

Table 9-1. Epithermal training sites in northern Nevada.

(Deposit: name of training site deposit; see figure 9-1 for locations. Mine: mine (if any) with which deposit is associated. District: mining district (Tingley, 1992). Epithermal Type: HS, hot-spring; low-S, low-sulfidation vein or replacement. Volcanic Assemblage: associated volcanic assemblage; BM, bimodal; IAR, interior andesite-rhyolite (see text for explanation); WA, western andesite; see text for descriptions. Epi. Group: lithologic classifications from Table 9-3. Actual Host: actual host of deposit, using abbreviations used on Nevada state geologic map (Stewart and Carlson, 1978). S&C Host: unit shown on Nevada state geologic map (Stewart and Carlson, 1978) with which training site intersects. Company: mining company controlling deposit; may not be completely up to date. Location information: County, latitude, longitude, UTM E (UTM East), UTMN (Assessment Rank: data-driven assessment rank; see text for explanation and figure 9-15 for locations.)

Training site (deposit)	Mine	District	County	Epith- ermal Type	Volcanic Assem- blage	Epithermal	Actual	S&C Host	Topographic map	Latitude	Longitude	UTME	UTMN	Age (Ma)	Assessment	Company
Relief Canyon	Relief Canyon Mine	Antelope Springs	Pershing	HS	BM	2	TRc	TRc	Buffalo Mountain 7.5' (1987)	40.21	-118.17	400600	4451540	Late Miocene	Permissive	Newgold, Inc. (1999)
Ashcraft Pit	Mule Canyon Mine	Argenta	Lander	HS	BM	5	Tba	Tba	Mule Canyon 7.5' (1985)	40.60	-116.69	526540	4493450	15.6	Prospective	Newmont Gold Co. (1997)
Far West Zone	Mule Canyon Mine	Argenta	Lander	HS	BM	5	Tba	Tba	Mule Canyon 7.5' (1985)	40.58	-116.70	526540	4493450	15.6	Prospective	Newmont Gold Co. (1997)
Main Pit	Mule Canyon Mine	Argenta	Lander	HS	BM	5	Tba	Tba	Mule Canyon 7.5' (1985)	40.59	-116.69	526540	4493450	15.6	Prospective	Newmont Gold Co. (1997)
Microwave Zone	Mule Canyon Mine	Argenta	Lander	HS	BM	5	Tba	Tba	Mule Canyon 7.5' (1985)	40.56	-116.69	526540	4493450	15.6	Prospective	Newmont Gold Co. (1997)
North Pit	Mule Canyon Mine	Argenta	Lander	HS	BM	5	Tba	Tba	Mule Canyon 7.5' (1985)	40.60	-116.69	526540	4493450	15.6	Prospective	Newmont Gold Co. (1997)
Northwest Pit	Mule Canyon Mine	Argenta	Lander	HS	BM	5	Tba	Tba	Mule Canyon 7.5' (1985)	40.59	-116.69	526540	4493450	15.6	Prospective	Newmont Gold Co. (1997)
Section 9 Pit	Mule Canyon Mine	Argenta	Lander	HS	BM	5	Tba	Tba	Mule Canyon 7.5' (1985)	40.57	-116.69	526450	4491250	15.6	Prospective	Newmont Gold Co. (1997)
South Pit	Mule Canyon Mine	Argenta	Lander	HS	BM	5	Tba	Tba	Mule Canyon 7.5' (1985)	40.58	-116.69	526490	4492480	15.6	Prospective	Newmont Gold Co. (1997)
West Pit	Mule Canyon Mine	Argenta	Lander	HS	BM	5	Tba	Tba	Mule Canyon 7.5' (1985)	40.59	-116.69	526240	4493580	15.6	Prospective	Newmont Gold Co. (1997)
Doby George	Doby George	Aura	Elko	lo-S	IAR	2	PMh	PMh	Maggie Summit 7.5' (1987)	41.66	-116.07	577800	4612600	Eocene	Permissive	Atlas Corp. (1997)
Wood Gulch	Wood Gulch Mine	Aura	Elko	lo-S	IAR	2	PMh	PMh	Badger Creek 7.5' (1986)	41.68	-115.97	586070	4614580	Eocene	Permissive	Homestake Mining Co. (1991)
