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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
LAS VEGAS, NEVADA

Catalog of Seismic Records Obtained
In Support of The
ERDA/Nevada Operations Office
October 1963 thru June 1976

MASTER

September 1977

Open File Report 77-653

This report is preliminary and has not been edited or reviewed
for conformity with Geological Survey standards and nomenclatures.

This work performed under Letter of Agreement E(29-2)-474B
for the Energy Research and Development Administration.

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October 1963 thru June 1976

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NOTICE

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INTRODUCTION

The United States Geological Survey (USGS), Branch of Earthquake Hazards (BEH), Las Vegas, Nevada has provided ERDA, Nevada Operations Office, with seismic monitoring support to the underground nuclear weapons test program conducted at the Nevada Test Site (NTS) since September 1961. Activities from September 15, 1961 to September 13, 1963 are summarized in the report, "Seismic Data Summary Nuclear Detonation Program, 1961 thru 1963", (Mickey and Shugart 1964) which lists seismic records obtained from all announced underground nuclear tests conducted during that period.

To facilitate distribution, this report lists records from all announced tests for the period September 13, 1963 through June 1976 and includes records from nuclear weapons tests on and off the NTS; all Industrial Application Division (IAD) (Plowshare) tests; and other research studies conducted during the period. High explosive experiments, wind and human-force vibration of structures, and earthquakes are also listed. Detailed information of the offsite programs can be obtained from reports written on each particular project (see report section). A seismograph network (Southern Nevada Earthquake Net) for monitoring earthquakes on or in the vicinity of NTS was operated and maintained between 1963 and 1976 by BEH. The number of stations included in this network varied from one to twenty-one and the analyses of the records obtained during this report period are given in published earthquake data reports such as Bayer, 1973.

Coordinates for the stations listed are given in a separate report (Navarro and others, 1977). A brief description of the major instrumentation with response curves is given in this report. If possible, a distribution center within the USGS to make the records available to the public at a nominal cost will be formed.

INSTRUMENTATION

Between 1963 and 1976, instrumentation of the USGS/BEH seismic stations utilized five major types of seismographs: The Coast and Geodetic Survey strong-motion accelerograph (CGS); the digital cassette model 300 (DCA-300); the digital cassette seismograph model 301 (DCS-301); the L-7 system (L-7) formerly known as the SCATT-1; and the National Geophysical Company Model 21 (NGC-21) system. The CGS accelerograph has been in use on this program since 1957. The NGC-21 was used from about 1963 to 1966, when it was replaced with the L-7 system which then became the standard velocity recording system (Navarro and Wuollet 1972). The latest acquired systems, the DCA-300 and DCS-301, were purchased in 1975. Other types of instruments, such as the CEC strain gauges, EV-300, Q-flex accelerometers, Sprengnether blastmeter, and Wood-Anderson seismometers were used but not described in detail in this report. Response characteristics are listed in table 1 from Navarro 1967. With the exception of the digital recording seismographs, the main instruments described in this report are no longer in production.

U. S. Coast and Geodetic Survey (USC&GS) accelerographs. -- The U. S. Coast and Geodetic Survey "standard" accelerograph (Halverson 1965), is an optical-mechanical instrument which records earth particle acceleration and displacement directly onto spools of 30.48 centimeter (12 inch) wide photographic paper. Paper drive speed is variable between 2.5 cm/sec and 10 cm/sec, thus, twelve meters (40 ft) of paper will allow approximately 5 minutes of recording time when operated at 5 cm/sec. The main components of the accelerograph include a starting device (either radio tone or pendulum start), three torsion accelerometers, three Carder displacement meters, and an internal timing device. The accelerometers and displacement meters are arranged orthogonally to detect motion in three mutually perpendicular planes (vertical, longitudinal and transverse).

The horizontal accelerometer is essentially a torsion seismometer with an inertia mass suspended eccentrically on a vertical unifilar suspension so that it virtually acts as a horizontal pendulum. The natural period is controlled by torsional reaction in the fiber and the tension applied to the fiber. A small conclave mirror with a focal length of 0.55m is attached to the suspended accelerometer mass. Light from an independent source is reflected off of the mirror onto the photographic paper, faithfully reproducing the movements of the accelerometer. This front surface mirror allows direct recording by optical methods on photographic paper. The vertical component seismometer is identical to this except that the unifilar element is mounted horizontally. Damping of 10 to 1 (0.57 critical) is provided for both vertical and horizontal components by permanent cobalt-steel magnets. Depending upon the suspension used, the accelerometers may have natural frequencies which range from 6 Hz (0.17 sec period) to

50 Hz (0.02 sec period), a static magnification of about 120, and a sensitivity of 1.0 to 70 cm/g. Figure 1 is a maximum acceleration response curve for a USC&GS accelerometer.

The horizontal Carder displacement meter (CDM), designed by Dr. D. S. Carder consists of a compound inverted pendulum that is suspended by crossed (X) hinges and stabilized by a torsion wire located in line with the axis of rotation. A small concave mirror with a focal length of 70 cm is located on the axis of rotation. This mirror reflects the light image to the recording drum, thus recording the pendulum motion by means of an optical mechanical lever. By changing the size of the torsion wire and by adjusting the position of the upper mass, a static magnification of from less than 1 to 10 can be obtained. The vertical component of the CDM consists of a small disk mounted on pivot and jewel spindles. The effective pendulum length is governed by offset weights on the rim of the disk with coiled springs supplying the balance restoring force. Magnification for the vertical displacement meter is near unity with a nominal instrument period of about 2.5 seconds. A damping ratio of 10 to 1 for the vertical and horizontal components is provided by powerful permanent magnets. Figure 1 shows the response curve for a typical Carder displacement meter. Table 1 lists the main characteristics of the C&GS accelerograph seismometers.

