metallurgical Investigation M.S.(Met.)
(UI) of Ore from the Center Star Mine, Idaho

RARING, ROBERT H. (BM) Properties of the Sphalerite-Water Suspensions, Reactions and Effects of Reagents M.S.(Met.)
(UI)

ZEUCH, CLARENCE F. (BM) The Relation of Pulp Volume to Mill Capacity M.S.(Met.)
(UI)

1934

UTT, RALPH B. (BM) Metallurgical Investigation of the Ore from B.S.(Met.)
the Four Square Mine

1935

DANIELSON, FRITZ W. (BM) Flotation Studies on the Crescent Ore B.S.(Met.)
& HAYES EARL T.

LARSEN, DARRELL R. (BM) Flotation Studies of the First Thought Ore B.S.(Met.E.)
& QUINSTROM, ROY J.

METALLURGY (cont.)

1936

- HAYES, EARL T. (BM) Studies in Rolls Crushing M.S.(Met.E.)
(UI)
- INGVOLDSTAD, DONALD (BM) The Stability of Mineral Suspensions as M.S.(Met.E.)
(UI) Related to Flotation
- LANG, ROBERT & (BM) The Hydrometallurgy of Zinc B.S.(Met.E.)
COURTNEY, R. G. &
SATHER, NORMAN J.
- MCMANUS, PATRICK L. (BM) The Effect of Pulp Dilution on Flotation of M.S.(Met.E.)
(UI) Gold-Silver Ores

1937

- BLACKMAN, JOHN (BM) The Effect of "The Depth of the Crushing Bed" B.S.(Met.E.)
Upon the Product Obtained
- HERKENHOFF, EARL C. (BM) Effects of Velocity of Hit and Energy of Hit M.S.(Met.E.)
(UI) on Crushing
- IPSEN, ARTHUR O. (BM) The Pulp Dilution Factor in the Flotation of M.S.(Met.E.)
(UI) Some Base Metal Ores
- OBERBILLIG, ERNEST E(BM) Statistical Microscopic Analysis of the B.S.(Met.E.)
Tailings from the Cyprus Copper Corporation's
Flotation Concentrator
- SHISSLER, F. B. (BM) Fine Grinding in a Gyratory Type Crusher M.S.(Met.E.)
(UI)
- WALTERS, E. MAURICE (BM) The Stability of Sphalerite Suspension as M.S.(Met.E.)
(UI) Related to Flotation

1938

- COURTNEY, RICHARD G.(BM) The Effect of Various Oxygen Pressures on the M.S.(Met.E.)
(UI) Rate of Dissolution of Gold in Cyanide Solutions
- LEATHAM, EARL G. (BM) Part I. The Effect of a Suddenly Applied Shock M.S.(Met.E.)
(UI) Load on an Object Under Static Compressive Stress
Part II. Flotation Studies of a Complex Lead-Zinc-Tungsten Ore

METALLURGY (cont.)

1938

MAGUIRE, JAMES HUGH	(BM)	Effect of the Source of Alkali in the	M.S.(Met.E.)
	(UI)	Cyanidation of Gold Ores	
NOE, FRANK ELMER	(BM)	Beneficiation of a Nonmetallic Mineral	M.S.(Met.E.)
	(UI)		
OBERBILLIG, ERNEST	(BM)	Sedimentation and Flotation Studies of	M.S.(Met.E.)
	(UI)	Chalcopyrite in Solutions of Various Reagents and Hydrogen-ion Concentrations	
OLSON, PETER E. &	(BM)	Investigations in Graphical Analysis	B.S.(Met.E.)
MARCH, HOMER P.			

1939

BRYANT, B. LAVERL	(BM)	Concentration of Latah County Beryl	M.S.(Met.E.)
	(UI)		
CARPENTER, ROBERT D.	(BM)	Flowsheets	B.S.(Met.E.)
COATES, KENNETH	(BM)	Tests to Determine the Operation Characteristics of a Laboratory Jig	B.S.(Met.E.)
COOKE, J. PHILIP	(BM)	A Study of Flotation Recovery of Silver from	M.S.(Met.E.)
	(UI)	Ore in Sub-Sieve Sizes	
KIRKPATRICK, KENNETH	(BM)	The Electrophoretic Separation of Clays	M.S.(Met.E.)
	(UI)		
PENNINGTON, JAMES W.	(BM)	Milling Formulas	B.S.(Met.E.)
PIMENTEL, JOSEPH E.	(BM)	The Effect of Mineral Particle Size on the	M.S.(Met.E.)
	(UI)	Abstraction of Potassium Ethyl Xanthate from Solution	
SHAFFER, LYMAN H.	(BM)	A Study of the Metallurgy of Mercury Ores	M.S.(Met.E.)
	(UI)		
SHAFFER, ROBERT E.	(BM)	A Metallurgical Study of Fine Gold in	M.S.(Met.E.)
	(UI)	Placer Sand	

METALLURGY (cont.)

1940

- PENNINGTON, JAMES W (BM) Effect of Surface Active Agents in the M.S.(Met.E.)
(UI) Cyanidation of Gold Ores
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