Office	Sleeper Mine	Awakening	Humboldt	HS	BM	5	Tr3	Qa	Jackson Well 7.5' (1982)	41.33	-118.05	412220	4575720	16.1	Prospective	Amax Gold, Inc. (1997)
Sleeper	Sleeper Mine (Sleeper subpit)	Awakening	Humboldt	HS	BM	5	Tr3	Qa	Jackson Well 7.5' (1982)	41.34	-118.05	412170	4576480	16.1	Prospective	X-Cal Resources, Ltd. (50%); Amax Gold, Inc. (50%) (1999)
West Wood	Sleeper Mine	Awakening	Humboldt	HS	BM	5	Tr3	Qa	Jackson Well 7.5' (1982)	41.33	-118.06	411400	4575760	16.1	Prospective	X-Cal Resources, Ltd. (50%); Amax Gold, Inc. (50%) (1999)
West Wood	Sleeper Mine (Wood subpit)	Awakening	Humboldt	HS	BM	5	Tr3	Qa	Jackson Well 7.5' (1982)	41.33	-118.05	411980	4575740	16.1	Prospective	X-Cal Resources, Ltd. (50%); Amax Gold, Inc. (50%) (1999)
Corcoran Canyon	Silver Reef Project	Barcelona	Nye	U	IAR	5	Tt2	Tt2	Corcoran Canyon 7.5' (1971)	38.69	-116.82	515350	4282150	Late Olig-early Mio	Permissive	Landmark Resources, Ltd. (1991)
Mina Gold		Bell	Mineral	lo-S	IAR	4	Ta2	Ts3	Stewart Spring 7.5' (1979)	38.56	-117.90	421950	4268350	Late Olig-early Mio	Permissive	Mina Gold Mine, Inc. (1997)
Bell Mountain		Bell Mountain	Churchill	lo-S	IAR	5	Tt2	Tt2	Bell Canyon 7.5' (1972)	39.18	-118.13	402310	4337170	Miocene	Permissive	Globex Mining Enterprises, Inc. (1997)
Bruner Property, Duluth Zone	Duluth Mine	Bruner	Nye	lo-S	IAR	5	Tt2	Tt2	Burnt Cabin Summit 7.5' (1980)	39.06	-117.79	432040	4324020	Miocene	Favorable	Miramar Mining Corp. (1997)
Buckhorn South (Zeke)	Buckhorn Mine	Buckhorn	Eureka	HS	BM	5	Tba	Tba	Buckhorn Mine 7.5' (1986)	40.16	-116.48	544000	4445300	~15	Prospective	Independence Mining Co. (1999)
Junkyard pit	Buckhorn Mine	Buckhorn	Eureka	HS	BM	5	Tba	Tba	Buckhorn Mine 7.5' (1986)	40.19	-116.49	543300	4448440	~15	Prospective	Hecla Mining Co. (1997)
North Buckhorn pit	Buckhorn Mine	Buckhorn	Eureka	HS	BM	5	Tba	Tba	Buckhorn Mine 7.5' (1986)	40.19	-116.49	543340	4448900	~15	Prospective	Hecla Mining Co. (1997)
South Buckhorn workings	Buckhorn Mine	Buckhorn	Eureka	HS	BM	5	Tba	Tba	Buckhorn Mine 7.5' (1986)	40.18	-116.49	543450	4448140	~15	Prospective	Hecla Mining Co. (1997)
Buckskin	Buckskin Mine	Buckskin	Douglas	lo-S	BM	5	Tr3	Tba, Tr3	Artesia Lake 7.5' (1986)	38.99	-119.35	296370	4318330	Mid Jur.?	Permissive	Pacific Silver Corp. (1986)
Como		Como	Lyon	lo-S	WA	5	Ta3	Ta3	Como 7.5' (1993)	39.17	-119.48	285380	4338450	~7	Permissive	Amax Gold, Inc. (early 1980's)
Flowery	Golden Eagle Mine	Comstock	Storey	lo-S	WA	5	Ta3	Ta3	Flowery Peak 7.5' (1994)	39.32	-119.59	276310	4355280	12 Ma	Permissive	American Eagle Resources (1997)
Gold Hill	Consolidated Imperial Mine	Comstock	Storey	lo-S	WA	5	Ta3	Ta3	Virginia City 7.5' (1994)	39.30	-119.66	270810	4352680	13-14	Permissive	Sutro Tunnel Coalition (1997)
Loring	Loring Cut	Comstock	Storey	lo-S	WA	5	Ta3	Ta3	Virginia City 7.5' (1994)	39.30	-119.65	271220	4353520	13-14	Permissive	United Mining Corp. (1985)
New Savage	New Savage Mine	Comstock	Storey	lo-S	WA	5	Ta3	Ta3	Virginia City 7.5' (1994)	39.30	-119.65	271320	4353560	13-14	Permissive	United Mining Corp. (1985)