USC&GS accelerographs are anchored to 1.0m x 1.5m x 0.12m concrete pads when installed on the ground but are weighed down with lead bricks when located on structures such as high-rise buildings in Las Vegas. For close-in measurements the instruments are anchored to specially poured concrete pads.

Digital cassette seismograph (DCS-301) and digital cassette accelerograph (DCA-300). --

The DCS-301 is a three-component digital recording velocity system with a 72 dB dynamic range (2.5×10^{-4} cm/sec to 50 cm/sec). The velocity response of the system is flat from 0.2 Hz to 20 Hz. The light-weight seismograph consists of a small triaxial seismometer, a 12-bit digital logic processor and recorder operated from a 6-volt power supply.

The fluid damped, flexure suspended, low-mass seismometers have a natural frequency of 40 Hz and a damping coefficient of 70% critical. The data rate is 4800 bits per second. The 100 times per second sampling rate of the seismometer output lends itself to a 48 bit data block. Figure 2 represents the DCS-301 velocity system response curve (x25 range) obtained from a shake-table analysis. The seismometer output data are synchronized to an internal clock and stored on standard 0.15 inch (3.81 cm) cassette tapes in digital computer compatible format. The internal threshold seismic trigger continuously monitors the seismometer outputs and automatically actuates the recorder function when a disturbance exceeds either 5% or 40% of four selectable sensitivity ranges. The gain settings (ranges) are XI, X5, X25, and X100 corresponding to velocity ranges of ± 50 cm/sec, ± 10 cm/sec, ± 2 cm/sec and ± 0.5 cm/sec respectively. The DCS-301 is equipped with a removable frequency response filter card allowing either acceleration or velocity recording mode. The timing, the gain settings, filter frequency and system identifier code are multiplexed continuously on one-second intervals and the data are recorded on cassette tape. External test capabilities permit complete testing, calibration and checkout, including internal clock readout and/or synchronization.

Table 1 lists the characteristics of the DCA-300 and DCS-301 seismometers.

The DCA-300 is a triaxial recording acceleration system. The system uses the same type of accelerometers as the DCS-301. Besides the measuring parameters, the main differences between the DCS-301 and the DCA-300 are in the dynamic range and frequency response. The dynamic range of the DCA-300 varies from $10^{-6}g$ to $\pm 1g$ between the frequencies of from DC to 30 Hz. Figure 3 shows the acceleration response curve for the DCA-300.

With the two state-of-the-art triaxial seismographs, the DCA-300 and DCS-301, used in conjunction with a special cassette to magnetic-tape data processing system (CM-7000), the time interval from recording to analysis is significantly reduced. The CM-7000 was designed primarily to transpose the cassette data to an IBM computer-compatible 7 track, 8-1/2 x 1/2 inch tape. The rack mounted CM-7000 consists of a cassette transport, computer tape transport, formatter, and the appropriate interface electronics. With a special modular adaptation, the CM-7000 is capable of digitizing any 3 channels of analog seismic data at 100 samples per second, or six at 50 samples/sec, or twelve channels at 25 samples/sec. The transducer housing containing three seismometers, are buried in the ground between 30 cm to 45 cm of dirt.

The L-7 velocity seismograph. -- The L-7 velocity seismograph, formerly known as the Seismic Correlated Amplifier Transducer Tape-Recorder system (SCATT-1), is a portable, rugged, and versatile seismic system capable of recording over a broad dynamic range and bandwidth, both strong-motion and teleseismic earth motions in the horizontal and vertical planes (Navarro, 1968). The system has a flat velocity response over a frequency spectrum from 0.1 Hz to 34 Hz; the upper frequency limit being controlled by the response characteristics of the tape recorder. With different

recording systems it could record frequencies up to 100 Hz (figure 4). The total power consumption of the system in the normal operation mode is 50 watts nominal (table 1). The output of the L-7 seismometer is proportional to acceleration over a major portion of the operating bandwidth and is equalized and integrated by an integrating amplifier before being recorded on magnetic tape. The recorded signal is proportional to velocity. The moving coil seismometer has a natural frequency of 1.875 Hz and 10 times critical magnetic damping. At 36 dB (24 dB attenuation) the L-7 has an absolute sensitivity of 400 volts peak-to-peak per centimeter per second vector (figure 4). The individual seismometers are buried in 30 cm to 45 cm of dirt and at least 30 cm between seismometers.

The output of the seismometer is recorded on magnetic tape at a speed of 3/16 ips and can record continuously for five and one-third days. The system makes use of the National Bureau of Standards (NBS) 60 Hz time code transmission broadcast from station WWVB, as a real time reference signal on one of the magnetic tape recorder channels. The L-7 has the capability to allow field calibration of the seismometers, amplifiers, tape recorder and power supply.

The National Geophysical Company velocity seismograph. -- The National Geophysical Company velocity seismograph (NGC-21) is a high gain system consisting of the model 21 seismometers, L-5 amplifiers, and a magnetic tape recorder. The system has an essentially flat response to velocity from 1.0 Hz to 100 Hz at 70% critical damping (figure 5). The model 21 seismometer has a natural frequency of 1 Hz, and a constant voltage output of 289 v/m/sec. The L-5 amplifier has a dynamic response

range from 0 to 120 dB adjustable in 6 dB steps. Each step has 5 output levels attenuated by 12 dB per level, which allows a high dynamic range at each setting. The amplifier has eleven high-cut filters varying from 16 Hz to 100 Hz.

