Siliceous Iron - (32-33 mi. from Casper). Mr. Charles Koch has mineral rights.

The ore is specularite slightly altered in places to limonite and associated with quartz. At the location pit (8'x6') the ore is good and contains only a small amount of quartz (up to about 20%). Farther west there is as much quartz as iron. The total width of the ore body is about 50'plus. (Length here 50' plus.)

This appears to be a quartz-specularite vein or dike which runs N. for about a mile, then is "lost" for a mile and can be traced another mile (Mr. Koch). It may be continuous. The eastern part of the dike has more hematite than the western.

The dike occurs in granite. The ore assayed 30% and 32% iron, 1-2% chromium (1 sample), and 1-2% manganese (1 sample).

We walked along the "strike" for about 1 mile and found no outcrop, but there are occasional chunks of float on the hill to the N. Nothing for 1/4 mile S. There may (should) be some iron the hill because the chunks we found were large (2' across in some cases) as well as small. Possibly a trench would prove the presence - or absence - of iron. It is peculiar that the iron does not crop out because it stands up several feet above the granite where exposed at the pit.

Apparently heamtite is exposed a mile or more further N., but we didn't get to see it.

Siliceous Iron (22-33 mi from Casper) Mr. Charles Kach has mineral rights The are is specularite slightly altered in places to lemonte and associated with quarty let the location pet (8'x6') the one is good and contains only a small amount of questy (up to a bout 30%) Farther west there is as much quasty as now . The total wealth of the one body is about to't. (Lugth lust vot) This appears to be a quarty-specularite veen or debe which pure Morabaut a mile, there is lost for mile and can be traced a nother mile ( hir Koch) It may be continuous. The saction hart of the acho. barmas beinatel treas the western The dile occurs ingrounds fler one a range in and 22% won , 1-2% cherencein (las infile), and 1-2% manganest (menus (c). The walked a long The strue for about limits and found no outerop but there are recovered cheeseled on the fill the the N. hothing for 1/2 male S. There may ( should ) be some rion on the but because the obecano me found meet large (2'across in some enses) as well a small Parcelly a though would

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