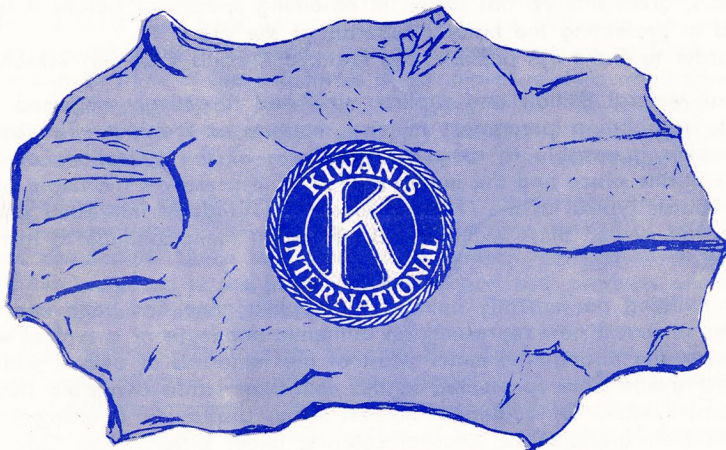


J.L. Baum

**SIXTH ANNUAL
FRANKLIN-STERLING
MINERAL EXHIBIT**

25c



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

OCTOBER 13-14, 1962

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 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 replica 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 collection 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

Franklin Unique in Variety of Ores

The Boro 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 215 different mineral specimens that have been identified; of these 26 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