Two methods of calibration are available for the NGC-21 system: a seismometer pulse calibration which calibrates the whole system and a sine-wave calibration which calibrates only the amplifier. The sine-wave calibration is used as a standard since most of the dynamic range of the amplifier can be checked. With the pulse calibration only one setting can be calibrated. The amplifier outputs are recorded on either the NGC-4-D photographic oscillograph or on a 14-channel, 1.5 mil magnetic tape with a recorder speed of 1-7/8 ips. Up to four hours of recording can be made from each reel of 1.5 mil tape. The large NGC-21 seismometers are buried in at least 30 cm of dirt for a good earth couple.

DATA SUMMARY

Table 1 lists seismograph characteristics for the systems described or mentioned in this report. Manufacturer's proprietary data are not listed in table 1.

Table 2 lists in chronological order the announced events for which records are available. Also shown on this table are the dates and time of each event. In the extreme right hand column is the page number in table 3 of the particular event.

Table 3 lists in alphabetical order the record summary for all announced events. The summary lists the station identifier by type of recording available. Records obtained from the Southern Nevada Earthquake Net are not given in this report but the earthquake bulletins published by the USGS office in Las Vegas are given after table 3. These

bulletins are not up-to-date but the analyses of the records and the reports are in progress. Also listed on table 3 by locale name are certain major or local earthquakes, non-nuclear explosives, and other related studies.

Following table 3 is a bibliography of publications which are related to the seismic records. These reports are listed in three different groups; earthquake bulletins, event information, and off-site projects. These reports are in addition to those listed in the references of this text. All reports referenced in this text can be obtained from the National Technical Information Service, U. S. Department of Commerce, Springfield, Virginia 22151.

ACKNOWLEDGMENTS

It would be impossible to list all personnel who participated in the different programs and studies, whose records are tabulated in this report. The U. S. Geological Survey Field Group in Las Vegas, formerly known as the Special Projects Party of the Coast and Geodetic Survey is gratefully acknowledged.

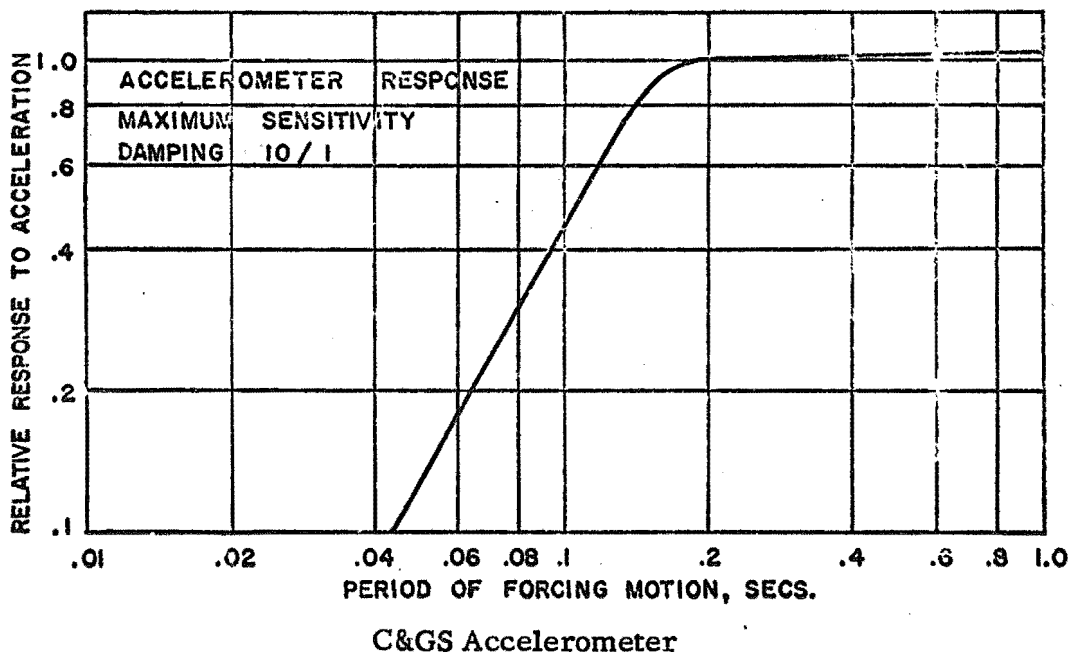
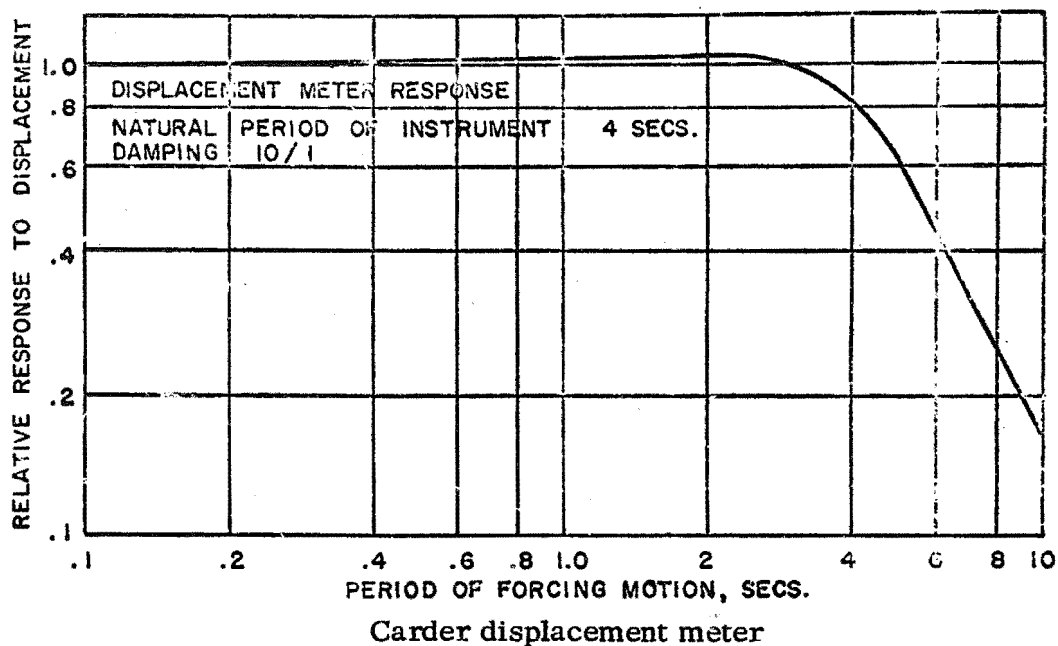


