

Welsh Mines Society

A. Golding,
Hon. Treasurer/Membership Sec.,
46 Poplar Road,
HEALING,
South Humberstone.
DN37 7RD

20th. AUGUST 1982

- 1) At last the members Address/Interests List - any amendments/additions please let me know
- 2) REMINDER - Next field meeting at FRONGOCH near Devil's Bridge [Grid Ref 719743] at 12 noon on the 12th September.
- 3) Available through me a short article by one of our members, Capt. L.A.S. Cooper on the Cwm Maengwynedd Slate Mines.
PLEASE ENCLOSE S.A.E
- 4) Available through R.T. Clough, ARIBA, F.S.A (Scot) a series of early mining facsimiles and publications.
Details "Stoneleigh", Utley, Keighly, West Yorkshire, BN20 6HN.
- 5) Apologies to members who have experienced a delay in a reply to their letters.
- 6) Watch out for "Old Coppermines of Snowdonia" by D.B.

A. Golding

CARDIGANSTRAE. FRONGOCH MINES, near ABERYSTWYTH.

To Electrical Engineers, Mine and Colliery Owners, Mining Engineers, General Electricity Users, Contractors, Iron and Machinery Merchants, and Others.

... CATALOGUE ...

OF THE VERY VALUABLE

Electrical & General Mining Plant

(Erected quite recently at a cost of about £58,000.)

Comprising a complete Three-phase Alternating Electrical Power Transmission Plant, by the Allgemeine Electricitäts Gesellschaft, Berlin, consisting of: Three-phase Alternator, which, when taking 400 h.p. at 350 revs., gives 277 kilowatts at 2,300 volts, with 93.3-2 periods. Belt-driven Exciter. Two 50-h.p. Motors, with liquid starting resistances. One 75-h.p. Motor, with liquid starting resistance. One 30-h.p. Motor, with starting switch and resistances. One Transformer, 2,000-200 volts, 80 kilowatts capacity. One 80-h.p. Motor, with starting switch and resistances. Three Transformers. Copper Conductors (about 7,000 yards, 50 and 25 sq.-m.m. sections). Telephones. Three Gardner Electric Drills. Fifteen Arc Lamps. NEW DRESSING MILL BUILDINGS of Galvanised Corrugated Iron, with timber uprights. Galvanised Corrugated Iron Buildings. 400 h.p. Babcock and Wilcox Water-tube Boiler. New Lancashire Boiler, 36ft. by 7ft. diameter, 80lb. pressure. 360-h.p. Willans' Compound Engine. 400-h.p. Felton Water Wheel, by Escher Wyss, Zurich. One 125-h.p. Winding Engine. One 40-h.p. ditto, by G. Plinette, Chalons-sur-Saone. Dressing Machinery Four Stonebreakers. 16in. by 9in. and 10in. by 5in.; Five Crushers, by Krom and others; Sixteen Classifying Trommels, Sixteen Five-compartment Jiggers, Eight four-compartment ditto, Three Spitzkasten, Eight Vanners, Three Buddles. One Knowles Three-throw Pump (Frank Fearn & Co.), to lift 350 gals. per minute. 54ft. high (driven by the 75-h.p. Electric Motor). Twelve Water Wheels, from 7ft. to 55ft. diameter. Steel W.I., and C.I. Pipes, from 8in. to 42in. diameter; about 100 Steel Tubs. Iron pithead frame, 60ft. high, by Fraser and Chalmers. An immense quantity of Rails, Shafting, Pulleys, Electric Fittings and Stores. 14-h.p. and 12-h.p. Portable Engines. Two Lancashire Boilers, 36ft. by 7ft. diameter. Cornish Pumping Engine, cylinder 5ft. diameter by 11ft. stroke. Ten-ton Overhead Traveller, 22ft. 6in. span. Six-ton and Two-ton Weighbridges, &c.

TO BE SOLD BY AUCTION
BY

MR. GEO. N. DIXON

ABSOLUTELY WITHOUT RESERVE

ON

MONDAY, April 11th, TUESDAY, April 12th, WEDNESDAY, April 13th,

THURSDAY, April 14th, and FRIDAY, April 15th, 1904,

AT THE

FRONGOCH MINES, NEAR ABERYSTWYTH,

The Plant will be on View any day after March 31st.

The Electrical Plant may be seen running by appointment.

For further particulars, &c., apply to the Auctioneer, 89, Hanover Street, Liverpool.

GENERAL LIVERPOOL.