Trout Creek		Contact	Elko	U	BM	2	Ts3	Ts3	Texas Spring 7.5' (1968); Tijuana John Peak &.5' (1989)	41.76	-114.57	701960	4625960	Cretaceous or Tertiary	Non-Permis- sive	Challenger Gold, Inc. (1993)
Mountain View Gold		Deephole	Washoe	HS	BM?	2	TRPvs	Qa	Squaw Valley 7.5' (1981)	40.83	-119.50	289000	4523000	Miocene?	Permissive	Breckenridge Minerals, Inc. (1999)
Dixie Comstock	Dixie Comstock Mine	Dixie Valley	Churchill	HS	BM	1	Jgb	Qa	Dixie Hot Springs 7.5' (1990)	39.87	-118.02	413060	4413240	Quaternary	Permissive	Horizon Gold Corp. (1991)
Buffalo Valley	Buffalo Hump Mine	Eastgate	Churchill	lo-S	IAR	4	Ta2	Ta2	Buffalo Summit 7.5' (1969)	39.16	-117.80	430860	4334710	U	Favorable	Societe Miniere Mimiska, Inc. (1996)
Jet		Fairview	Churchill	lo-S	IAR	5	Tt2	Qtoa	Bell Canyon 7.5' (1972)	39.18	-118.21	395470	4337330	19(?)	Permissive	Spectrum Exploration (1986)
Wildcat	Wildcat Mine	Farrel	Pershing	HS	BM	5	Ts3	Mzgr	Rocky Canyon 7.5' (1982)	40.55	-118.75	352160	4490150	Miocene	Favorable	Coromandel Resources, Ltd (1997)
Veta Grande	Veta Grande Mine	Gardnerville	Douglas	lo-S	WA	2	JTRsv	JTRsv	Double Spring 7.5' (1986)	38.84	-119.62	272920	4301650	Cretaceous(?)	Permissive	Wellington Financial Group (1984)
Kramer Hill	Kramer Hill Mine	Golconda	Humboldt	lo-S	BM	1	CZq	CZq	Pole Creek 7.5' (1983)	40.93	-117.50	457630	4530360	Miocen(?)	Permissive	Pinson Mining Co. (1990)
Acme Zone		Gold Circle	Elko	lo-S	BM	4	Tts	Tts	Midas 7.5' (1965)	41.22	-116.77	519280	4563380	15.2	Favorable	Franco-Nevada Mining Corp.; Euro-Nevada Mining Corp., Ltd. (1997)
Belnap		Gold Circle	Elko	lo-S	BM	4	Tts	Tts	Midas 7.5' (1965)	41.25	-116.78	518400	4565880	15.2	Favorable	Franco-Nevada Mining Corp.; Euro-Nevada Mining Corp., Ltd. (1999)
Ken Snyder	Ken Snyder Mine	Gold Circle	Elko	lo-S	BM	4	Tts	Tts	Midas 7.5' (1965)	41.24	-116.78	518600	4565740	15.2	Favorable	Franco-Nevada Mining Corp.; Euro-Nevada Mining Corp., Ltd. (1997)
North Pit	Adelaide Crown Mine	Gold Run	Humboldt	lo-S	BM	2	Osv	Osv	Adelaide 7.5' (1983)	40.82	-117.53	455410	4518180	14.6	Permissive	Gold King Nevada, Inc. (1991)
South Pit	Adelaide Crown Mine	Gold Run	Humboldt	lo-S	BM	1	Ct	Ct	Adelaide 7.5' (1983)	40.81	-117.53	455500	4517650	14.6	Permissive	Gold King Nevada, Inc. (1991)
KW Zone	Grass Valley Goldbanks Mine	Goldbanks	Pershing	HS	BM	2	Ts3	Ts3	Goldbanks Hills 7.5' (1990); Leach Hot Springs 7.5' (1990)	40.50	-117.69	441520	4483300	14.1	Permissive	Kinross Gold Corp. (1997)
Main Zone	Grass Valley Goldbanks Mine	Goldbanks	Pershing	HS	BM	2	Ts3	Ts3	Goldbanks Hills 7.5' (1990); Leach Hot Springs 7.5' (1990)	40.47	-117.68	442260	4480120	14.1	Permissive	Kinross Gold Corp. (1997)
Florida Canyon	Florida Canyon Mine	Imlay	Pershing	HS	BM	3	JTRs	JTRs	Star Peak 7.5' (1987)	40.58	-118.24	395210	4492400	varied	Prospective	Pegasus Gold, Inc. (1999)
Butte No. 1		Ivanhoe	Elko	HS	BM	4	Tts	Tt2	Willow Cr. Reservoir SE 7.5' (1965)	41.12	-116.57	536020	4552200	15.1	Favorable	Newmont Gold Co. (1996)
Clementine																