Figure 1. Response curves for a typical Carder displacement meter and a C&GS accelerometer

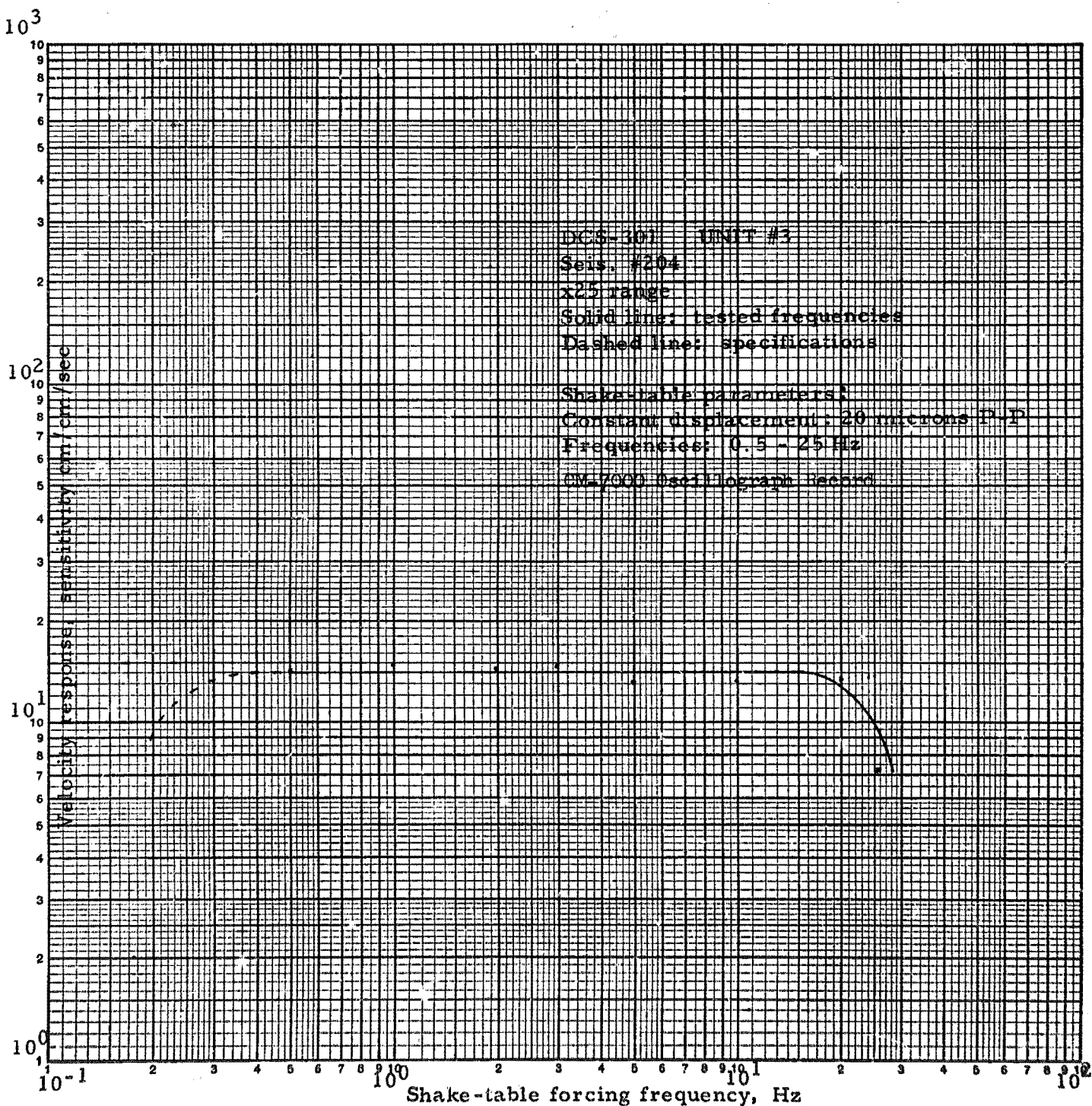


Figure 2. Electro-hydraulic shake-table calibration of the DCS-301
 Horizontal component

