000000000	3150 0007 : Modarelli Iron Mine	
		County: Euraka Item 9
UTHER NAMES:	ODITY(IES): Fe, Ba?	Mining District: Modarelli - Frenchie
		AMS Sheet: Winnemucca Creek
TYPE OF DEPOSIT	· •	Quad Sheet: Frenchie Creek 15'
ACCESSIBILITY:		Sec. 30 T 29N R 51E
		Coordinate (UTM);
PRODUCTION	See CRIB	North 4 4 6 8 5 5 0 m East 0 5 6 2 7 0 0 m
HISTORY:		w -
		Zone 111
DEVELOPMENT C	One large, terraced open pit trending N-NW about trusher & stock piles of ore lie below open pit.	700 + 500' in length & /00'
	tusher a stock piles of ore lie below open pit.	
ACTIVITY AT TIME	E OF EXAMINATION: None.	
GEOLOGY:	NBM Bull. 53, Iron ore deposits of Nevada, has a	good write-up on the geology &
MADEULY O	L LILES MALIE.	
Near the	The host rock for this deposit is the Jurassic Fr mine the volcanics are hydrothermally altered. Wit	hain a thought the section of
by hemat:	tte & Illionite which are probably the oxidized produ	cts of magnetite
	The open pit explores varible grades of Fe-replace	ed rhyolita alama a MII +14
zone. Th	te pit is benched on the West side & is approximately	v 100-1501 door on the seek of the
	There is a laut zone which strikes N60W 70NE	The fault come to bound the are
	the replaced rock occurs south (or southwest) of th	io otroctore in the College to
Targe Ex	wante of high oxidized hematitic ore occurs in the	continuent now of the
u.u.au.y	At the intersection of the NW structure with an age	t mtrandina fault (maga m. 11
	e most intensely replaced rock is located in areas	of bigh for a series
surfaces	Away from the main deposit, the volcanics appear & replaced phenocrysts). In general, the rocks ar	to be chloritized (on fracture
& show fl	ow laminations (tuff or flow origin). Adjacent to	rhyodacitic in composition
silicified	& display a light pink-brown groundmass & abundan	t altered placification phononers
replaced	by clay minerals & FeOxs. Quartz & biotite also oc	Cur as phenocrysts in the flow
rock.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	edt as phenoclysts in the liow
		
IEMARKS S	samble 1527 was taken from oro otooknile need and	
in the fo	Sample 1527 was taken from ore stockpile near crusher orm of specular hematite. Some quartz, apatite & bar	Most of Fe in the sample occur
pods with	in ore.	rite() occur on fractures & in
	Sample 1528 consists of silicified, gossany, Fe-si	rained volcania made which
	on road near the deposit. SAmples 1527, 1528	arned voicanic rock which
	the second secon	
	Photos.	
PPPAPLIANA	NDMO D. 11 CO	
	NBMG Bull 53. 1179, Geology of the Frenchie Creek Quad, north-cer	tro1 NV 1064
		11.41. NV 1704.
XAMINER:	Bentz	DATE VISITED: 7/29/82
	그는 물리 등 수 있는 살아 가지 않는 것이 하는 것이 살았다.	