

**FIFTH ANNUAL
FRANKLIN-STERLING
MINERAL EXHIBIT**



**Presented by the
FRANKLIN KIWANIS CLUB
Franklin, N. J.**

SEPTEMBER 30 - OCTOBER 1, 1961

Franklin Unique in Variety of Ores

The Town of Franklin's history is based mainly on the unique ore deposits which occur in this area. The only other locality in the mineral world, comparable to Franklin, is an area in Sweden.

Franklin has gained world-wide fame in respect to the large number of minerals that are to be found here. There are in excess of 191 different mineral specimens that have been identified; of these 28 are to be found nowhere else in the world.

The Franklin ore deposits were first discovered in the middle 1600's. These deposits continued to baffle the mining experts for the next two centuries because they were unlike any other known mineral deposit in the world. Its principle metals are zinc, manganese and iron. All three are present as a complex oxide in the mineral known as Franklinite (named in honor of Benjamin Franklin). Zinc is also here as a silicate, known as Willimite (so named in honor of William, King of England), and as an oxide known as Zincite. Some veins contain all three of these minerals in a complex mixture while other veins consist of the three minerals in almost their pure form. The ore body is also quite unique in that it is relatively free from other heavy metals such as lead, cadmium and copper which are usually found in zinc ore deposits.

All attempts to get the Franklin orebody to yield its zinc were unsuccessful and it was not until 1852 that the first satisfactory method of smelting the ores was developed. Since that time, more modern methods of mining and milling have increased to the point where zinc and zinc products are used in almost every phase of modern manufacturing.

Franklin has in recent years become the mecca of the beginner and advanced rock collectors as well as mineralogist. The professional geologist also has a definite interest, in the diversification of minerals to be found in Franklin. Perhaps, one of the main factors of the popularity of Franklin with these rock-collectors is the fact that so many of these minerals are found on the surface of the ground, thus making it a simple matter for the collector to gather his specimens.

For the convenience of the rock collector a list of the minerals to be found in Franklin and a map locating points of interest have been compiled to add to the interest of all those visiting Franklin in search of additions for your collections.

HERZENBERG'S DRUG STORE

91 MAIN STREET

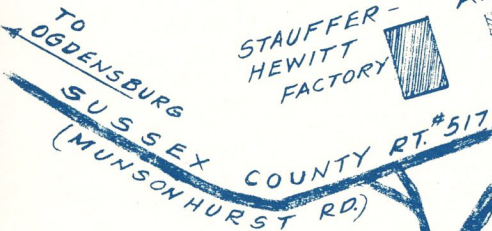
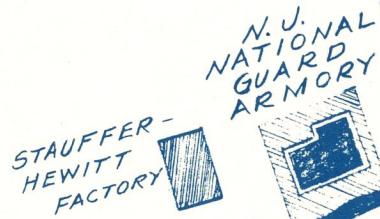
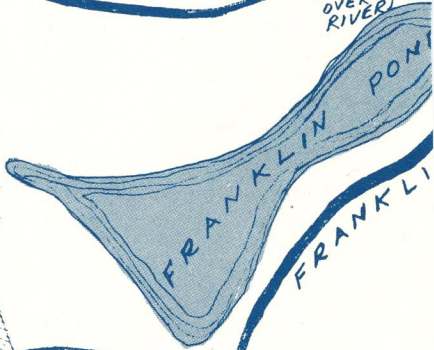
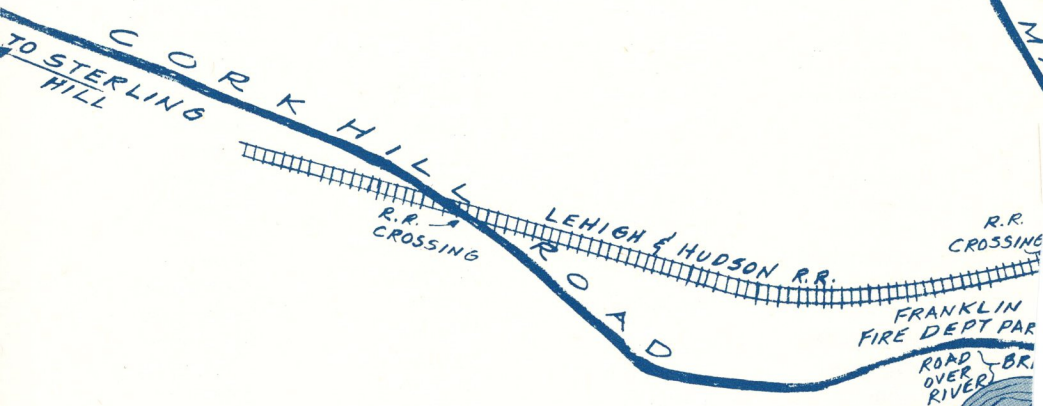
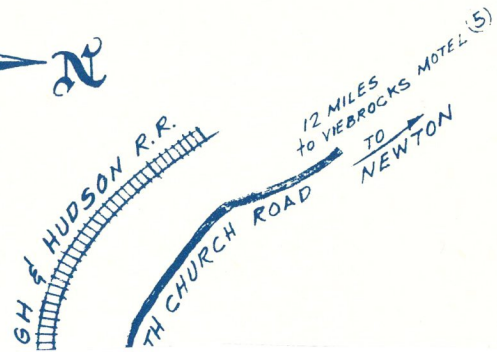
FRANKLIN, N. J.

SERVING FRANKLIN FOR 53 YEARS

For Location — See No. 1 on Map

Minerals Of The Franklin-Sterling Area

Agurite	Chlorophoenicite	Hydrohetaerolite	Quartz
Albite	Magnesium Chl.	Hydrozincite	Rammelsbergite
Allactite	Chondrochite	Ilemite	Realgar
Allanite	Clinohedrite F	Kentrolite	Rhodochrosite
Amphibole	Copper	Kutnahorite	Rhodonite
Actinolite	Corundum	Larsenite	Fowlerite
Crocidolite	Cuprite	Lead	Roebelingite
Cummingtonite	Cuspidine	Leucophoenicite	Roepperite
Edenite	Datolite	Limonite	Roweite
Hastingsite	Desaulesite	Lollingite	Rutile
Hornblende	Descloizite	Loseyite	Sarkinite
Pargasite	Dolomite	Magnetite	Scapolite
Tremolite	Epidote	Malachite	Schallerite
Anglesite	Ferro Shallerite	Manganite	Serpentine
Anhydrite	Fluorborite	Manganosite	Siderite
Anorthite	Fluorite	Manganpyrosomalite	Silver
Anorthoclase	Franklinite	Marcasite	Skutterudite
Anthophyllite	Friedelite	Margarosanite	Smithsonite
Apatite	Gageite	Mariposite	Sphalerite
Apophyllite	Gageite F	McGovernite	Cleiothane
Aragonite	Gahnite	Microcline	Spinel
Arsenic	Galena	Millerite	Stilbite
Arseniosiderite	Ganophyllite	Molybdenite	Sussexite
Arsenopyrite	Garnet	Mooreites	Svabite
Aurichalcite	Almandite	Muscovite	Talc
Axinite, Manganoxinite	Andradite	Oellacherite	Tennantite
Barite	Androsularite	Nasonite	Tephroite
Barylite	Gersdorffite	Neotocite	Thomsonite,
Barysilite	Glaucochroite F	Nicolite	Calcio
Bementite	Goethite	Norbergite	Titanite
Biotite, Manganophyllite	Gold	Oligocase	Torreyites
Bornite	Graphite	Pararammelsbergite	Tourmaline
Brucite	Greenockite	Pectolite	Dravite
Bustamite	Gypsum	Phlogopite	Schorl
Cahnite	Halloysite	Prehnite	Vesuvianite
Calamine	Hancockite	Psilomelane	Beryllium
Calcite	Hardystonite	Pyrite	Cypyrine
Calcium, Larsenite	Hedyphane	Pyrochroite	Willemite
Celestite	Hematite	Pyroxene	Wollastonite
Cerusite	Heulandite	Diopside	Woodruffite
Chalcocite	Hodgkinsonite F	Jeffersonite	Xonotlite
Chalcophanite	Holdenite	Schefferite	Yeatmanite
Chalcopyrite	Hortonolite	Pyrrhotite	Zincite
Chleanthite	Hyalophane		Zircon
Chlorite	Hydrohansmannite		Zoisite