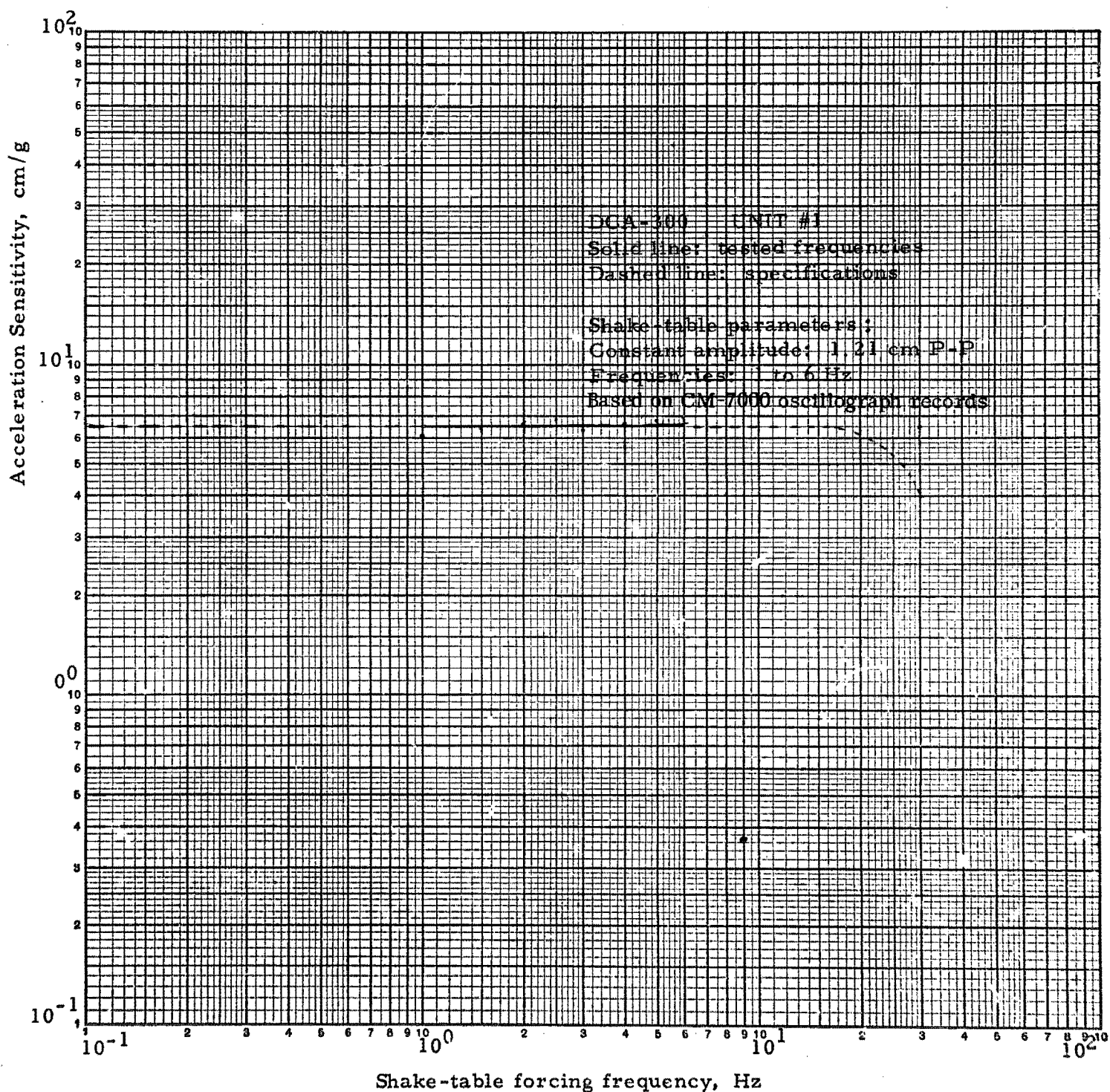


Figure 3. Large-displacement horizontal shake-table calibration acceleration response curve for the DCA-300

