THURSDAY, FEB. 8, 1833

### THE FRANKLIN PRESS and THE HIGHLANDS MACONIAN

Vermiculite

ness is 5 to 6 and specific grav-ity of 4.3. These minerals are color may vary from green to

on clothing.

# How To Identify Useful **Minerals Of This Region**

BY H. J. BRYSON In the Farmers Federation News be even colorless. The luster is North Carolina. The most common In the Farmers Federation News THE useful minerals of West-is usually well developed in one mercial scale are as follows: barite, copper ores, corundum, feldspar, in two directions, the angles be-constructions of the state, is usually the solution of the state, is usually of very is usually of very is usually recognized due to the is usually recognized due to the is usually of very is usually the fact that it sults into very thin in two directions, the angles be-in two directions, the angles be-is usually the fact that it sults into very thin is usually of very is usually copper ores, corundum, feldspar, gold ore, garnet, iron ores, kaolin, mica, olivine, quartz, rutile talc and soapstone, vermiculite and zinc bet to the bardness is us-and soapstone bet to t

have some knowledge of mineralogy. However, the terms used in describing the above minerals may be explained briefly.

in natural light. Most minerals a specific gravity of 19.3 when granular appearance. have a different color when seen pure. It is usually identified by in an artificial light as well as its high specific gravity, its com-

break into splinters; conchoidal is when it breaks more or less shelllike; uneven fracture is when a dododocahedrons. The rhodolite mineral has an uneven surface when broken,

All minerals have a different weight when pure, some minerals are very light while others are very heavy. The specific gravity, then, is calculated by how much heavier the mineral is than water. If the mineral has a specific gravity of 4, that merely means it has a weight four times that of water. netite, hematite, limonite and pyrite. Magnetite iron is identified

All minerals have a tendency under certain conditions to crystallize by its quality of being easily atin different forms. When minerals tracted by a magnet. It is usually are found in this form, they are steel gray to black in color and said to be crystallized. Many min- very heavy. The fracture is unerals are easily identified by their even, the hardness 6 and specific particular crystalline structure gravity 5.18. Hematite, another

Gold Ore

which have, usually, twelve sides

and these crystals are known as

garnet has a peculiar color which

may be classed as a pink or pale

lavendar. The luster is always

vitreous or glassy and fracture un-

even. Rhodolite is a mixture of

Iron Ore

Iron Ore: The iron ores of

Western North Carolina are mag-

on the fingers when rubbed over

Vermiculite: There are several unknown; and all persons whomvarieties of vermiculite found in

Mica: There are several va-

Olivine: Since the mineral ol-Gold Ore: At a number of lo- ivine has recently become of incalities in Western North Carolina terest in certain industries, it is

Ouartz Quartz: Quartz is the most com-

ore. In order to identify any of these specific gravity is usually 2.57 to minerals by description, one must 2.8. Sometimes called isinglass. This is not correct due to the fact that is, when bent isinglass is an artificial product. Olivine

Zinc Ore Zinc Ore: The zinc ore in West- ing to survey 561.96 acres fully de-North Carolina, containing accordgold ores occur. When the gold eral is usually called crysolite and the form of the sulphide. This the petition filed in said proceed-

> Ch. 284. And the said non resi- erty: LEGAL ADVERTISEMENTS dent defendants above named, and

LEGAL ADVERTISEMENT

J. W. Spagenburg and wife -

mana erificial light as well as intervent is susally identified by the high specific gravity, its common of the minerals. It occurs in mon of the minerals. It is could rock rays thence S. 38 E. 178 feet to a stake; thence S. 32 E. 108 feet to a stake; thence S. 32 E. 108 feet to a stake; thence S. 39 feet to a gate post; thence S. 39 feet to a gate post; thence N. 26 W. 67 feet to a stake; thence N. 26 W. 67 feet to a stake; thence N. 26 W. 67 feet to a stake; thence N. 26 W. 67 feet to a stake; thence N. 26 W. 67 feet to the lightway stas a vitreous or glassy a gate ance. It has a have forester, wife of J. C. For tal ways has a vitreous or glassy a gate manes of 7 to 75 and its specific gravity is from 4 to 4.15. Some times it occurs as crystals one times it occurs as crystals