MINERALS FOUND NOWHERE EXCEPT AT FRANKLIN OR STERLING

Cahnite	F	Holdenite	F
Calcium-larsenite	F	Jeffersonite	F, S
Chalcophanite	S	Larsenite	F
Chlorophoenicite	F	Leucophoenicite	F
Clinohedrite	F	Loseyite	F
Desaulesite	F	Magnesium-Chlorophoenicite	F, S
Ferroschallerite	F	McGovernite	S
Franklinite	F, S	Mooreite	S
Gageite	F	Roebingite	F
Glaucochroite	F	Roepperite	S
Hancockite	F	Roweite	F
Hardystonite	F	Schallerite	F
Hetaerolite	F	Sussexite	F
Hodakinsonite	F	Torreyite	S

The Governor Haines

BUILT 1800

Specializing in Lobster — Boneless Duckling — Sauerbraten
— COCKTAIL LOUNGE —

ROUTE 23

HAMBURG, N. J.

For Location — See No. 3 on Map

FRANKLIN KIWANIS CLUB MINERAL EXHIBIT

Since the exhaustion of the historic ore body at Franklin and the closing of the world-famous New Jersey Zinc Company mine, mineral collectors have become interested in the rare mineral specimens of the Franklin area. Because it is apparent that these specimens will not be available to collectors for many more years, great interest has arisen in obtaining specimens before it is too late, and in preserving the historic minerals of the area.

In order to make this possible, the Franklin Kiwanis Club has established its annual Mineral Exhibit and model replica mine and is actively engaged in a project to establish a permanent mineral museum at Franklin. The annual exhibit makes it possible to assemble specimens of the collections of local collectors in one place and the model replica mine preserves a sample of the working spaces typical of the Franklin mine. Thousands of interested persons have already viewed these exhibits and interest in them continue to increase each year.

The building permanently housing the model mine has been improved each year so that it now represents an authentic duplicate of a typical working space in the abandoned mine. Most of the hundreds of unique minerals found at Franklin are represented in the collections made available through the mineral exhibit. Of additional interest is our display of fluorescent minerals with their brilliant and unusual coloring under ultra violet light.

Of a special interest to collectors is the opportunity to search for mineral specimens in the mineral dump. This dump provides the only source which will ever be available for finding these mineral specimens, many of which have been found nowhere but in Franklin.

It is the hope of the Franklin Kiwanis Club that the funds raised from these exhibits will make possible the establishment of a permanent mineral museum which will perpetuate the minerology of the Franklin area in a proper locale. Each year the exhibit and museum facilities will be enlarged and, as interest continues, it is expected that a fine permanent museum will be created at Franklin.

SEE CHICK AND MARY AT THE
VILLAGE INN

ROUTE 23

FRANKLIN, N. J.

Welcome ROCK HOUNDS!

For Location — See No. 4 on Map

*Vielbrock's
Motel*

Route 26 South of Newton

ONLY 15 MINUTES FROM
MINERAL EXHIBIT

Cheery, Comfortable Rooms
Air Conditioned — TV
Room Phones — Lounge
Continental Breakfast

WELCOME ROCK HOUNDS

Make your reservations early.

Write, wire or Phone
DUpont 3-9081

**FRANKLIN
SWEET SHOPPE**

A REFRESHING STOP

. . . ANY TIME

Main St. Franklin, N. J.

For Location—See No. 5 on Map

**JACOBSON'S
FOOD & LIQUOR STORE**

6 Mobie Street

Franklin, N. J.

**"THE CONVENIENT
LITTLE STORE"**

For Location—See No. 7 on Map

**THE FRANKLIN
KIWANIS CLUB**

wants to express its appreciation to the exhibitors, dealers and friends whose continued help, co-operation and interest made this exhibit possible.

It is our hope that we will continue to merit your efforts for future exhibits.

We urge you to patronize the advertisers who made this booklet possible.