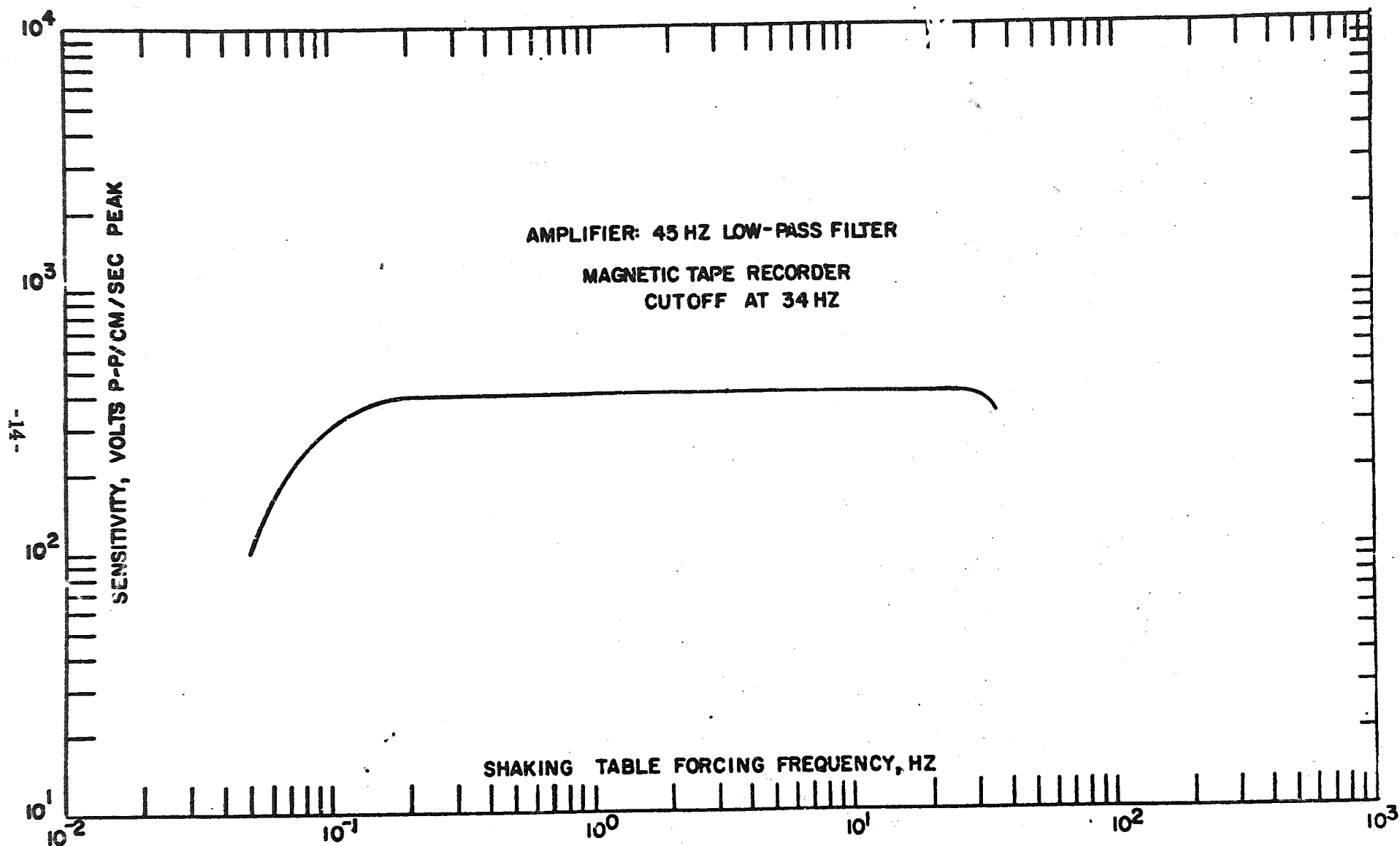


Figure 4 . Normal velocity sensitivity response of L-7 seismograph at 36 dB.