easily identified by the fact that white. It has a hardness of 1 and wife ----Clement, Young Cane, ion be made for six (6) successive B. McGuire, reference being here easily identified by the fact that white. It has a hardness of 1 and they will stain the fingers when a specific gravity of 2.8. Any of houn, Georgia; Mrs. Robt. Scabolt, Calhoun, Georgia; as heir of Mrs. Martha Seabolt, Calhoun, Georgia; Western District of North Carolina, This the 21 day of December, 1932. J. Y. JORDAN, Clerk United States District Court for the West-ern District of North Carolina. By: O. L. McLURD, Chief Deputy pagenburg, whose residence is soever owning, or claiming to own

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NOTICE OF SALE

## ed in the undersigned trustee by deed of trust from T. B. Ashe and they remain in that position. The proceeding, and known as the An-true micas are elastic. The drews Manufacturing Company 6, 1929, and registered in the of-true micas are elastic. All pertracts situated in Macon County, fice of the Register of Deeds for Macon County in Book No. 31. page 153, of Mortgages and Deeds of Trust, to secure the payment be explained briefly. The physical properties of the minerals, especially those observed with the naked eye are color, lus-ter, cleavage, fracture, hardness, specific gravity or weight, and crystal structure. The color of a mineral is its appearance to the naked eye when observed in natural light. Most minerals in natural light. Most minerals courthouse door in Franklin, North FRANKLIN SHOE SHOP SAYS:

Beginning at a stake on the bank

Having qualified as executrix of Whereas, power of sale was vest-

And then your life will be complete. -Troy Horn. FRANKI 'N SHOE SHOP **Opposite** Courthouse We Buy and Sell" Troy F. Horn Box 212

**Funeral Service** BRYANT FURNITURE COMPANY Franklin, N. C.



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LEGAL ADVERTISEMENTS

weeks in the Franklin Press, a by had to said map as recorded in newspaper published in Macon County, North Carolina, in the Western District of North Carolina

J26-MC-4tc-F16

#### EXECUTRIX NOTICE

Elizabeth Kelly, deceased, late of Macon County, N. C., this is to notify all persons having claims against the estate of said deceased in bar of their recovery. All persons indebted to said estate will please make immediate settlement. This 26th day of January, 1933.

LASSIE KELLY CUNNINGHAM,



When quartz occurs in crystals, it common iron ore, has a peculia always has six sides and is said red color. The red stain is left to be hexagonal. The hardness of a mineral is the it. However, sometimes, when in

degree in which it resists abrasion the pure state, hematite has a according to a definite hardness dark steel gray color and is often table. The mineral talc has a mistaken for silver. The hardness hardness of 1 and diamond has is 5.5 to 6.5 and the specific grava hardness of 10. All other min- ity 5.2, a little heavier than magerals have a hardness between netite. This particular mineral is this range. Tale, then, is the characterized by its reddish streak. softest mineral known and diamond Limonite is sometimes called brown the hardest. The finger nail has a hematite. The color is dark brown hardness of 2, brass a hardness to black, sometimes yellowish and of 3, a penny the hardness of 4, the streak is always yellowish ordinary window glass a hard-brown. It always has an earthy ness of 5.5, an ordinary knife appearance the hardness is 5 to 5.5 blade a hardness of 6, and com- when pure. The mineral pyrite

each of the minerals named above: and is often called "fool's gold."

#### Barite

Barite: The mineral barite is cubes in crystalline form. The also called heavy spar due to its hardness is 6 to 6.5, much harder excess weight. The color may be than any of the other yellowish white, brown yellow or red and minerals. even at times it is colorless. The

luster is usually vitreous (glassy) Kaolin: Kaolin is a type of clay or pearly. At times, it has a cleav- composed essentially of the mineral age in one direction and usually kaolinite. It is formed by the an irregular fracture. The hard- weathering of feldspars. It is alness is from 3 to 3.5 and specific ways white when in pure form, gravity 4.5. It is then a rather very soft and usually covered and heavy mineral since it is 4.5 times never found exposed on the suras heavy as water. The extreme face. When washed carefully, kaweight is one of the easiest meth- olin is the purest clay known. ods of recognizing it.