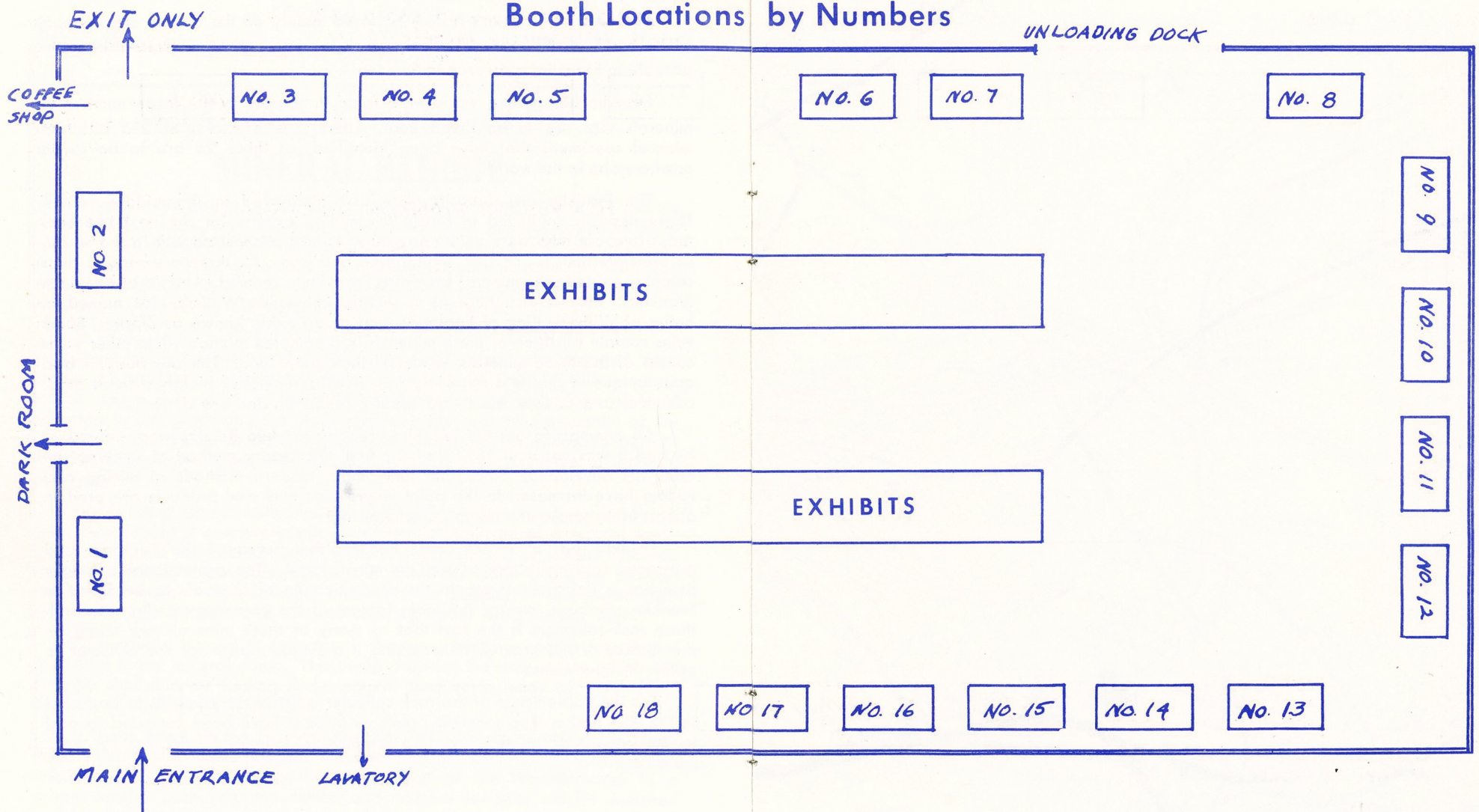
91 MAIN STREET

FRANKLIN, N. J.