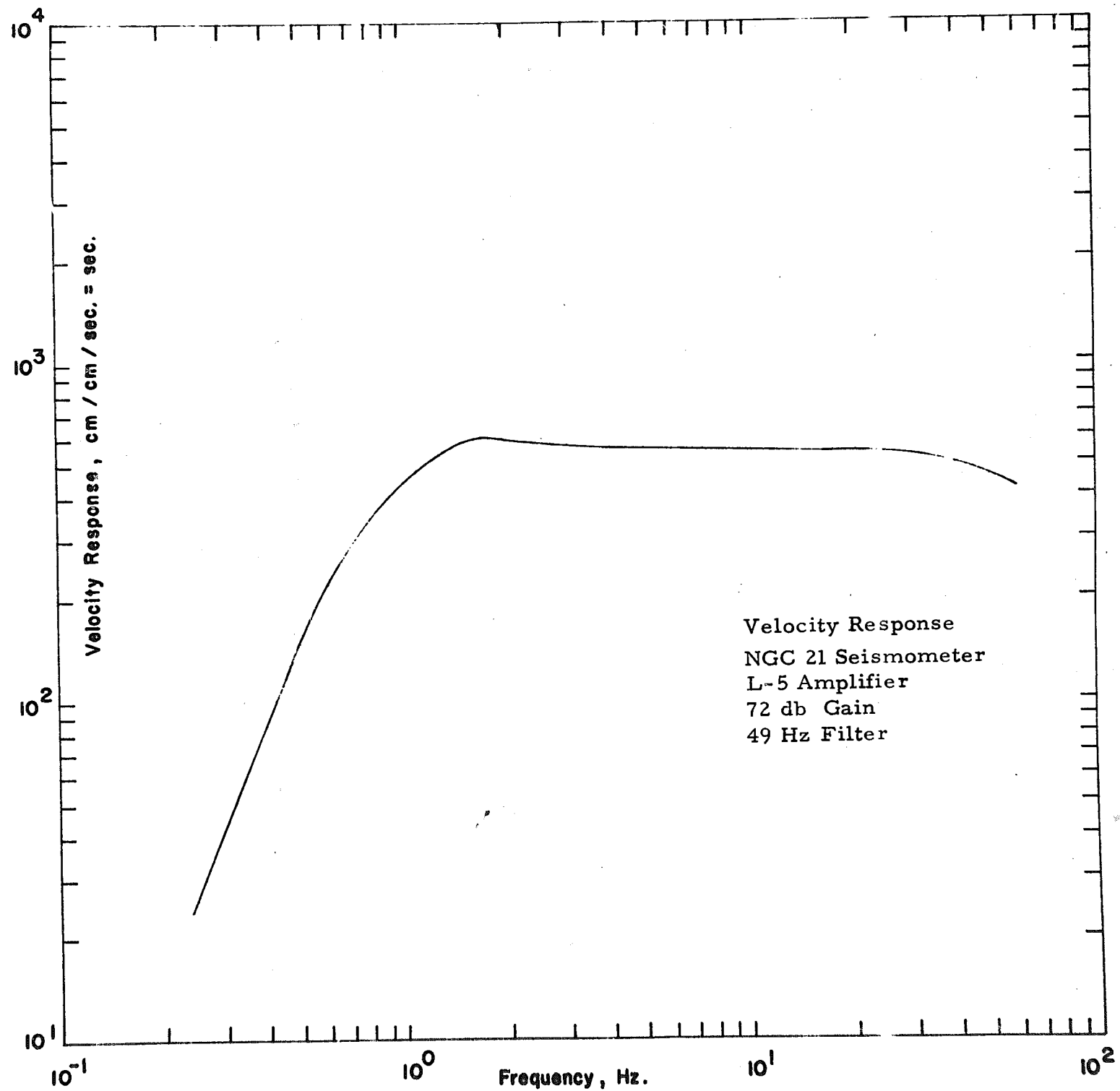


Figure 5. NGC 21 velocity response curve

Table 1. Seismograph Characteristics

Type of Seismograph	System Power	Seismometer	Suspended Mass	Generator Constant	Limits of Mass Travel (P-P)	Seismometer Natural Frequency	Internal Damping (damping ratio or % critical)	Transducer Type	Calibration Actuator or Method	System Dynamic Range	Frequency Range for Flat Response
	(volts)		(Kg)	(units as given)	(mm)	(Hz)					(Hz)
Bison signal enhancement seismograph (portable refraction system)	6	1570B	Unknown	Unknown	Unknown	12?	70%	High output geophone	Sweep-time test	0-1 gain	DC-100?
Coast & Geodetic Survey (C&GS) accelerograph	12	C&GS	Unifilar inertia mass (vane)	-	Limited by recorder paper width	6-50	10/1	Torsion optical mechanical accelerometer	Free period & damping tests conducted in laboratory & in the field	1-70 cm/g	5-50
		Carder displacement meter	Vertical - small disc mounted on jeweled spindles	-	Limited by recorder paper width	0.4	10/1	Optical mechanical displacement meter	Gravity period tests conducted in the laboratory	1	0.4 - 100
		Carder displacement meter	Horizontal compound inverted pendulum	-	Limited by recorder paper width	0.25 - 1.0	10/1	Optical mechanical displacement meter	Gravity period tests conducted in the laboratory	1-10	0.3 - 100
Consolidated electro-dynamic strain gauge	28	CEC type 4-202-0012 unbonded accelerometer	0.043	1 v/g	10 ⁻⁵	300	70%+ 10%	Spring type sensing element	Resistor or 90% tilt test	± 5g	0.5 - 300

Table 1. Seismograph Characteristics

Type of Seismograph	System Power	Seismometer	Suspended Mass	Generator Constant	Limits of Mass Travel (P-P)	Seismometer Natural Frequency	Internal Damping (damping ratio or % critical)	Transducer Type	Calibration Actuator or Method	System Dynamic Range	Frequency Range for Flat Response
	(volts)		(Kg)	(units as given)	(mm)	(Hz)					(Hz)
Digital cassette accelerograph (DCA-300)	6	SA-101	Not provided by manufacturer	10 v/g	Less than 1 gram	40	70% fluid damped	Flexure suspended	External voltage calibration capabilities	72 dB 0.00025 cm/sec -50 cm/sec	0.2 - 20
Digital cassette seismograph (DCS-301)	6	SA-101	Not provided by manufacturer	10 v/g	Less than 1 gram	40	70% fluid damped	Flexure suspended	External voltage calibration capabilities and 90% flip test	72 dB (10 ⁻⁶ g-1g)	DC-30
Electro-Tech long and short period	12	EV-300	Vertical - 0.1 zero length spring Horizontal swing-gate hinge	-	12	0.2	Critical	Air-core differential transformer	Manufacturer and shake table	10 ² -10 ⁴	Peaks at free period
Electro-Tech short period	12	EV-301	Vertical - 0.1 zero length spring Horizontal - swing-gate hinge	-	12	0.2	Critical	Air-core differential transformer	Manufacturer and shake table	1-100	0.1 - 0.5
Geo-Tech Benioff	AC	Benioff Models 4681 (vertical)& 6102 (horizontal)	14.3	~ 1.4 Newtons/ampere	3	1.0	17/1	Moving mass variable reluctance displacement meter	Shake-table and weight lift	5-10 ⁶	Peaks between 2-3 secs

Table 1. Seismograph Characteristics

Type of Seismograph	System Power	Seismometer	Suspended Mass	Generator Constant	Limits of Mass Travel (P-P)	Seismometer Natural Frequency	Internal Damping (damping ratio or % critical)	Transducer Type	Calibration Actuator or Method	System Dynamic Range	Frequency Range for Flat Response
	(volts)		(Kg)	(units as given)	(mm)	(Hz)					(Hz)
GT-2A (portable refraction system)	12	GT-2	Not provided by manufacturer	Not provided by manufacturer	Not provided by manufacturer	Not provided by manufacturer	70%	12 geophones	Operation tests	Not provided by manufacturer	DC-100 ?
L-1 Three directional (downhole) seismograph (L-1-3DS)	12	L-1	0.060	1.97 v/cm/sec	0.16	4.5	Critical	Moving coil	Amplifier calibrator	102 dB	0.3 - 40
L-7 Velocity system (SCATT-1)	12	L-7	0.267	11.5 v/cm/sec	0.95	1.875	10X critical	Moving coil	Internal system calibrator	120 dB (10^{-4} cm/sec 10^2 cm/sec)	0.1 - 100
18 National Geophysical Company (NGC -21) velocity seismograph	AC	NGC-21	12	2.89 v/cm/sec	12.7	1.0	65%	Moving magnet-fixed coil velocity meter	EM or shake table	120 dB	1 - 100
Q-flex Accelerometer system	+28	QA-116-16	Unknown	1v/g	Not provided by manufacturer	1000	70%	Torque-balance mechanism (Eyestone-Wilson)	Voltage substitution method or 90% tilt test	$\pm 1g$	DC-250

Table 1. Seismograph Characteristics

Type of Seismograph	System Power	Seismometer	Suspended Mass	Generator Constant	Limits of Mass Travel (P-P)	Seismometer Natural Frequency	Internal Damping (damping ratio or % critical)	Transducer Type	Calibration Actuator or Method	System Dynamic Range	Frequency Range for Flat Response
	(volts)		(Kg)	(units as given)	(mm)	(Hz)					(Hz)
Sprengnether blast and vibration (Blastmeter) seismograph	6	Sprengnether	Vertical - spring supported Horizontal - inverted pendulum	Not provided by manufacturer	Limited by recorder	0.67	55%	Inverted pendulum and spring supported displacement meter	Shake table	10	1-15
Statham accelerometer	+28	Statham	Not provided by manufacturer	1v/g	Not provided by manufacturer	1000	70%	Forced balance	90° tilt test	$\pm 1g$	0.5 - 300

Table 2.