Copper Ores

Cyanite

Kaolin

Cyanite: The mineral cyanite is Copper Ores: The copper ores sometimes spelled kyanite to disof Western North Carolina are tinguish it from other materials. usually in the form of chalcopyrite, The mineral cyanite occurs in the iron copper sulphide. These three forms: as large crystals in ores usually have a brassy yellow quartz; as pure lenticular deposits; color, an uneven fracture, no cleav-age, a hardness of 3.5 and a spe-cific gravity of 4.2 to 4.3 Usually color but sometimes may be white, when copper ore is exposed to gray or green. It has a vitreous the atmosphere, they have a pe- to pearly luster and a hardness culiar display of colors which can of 5 to 7 and a specific gravity be described by the name of "pea- of 3.56 to 3.66. Lead Ore

#### cock" colors. Corundum

Lead Ore: The lead of North

Corundum: Corundum is found Carolina is in the form of galena, at a great number of localities in the lead sulphide. Galena is rec-Western North Carolina and us- ognized by its lead gray color and ually distinguished by its extreme its cleavage which is perfect in hardness which is 9. The color three directions. When this minmay be white, gray, yellow, brown, eral is broken; it breaks into small green, blue, pink or red. It is cubes. The color is always lead called sapphire when blue and ruby gray, the streak grayish black and when red. In crystalline form, it the cleavage perfect. It has a has a diamond-like luster. The hardness of 2.5, slightly harder than fracture is always uneven with lit- the finger nail, and a specific gravtle or no cleavage developed. The specific gravity is 3.95 to 4.1. It

is always distinguished by its hardness and high specific gravity. Feldspar

Manganese Ore Manganese Ore: The manganese ores found in Western North Car-

olina are principally prolusite and Feldspar: The name feldspar is psilomelane. The pyrolusite is alassigned to a group of minerals ways iron black in color with a which vary some in chemical com-position but little in physical prop-erties. In all, there are eight feldspars found in Western North Carolina. The color may vary from white, green, flesh, red, gray brownish black streak. The hard-

mon quartz a hardness of 7. Below is a brief description of Sometimes it is mistaken for gold Occasionally, it is found in perfect

#### LUSION

In this startling trick, the magician seemingly pushes a huge threaded needle through the body of an assistant, pulling the needle out the other side, followed by the thread.

BODY

#### EXPLANATION:

Under the clothes of the victim is a pipe, extending around one side of his body from front to back. The needle, which is flexible, is inserted in the front end of the pipe, is carried around the body and emerges from the pipe in back. This operation is performed so quickly that the audience does not notice that the needle and thread are momentarily shortened during the act.

> SOURCE: "Magic Stage Illusions and Scientific Diversions" by Albert A. Hopkins... Munn & Co.

# lt's fun to be fooled \_\_\_\_ ... it's more fun to KNOW

We like tricks...but we prefer to keep mous, air-tight Humidor Pack. Camels them out of business.

Here's one that's interesting ... The illusion that by some obscure magic certain cigarettes are "cooler" than others. THE EXPLANATION: Coolness is determined by the speed of burning. Fresh cigarettes burn slowly. They're cool. Parched, dry cigarettes burn fast. They're hot.

Camels are carefully wrapped in moisture-proof cellophane ... in the fa-

KEPT FRESH

IN THE WELDED

HUMIDOR PACK

are cool because they're fresh.

A cigarette blended from choice nonirritating tobaccos also gives a cooler effect than one that is harsh and acrid. The finer the tobacco the less irritating it is, and therefore the "cooler."

It is a fact, well known by leaf tobacco experts, that Camels are made from finer, **MORE EXPENSIVE tobaccos than** any other popular brand.

This is why Camels are cool and mild, non-irritating-full of flavor. This is why Camels have given more pleasure to more people than any other cigarette ever made. It's the tobacco that counts. Keep the famous welded Humidor Pack on your Camels. It assures you a fresh, cool smoke.

**NO TRICKS** .. JUST COSTLIER TOBACCOS MATCHLESS BLEND

CAMELS

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