# Alten Copper Works

## HORIZONTAL and *Transverse Sections* of the OLD MINE

Surveyed and Mapped by C. Trelease.

Carrs Deep Adit, began July 1859, and Holed to Shaft No 1, October 8th 1860.

The Railroad level

Smelting and Roasting house

Smithy

Office

Adit level

Sink

Stope

The Middle Sink Workings

Old South west Workings

Middle

Back

The Shallow Lode

Cross Cut

Bergmesters Workings

Nettem and Kielhaus Workings

Line of Transverse Section

Crosscut to the West lode

The 10 fathom level

The 15 fathom level

The 20 fm Stope

Shaft No 3

Shaft No 2

The South workings

The ten fathom roof stopes

10 fathom roof Stopes

Santos East

Shaft No 4

The 10 fathom roof Stopes

The 5 fathom level

The 5 fathom side and foot Stopes

Stope

The 5 fathom Stope

Patent Shaft

No 1 Workings

10 fathom Stopes

Side

Bergmesters Workings

Roof Stopes

Roof

Cross Cut

The Eastern Workings

The Shallow Lode

Roof Stopes

Transverse Section No 1

Greenstone

Clay slate

Green stone

The West Lode

The great Slide

The Middle Sink Workings

Cut

Cross Cut

Adit level

Stope

Sink

Shaft No 4

Shaft No 3

Shaft No 2

Shaft No 1

B

A

No 2

Clay slate

Green stone

The West Lode

The great Slide

Shallow Workings

Adit

Stope

Sink

Level of Carrs Deep Adit

D

C

0 5 10 15 20 25 30 40 Fathoms (English)

No 3

Clay slate

Green stone

The West Lode

The great Slide

Adit

Cut to the West Lode

Stope

Sink

F

E

Altens Rolling Mill, August 24th 1872

12628