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<b>Title</b>	Map of the United States Lead Mines on the Upper Mississippi River ... Ebr. Martin, engraver.
<b>Date</b>	1829
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recto

This tract of country upon the high lands is gently rolling but as you approach the larger water-courses it becomes more and more hilly, terminating in high calcareous bluffs along their margins. About one third is first rate farming land. Not more than a tenth is covered with timber, which grows in detached groves, the balance prairie. Springs of pure water are to be found in abundance. The interior is healthy, no local causes of fever exist, except immediately on the Mississippi. The climate is pleasant & desirable except during the spring months. Snow seldom exceeds 22 inches in depth during winter. All the fruits, vegetables and grain which grow in the same latitude in our Eastern States would succeed equally well here.

The minerals delineated on the map are natural formations of which may be seen from almost every part of the mines, serving as natural beacons to direct the traveller in his course.

Amount of Lead manufactured.

In 1825	250,473
26	1500,530
27	6824,580
28	12,957,400
29	32,247,744

Estimated number of inhabitants.

In 1825	200
26	1000
27	4000
28	10,000

About 400 females, & 600 are free blacks.

The United States have the Fee Simple in part, and the right to occupy the whole of the country between the Wisconsin and the surveyed lands south of Rock river, and the line marked along sugar creek to the Mississippi. Commissioners are appointed for the purpose of negotiating the Indian title to the whole in the course of the summer, for the sale of which the Government has made no provision except a section upon which stands the town of Galena.

The mines are worked by private individuals who pay the Government for such privilege a tenth of all the lead manufactured. The Superintendent has the power of prescribing such rules as will prevent disputes and secure the Government against waste and fraud, to which all who engage in mining are bound to subscribe.

A lot of six acres square is allowed to every two mines, and one in addition for every two hands employed, to be located & staked off by the miners on any unoccupied ground, which may be abandoned at pleasure and another taken. The occupants have the exclusive benefit of their own discoveries, but are restricted in the sale of their mineral to a licensed smelter who is obliged to give bond in a penalty of \$5000 to pay the Government a 10% of all the lead he manufactures. Licenses of half a section for three years may be obtained on bonds of \$500 with a like condition.

Miners are entitled to the free use of timber for building and fuel. Smelters are allowed authority to carry on their works. Leases can only use for smelting on their half sections, but if there should be no timber, they must sell their mineral to a smelter. The same person may either mine, lease, or smelt all together.

Mining is permitted free of rent, where ever it can be done without interfering with the timber needed for mining purposes. Mining is as simple a process, as the common method of digging wells.

Galena in the soil of Section 34, JO. DAVIESS CO. is principal deposit of the mine. Contains about 250 houses & 3000 inhabitants. The soil derives mostly its fertility from St. Louis & prairie lands run from Galena to every part of the mining district.

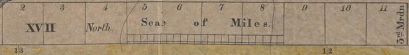
In 1828 there were 65 arrivals of Steam Boats & 71 keels at the port of Galena. Macaulay is the Indian name for the river on which Galena is situated, and when translated into English means Small Fox or more literally a River that blisters. It was so named from the irritation of several hundred of the natives during those of that disease, and there being no characteristic to justify naming it Fox river or Bear river, as translated from the French, no reason is known why its original name should not have the preference.

Upper ore (Sphalerite) has been found in its original deposit, in such quantities and with such an extent of its course as to justify the expectation of that metal being produced in considerable quantities.



REFERENCE  
 \* Furnaces or Smelting establishments  
 @ Smelters of Mineral or Lead ore  
 - Mines  
 S. Copper  
 East line of the purchase lately made at Prairie du Chien

**MAP**  
 OF THE  
**United States**  
**LEAD MINES**  
 ON THE  
**UPPER MISSISSIPPI RIVER.**  
 Drawn & Published by  
**R.W. CHANDLER OF GALENA.**  
 1829.  
 S.W. MANICKY GENTLEMAN  
 CINCINNATI.



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 1829  
 1829