PROPERTY NAME: Buckskin Mtn. Property	133) I tem 10
	County: Humboldt
OTHER NAMES: Buckskin National (Hatch) Mine, Halcyon Mine, etc.	Mining District: National
MINERAL COMMODITY(IES): Ag, Au	AMS Sheet: McDermitt
TYPE OF DEPOSIT: Epithermal vein	Quad Sheet: McDermitt 15'
ACCESSIBILITY:	Sec
OWNERSHIP: Under lease to Asarco by Buckskin National Gold Mining Co.	Coordinate (UTM): North 4 6 2 6 7 0 0 m
PRODUCTION: Unknown amount of Au-Ag. HISTORY: Discovery in 1920's; mill burned in 1937, little production since (high grading only?).	Zone O ₁ 4 ₁ 5 ₁ 5 ₁ 1 ₁ 0 ₁ 0 _m +11
DEVELOPMENT: About 1200-1500 m of underground workings, mainly	
trending veins. Asarco has drilled 1000 m or more of core	holes.
None Town and the Day will	
ACTIVITY AT TIME OF EXAMINATION: None. Tour conducted by Peter Vikre, As	arco.
GEOLOGY: The rocks that make up the Buckskin Mtn. area are.	from bottom to too tuingi
GEOLOGY: The rocks that make up the Buckskin Mtn. area are, pelitic rocks, andesite flows (approx. 16 m.y.), quartz latit	o flows wheelite floor (1/ 15
m.y.), quartz latite flows and, on the top of Buckskin peak rh	volite intrusive and pyroclasti
rocks and volcaniclastic sediments with pool sinter. (see Para	dise Ha property description)
The mineralization at Buckskin consists of a complete minerali	zed system from surface
mercury deposits in sinter to stibuite-rich upper portions of	veins to deeper ruby silver-and
gold-bearing quartz veins. The mines explore 2 N15W. 75W vein	s: these are narallel to and on
strike with National and Birthday veins in the National Distri	ct Property 7Km to the north.
strike with National and Birthday veins in the National Distri The eastern vein is The Lawry, The Western, The Bell vein. Mo	st of the production is probably
from The Bell vein. The tops of the vein system can be seen a	t the surface in pits and stopes
at these high levels. The veins are a 3m wide silicified zon	e with veins and stockworks of
fine-grained chalcedonic quartz with fine laminated crustifica	tion. Stibnite occurs in upper
parts of these veins; it is absent or present as last stage in	veins deeper in the workings.
Vein mineralization consists of 4 stages: Stage IV (latest, h	ighest in system) stibnite & Ag
sulfosalts & fine crustified chalcedony; Stage III strong pyri	te & marcasite mineralization;
Stage II rythmically crustified quartz-chalcedony veins with s	
(electrum); I (deepest) silver minerals associated with K-mica	and feldspar-stable alteration
The tops of the veins as described above, "apex" or top out ab	
(pool sinters, etc.). Fluid inclusions from these veins indic 175°C with some indication of over-pressure. Hydrothermal bre	
minerals in the veins include native Au(electrum), pyrargyrite	
tetrahedrite plus an approximately equal amount of base metal	
chalcopyrite, sphalerite, bornite and stibnite. The Bell vein	
iron-sulfide zone several meters wide with a 20-60cm crustifie	
Alteration, outward from the pyritic zone, is kaolinite, follow	
FEMANKEY then by quartz-chlorite-quartz-calcite, then fresh rock	
extensive in the hanging wall of the veins. There is little u	
Mtn. Magnetite in the calcite-chlorite-quartz zone goes to py	
zone. Vertical alteration zoning; top of Buckskin Mt. = silica	
meters or more down from peak (vertically), rhyolites are late	
selvages of kaolinitic alteration border the veins to depths o	
alteration reportedly occurs in and around? veins at depths be	low level of workings (but core
by Asarco). Ore grades in veins are apporximately 0.6 oz/ton	Au, 20 oz/ton Ag. Hypogene
alunite is dated at 15 m.y. (believed to be alteration age). T	
peraluminous. Arsenopyrite is reported from Stage III mineral	
REFERENCES:	
EXAMINER:	DATE VISITED:

Continued from Page I PROPERTY NAME:	County: Humboldt
OTHER NAMES: Buckskin Mtn. Property	Mining District:
MINERAL COMMODITY(IES):	
TYPE OF DEPOSIT:	Quad Sheet:
	보고 있다면 하는데 이 사람들이 얼마나 없다면 하는데 없다면 없다.
ACCESSIBILITY:	
OWNERSHIP:	Coordinate (UTM):
PRODUCTION:	
HISTORY:	Zone
	A STATE OF THE STA
DEVELOPMENT:	
ACTIVITY AT TIME OF EXAMINATION:	
	5.5
GEOLOGY:lamellar calcite textures are common in parts	of the veins (stage II).
deceder.	
Sample #479 is select ore-grade vein matter fr	om dump of Buckskin National Mine;
Sample #480 is select vein matter from dump of Sample #481 is select vein matter from the "ap	Halcyon Mine.
Jumple #401 13 Select Vern matter from the ap	ex of the bell verm.
REMARKS:	
REFERENCES: Vikre, Peter (1984?) Mineralization at Bucks	kin Mtn., National District. Nevada:
Econ. Geol., accepted for publication.	
Vanderberg, W.O. (1938) Reconaissance of min	ing districts in Humboldt County:
U.S. Bureau of Mines R.I. 5446.	o of Humbolds Comment
REFERENCES: Willden, R. (1964) Geology and mineral deposition Bull. 59 p. 126-127.	s or numborat County, Nevada: NBMG
L.J. Garside, H.F. Bonham, Jr.	18 Aug 83
EXAMINER:	DATE VISITED: