Mine Name	Aliases	AUM ID	AUM Map ID	NMMMD ID	NMBGMR ID
Haystack No. 1	Haystack-Section 19 Open Pit Complex, Haystack	344	E82	NM0047	NMMK0077, 0080, 0081,
Bibo Trespass	Haystack No. 2; MLB-NM-B-1; Arthur Bibo; Bibo; Bilba; Section 13; NM-B-1 lease; Railroad section	1034	E80	NM0047	NMMK0077, 0080, 0081,
Section 24	Indian Allotment, Nan-A-Bah, Glen and Edith; Nana-A-Bah Vandever Allotment	1033	E81	NM0102	NMMK0213

CERCLIS ID	Chapter	County	AUM Region	NM District ID	NM District	Host Rock
NNN000908720, NMD980878771, NND986683316	Baca/Haystack	McKinley	Eastern	DIS115	Ambrosia Lake	Limestone
NNN000908698, NMD980878771, NND986683316	Baca/Haystack	McKinley	Eastern	DIS115	Ambrosia Lake	Limestone
NND986669109	Baca/Haystack	McKinley	Eastern	DIS115	Ambrosia Lake	Limestone

WTR TABLE	Area (m^2)	Latitude	Longitude	UTM East (13)	UTM North (13)	Township
Above	279,659.30	35.34571357820	-107.94365056400	777762.75	3915670.70	13N
Above	90,147.16	35.34952287110	-107.94863969000	777296.16	3916079.36	13N
Above	110,779.97	35.34654495990	-107.94792818400	777371.03	3915750.94	13N

Range	Section	Subsection	Stratum	Reclamation
10W	19	NW	Surface	1990 reclaimed Santa Fe Pacific Gold under EPA action; 1991 reclamation concluded; fenced, debris removed
11W	13	SE	Surface	1990 reclaimed Santa Fe Pacific Gold under EPA action; 1991 reclamation concluded; fenced, debris removed
11W	24	NE	Surface	Unknown

Reclamation Company	Debris	Productive Mine	Total Tons	U3O8 lbs	U3O8 %
Newmont Mining Corp.	pushed off bench	Yes	191,248.00	669,022.00	0.17
Newmont Mining Corp.	no	Yes	3,736.00	16,701.00	0.22
	mine tailings, waste rock piles	Yes	24,638.00	115,075.00	0.22

V2O5 lbs	V2O5 %	Start Year	End Year
165,454	0.21	1951	1981
0	0	1952	1965
85,545	0.18	1952	1957

Mining History	Last Operator
1948 original Paddy Martinez discovery; 1951 ATSF Railroad; 1952-1957 Haystack Mountain Development Corp.; 1959 Henri E. Dole; 1958-1961 Art Bibo (trespass); 1958-1961, 1963-1965 Haystack Mountain Development Corp.; 1964 Jess Fay & Co.; 1970 United Nuclear Corp.; 1975-1981 (June) G. Warnock/Todilto Exploration & Development	Todilto Exploration & Development
1948 original Paddy Martinez discovery; 1951 ATSF Railroad; 1952-1957 Haystack Mountain Development Corp.; 1959 Henri E. Dole; 1958-1961 Art Bibo (trespass); 1958-1961, 1963-1965 Haystack Mountain Development Corp.	Todilto Exploration & Development
1952-1954 Glen Williams; 1954-1956 Santa Fe Uranium Co.; 1954-1957 Federal Uranium Co.	Federal Uranium Co.

Potential Prior Responsible Parties	Comments (AUM Atlas)
United Nuclear Corp.; Newmont Mining Co. (Haystack Mountain Development Corp., ATSF Railroad); Southwest Resources Inc. (Cobb Mining Corp.)	Includes estimated production for 1980 at 2,000 tons, 4,000 lbs. U3O8 @ 0.10. Pounds and grade V2O5 are reported only for the 1951-1965 period from 137,310 tons of ore.
United Nuclear Corp.; Newmont Mining Co. (Haystack Mountain Development Corp., ATSF Railroad); Southwest Resources Inc. (Cobb Mining Corp.)	Mined in trespass by Arthur Bibo from the AEC Lease NM-B-1. Only produced during the AEC production period.

Comments on production (NMBGMR)	Development	Depth of workings	Mining methods	Surface land status
intermittant	large pit complex	60 ft	surface	private/allotment
	pit extension of Haystack section 19		surface	federal
	3 pit, stripped area of 700 x 300 ft	15-20 ft	drilling	allotment

Mineral land status	Ownership	Primary company	Host formation	Age of host rock	Rock type
Newmont Mining Corp.	Santa Fe Railroad, S. Farthree & McKingen	Todilto Exploration and Devlopment Co.	Todilto Limestone	Jurassic	limestone
BLM	BLM		Todilto Limestone	Jurassic	limestone
allotment			Todilto Limestone	Jurassic	limestone

Geology	Mineralogy	Size	Type of deposit	USGS quadrangle
intraformational folds trending NW	fluorite, barite, calcite, pitchblende, carnotite	largest orebody 1,150 ft long	limestone uranium	Bluewater
intraformational folds in upper limestone	fluorite, barite, calcite, pitchblende, carnotite		limestone uranium	Bluewater
several orebodies, related to northwest trending folds		largest 640 ft long and 100-145ft wide	limestone uranium	Bluewater

Elevation	MRDS number	NMBGMRComments	NMMMD Date inspected	NMMMD Date of last modification	2008 Gamma Background (cpm)
7100	W016956	mine map by Gabelman (1956b, p. 393), map by McLemore and Chenoweth (1991)	5/21/1982	2/21/2002	9,589
7100		map by McLemore and Chenoweth (1991)		2/21/2002	10,485
7110		map by McLemore and Chenoweth (1991)	1/8/1980	2/21/2002	7,036

2008 No. Gamma Readings	2008 Gamma Min (cpm)	2008 Gamma Max (cpm)	2008 Site Screening Gamma Summary	Wells
7,045	5,965	626,434	Waste rock with elevated readings found near Vandever home, appears reclaimed, > 620k cpm, 3 houses, church nearby	Windmill well 2.5 mi NW
1,095	6,552	89,750	Measurements were found at their highest along the dirt road transecting the site, 3 houses, church nearby, > 89k cpm on dirt road.	Windmill well 2.5 mi NW
3,024	4,569	594,083	Waste rock and elevated readings found near potential cap area > 500k cpm, 3 houses, church nearby	Windmill well 2.5 mi NW