SERVING FRANKLIN FOR 53 YEARS

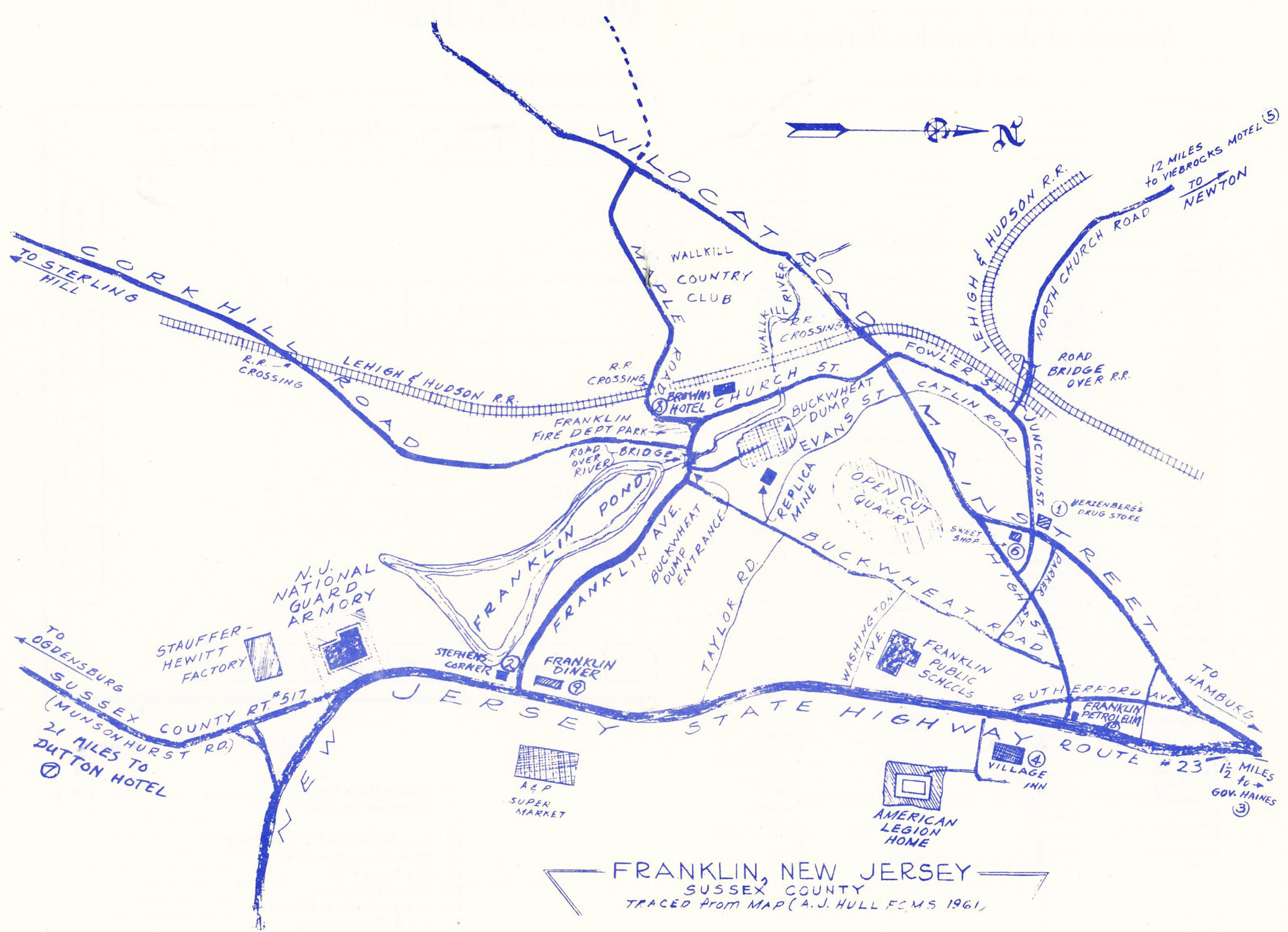
For Location — See No. 1 on Map

FRANKLIN ARMORY — MAIN FLOOR AREA



1. Highlights — Minerals of Mexico
2. Lawrence Conklin
3. Gilman's Mineral & Lapidary Supply
4. Conley's Rock & Gem Shop
5. John S. Albanese
Darkroom — Ray Tek Equipment Co. — Fluorescent House
6. Specialty Minerals
7. World Wide Minerals
8. Russ DeRoo

9. Riviera Rock Shop
10. Irvington Lapidary
- 11.
12. Boardwalk Rock & Shell Shop
13. McMullen's Minerals
14. The Silver Pick
15. Mineral Museum
16. Intercontinental Minerals
17. A & B Mineral Shop
18. Sy Schweitzer



FRANKLIN, NEW JERSEY

SUSSEX COUNTY

TRACED FROM MAP (A. J. HULL F.C.M.S. 1961)

Minerals of the Franklin-Sterling Area

Edited by John Baum

Albite	Cuspidine	Kutnahorite	Rock Crystal
Allactite	Datolite	Kyanite	Rose
Allanite	Botryolite	*Larsenite	Smoky
Amphibole	Descloizite	Lead	Rammelsbergite
Actinolite	Dolomite	*Leucophoenicite	Realgar
Cummingtonite	Epidote	Limonite	Rhodochrosite
Edenite	Epsomite	Loellingite	Rhodonite
Hornblende	Erythrite	*Loseyite	Riebeckite
Pargasite	Etringite	*Mg.Cl.phoenicite	*Roebingite
Tremolite	Fluoborite	Magnetite	Roepperite
Analcite	Fluorite	Magnusonite	*Roweite
Anglesite	Forsterite	Malachite	Rutile
Anhydrite	*Franklinite	Manganberzelite	Sarkinite
Anorthite	Friedelite	Manganite	Sauconite
Anorthoclase	*Gageite	Manganosite	Scapolite
Anthophyllite	Gahnite	Marcasite	*Schallerite
Apatite	Galena	Margarosanite	Serpentine
Apophyllite	Ganophyllite	*McGovernite	Antigorite
Aragonite	Garnet	Microcline	Chrysolite
Arsenic	Andradite	Millerite	Yorkauserite
Arsonolite	Grossularite	Molybdenite	Siderite
Arsenopyrite	Spessartite	*Mooreite	Siderotil
Aurichalite	Gesdorffite	Muscovite	Sillimanite
Axinite	*Glaucocroite	Barian	Silver
Azurite	Goethite	Hydromuscovite	Skutterudite
Barite	Gold	Pinite	Smithsonite
Barylite	Graphite	Nasonite	Sphalerite
Barysilite	Greenockite	Natrolite	Sphene
Bementite	Gypsum	Nicolite	Spinel
Biotite	Halloysite	Norbergite	Stilbite
Manganophyllite	*Hancockite	Oligoclase	Stilpnomelane
Birnessite	*Hardystonite	Orpiment	*Sussexite
Bornite	Hastingsite	Orthoclase	Svabite
Brandite	Hausmannite	Parammelsbergite	Talc
Brookite	Hedyphane	Pectolite	Tennantite
Brucite	Hematite	Phlogopite	Tephroite
Bustamite	Hemimorphite	Powellite	Thomsonite
*Cahnite	*Hetaerolite	Prehnite	Thorite
Calcite	Heulandite	Pyrite	Todorokite
*Calcium-larsenite	Hexahydrate	Pyrochroite	*Torreyite
Celestite	*Hodgkinsonite	Pyrolusite	Tourmaline
Cerussite	*Holdenite	Pyrophyllite	Dravite
Chabazite	Hortonolite	Pyrosmalite	Schorl
Chalcocite	Humite	Pyroxene	Wad
*Chalcophanite	Hyalophane	Augite	Water
Chalcopyrite	Hydrohausmannite	Diopside	Willemite
Chlorite	Hydrohetaerolite	Hedenbergite	Wollastonite
Chloropal	Hydrozincite	*Jeffersonite	Woodruffite
*Chlorophoenicite	Idocrase	Schefferite	Wurtzite
Chondrodite	Cyprine	Pyrrhotite	Xenotlite
*Clinohedrite	Illmenite	Quartz	Yeatmanite
Copper	Johannsenite	Agate	Zinalsite
Corundum	Kaolinite	Chalcedony	*Zincite
Corellite	Kentrolite	Flint	Zircon
Cryptomelane		Jasper	Zoisite
Cuprite		Milky	

*Found only at Franklin or Sterling

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COFFEE SHOP — COCKTAIL LOUNGE — NEWS STAND ON PREMISES

Phone FO 6-3300 for Reservations

ROUTE 15 & SUSSEX STREET

DOVER, N. J.

FLUORESCENT FRANKLIN-STERLING MINERALS

MINERAL	COLOR OF FLUORESCENCE
Anorthite	Blue
Aragonite	Cream
Axinite	Red
Barite	Blue
Barylite	Blue
Calcite	Red
Calcium-larsenite	Yellow
Clinohedrite	Orange
Corundum	Red
Diopside	Blue
Fluorite	Green
Hardystonite	Purple
Hydrozincite	Blue
Margarosanite	Blue
Nasonite	Blue
Norbergite	Cream
Pectolite	Orange
Rhodonite-Bustamite	Red
Scapolite	Blue
Smithsonite	Yellow
Sphalerite	Red, Blue
Svabite	Red
Tremolite	Blue
Willemite	Green, Yellow
Wollastonite	Orange

STEPHENS CORNER SUNOCO SERVICE

ROUTE 23 — AT THE POND

FRANKLIN, N. J.

BORDENS ICE CREAM

FOR LOCATION: SEE No. 2 ON MAP

History of The Replica Mine

The Replica Mine was originally constructed by the New Jersey Zinc Co. When the Franklin mine was closed and the properties sold, the Zinc Co. gave the Replica to the Franklin Kiwanis Club with the proviso that it be moved to another location as the building which contained it was an integral part of the property sold.

In the hot summer of 1959, members of the Club started the demolition and moving. The Replica was two stories in height, and as time was short before the third annual Mineral Show in September, it was decided to re-construct only the second level as this was the most interesting of the two.

Through the cooperation of the officials of Franklin Boro, a building was obtained in which to relocate the Mine Replica. The building available was superbly suited to the purpose both from a practical and historical standpoint. It was the original hoist engine house for the open cut mine. The building, though ancient, was of solid brick construction. Because it was of a different shape than that in which the Replica was first erected, it was necessary to make extensive modifications.

The Zinc Co. was generous in its donation of timbers, rails, wire and cables, drills and much other equipment used in the Franklin mining operation. Also, a quantity of ore and tailings were provided to give the replica an aura of subterranean authenticity.

At the conclusion of the Third Annual Mineral Exhibit, it was decided to rip out all the work done thus far and proceed with the erection of the replica in the original two story design. In order that the work be carried out expeditiously and as authoritatively as possible under the limitations prescribed by the physical structure of the building, the services of retired miners and mine construction workers were obtained. By the date of the Fourth Annual Mineral Show the two floor Replica was ready, even though all the plaster and paint was not thoroughly dry, and many Kiwanians had permanent kinks in their backs and calouses on their hands.

Essentially, this is the Mine Replica as it is today; although additional tunnels were created on the upper level preceding the Fifth Annual Show in 1961.

The Kiwanians who worked on this project derived great satisfaction when one visiting mining engineer commented that the Replica Mine was "The most realistic simulation of mining operations" that he had ever seen above ground.

FRANKLIN SWEET SHOPPE

A REFRESHING STOP — ANY TIME

Main Street

Franklin, N. J.

FOR LOCATION: SEE No. 6 ON MAP

FRANKLIN DINER

GOOD FOOD — FAST SERVICE

7 A.M. to 2 A.M.

FOR LOCATION: SEE No. 9 ON MAP

EXHIBITORS

John Baum
Richard Hauck
Fred Cuningham
Sunny Cook
William Spencer
Harry Senchik
Al Smith
Norman Morris

Charles Davidowsky
Estate of Martin Gabor
Morris Kopans
Clarence McEntee
Louis Sebo
John Albanese
Edward Solens
Arthur Horr

BROWN'S HOTEL & BAR

Accommodations by Day or Week

STOP AND SEE RUTH AND MARTY
ACROSS FROM THE MINERAL DUMP

24 Church Street

Franklin, N. J.

FOR LOCATION: SEE No. 8 ON MAP

Viebrock's
Motel

Route 26 South of Newton

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MINERAL EXHIBIT

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VAndyk 7-7660

For Location: See No. 10 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.