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OFFSITE PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Abeytas	Nov 5, 1970	150000	35
Ajo	Jan 30, 1970	170000	35
Agile	Feb 23, 1967	185000	36
Algodones	Aug 18, 1971	140000	36
Almendro	Jun 6, 1973	130000	37
Alva	Aug 19, 1964	160000	38
Apex HE	Dec 13, 1974	2330	38
Arabis	Mar 6, 1970	150000	39
Arnica	Jun 26, 1970	140000	39
Artesia	Dec 16, 1970	160000	39
Auk	Oct 2, 1964	200300	39A
Baneberry	Dec 18, 1970	153000	39A
Barsac	Mar 20, 1969	181200	39A
Beebalm	May 1, 1970	141300	39A
Benham	Dec 19, 1968	163838	40
Bernal	Nov 28, 1973	153000	42
Bilby *	Sept 13, 1963	170000	42
Blenton	Apr 30, 1969	170000	43
Bordeaux	Aug 18, 1967	201230	43

Table 2.

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OFFSITE PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Bourbon	Jan 20, 1967	174004	44
Boxcar	Apr 26, 1968	150000	44
Bronze	Jul 23, 1965	170000	46
Buff	Dec 16, 1965	191500	46
Buggy -1	Mar 12, 1968	170400	47
Butco	May 12, 1965	181500	47
Bye	Jul 16, 1964	131500	48
Cabrillo	Mar 7, 1975	150000	48
Cabriolet	Jan 26, 1968	160000	49
Calabash	Oct 29, 1969	220151	49
Cambric	May 14, 1965	145200	50
Camembert	Jun 26, 1975	123000	51
Can	Apr 21, 1970	150000	52
Cannikin, AK	Nov 6, 1971	220000	52
Canvasback	Aug 22, 1964	221700	52
Carpetbag	Dec 17, 1970	160500	52
Cashmere	Feb 4, 1965	153000	5
Cathay	Oct 8, 1971	143000	53
Chaenactis	Dec 14, 1971	210959	54

Table 2

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OFFSITE PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Charcoal	Sep 10, 1965	171200	54
Chartreuse	May 6, 1966	150000	55
Chateaugay	Jun 28, 1968	122200	56
Cheshire	Feb 14, 1976	113000	57
Chiberta	Dec 20, 1975	200000	58
Chocolate	Apr 21, 1967	150900	58
Cist - 9	Feb 7, 1974	180000	59
Clarksmobile	May 17, 1968	130000	59
Clearwater *	Oct 16, 1963	170000	59
Clymer	Mar 12, 1966	180413	60
Cobbler	Nov 8, 1967	150000	60
Coffer	Mar 21, 1969	143000	60
Colby	Mar 14, 1976	123000	61
Commodore	May 20, 1967	150000	62
Corduroy	Dec 3, 1965	151302	62
Cormorant	Jul 17, 1964	171830	63
Cornice	May 15, 1970	143000	63
Cream	Dec 16, 1970	160000	63
Crepe	Dec 5, 1964	211500	63
Crew	Nov 4, 1968	151500	64

Table 2.

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OFFSITE PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Cruet	Oct 29, 1969	193004	64
Cumarin	Feb 25, 1970	142838	65
Cup	Mar 26, 1965	153408	65
Cyathus	Mar 6, 1970	142401	65
Cyclamen	May 5, 1966	140000	66
Cypress	Feb 12, 1969	161820	66
Daiquiri	Sept 23, 1966	180000	66
Delphinium	Sept 26, 1972	143000	66
Derringer	Sept 12, 1966	153000	67
Diagonal Line	Nov 24, 1971	201500	67
Diamond Sculls	Jul 20, 1972	171600	67
Diana Mist	Feb 11, 1970	191500	68
Diana Moon	Aug 27, 1968	163000	68
Dido Queen	Jun 5, 1973	170000	68
Diesel Train	Dec 5, 1969	170000	68
Diluted Waters	June 16, 1965	163000	68
Dining Car	Apr 5, 1975	194500	69
Diode Tube, MS	Feb 2, 1969	135140	69
Dip #3, NM	May 20, 1972	170000	69

Table 2.

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OFFSITE PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Discus Thrower	May 27, 1966	200000	69
Disk Hist, CO	Dec 5, 1973	180000	69
Door Mist	Aug 31, 1967	163000	70
Dorsai Fin	Feb 29, 1968	170830	70
Double Play	Jun 15, 1966	182800	70
Dovekie	Jan 21, 1966	182800	70
Dribble Series , MS	1961 - 1963	Working hours	70-75
Dub	Jun 30, 1964	133300	75
Dugout	Jun 24, 1964	150600	75
Dumont	May 19, 1966	135628	76
Duryea	Apr 14, 1966	141343	77
Edam	Apr 24, 1975	141000	77
Effendi	Apr 27, 1967	144500	78
Elkhart	Sep 17, 1965	150823	78
Embudo	June 16, 1971	145000	78
Emerson	Dec 16, 1965	153918	78
EQ - Hiko, NV	Dec 8 and 9, 1971	152346 and 171752	79
EQ - Hilo, HI	Nov 29, 1976	144740	79
EQ - Managua, Nicaragua	Dec 23, 1972	062943	79

Table 2

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OFFSITE PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
EQ - Pocatello, ID	Mar 28, 1975	023106	79
EQ - Prescott, AZ	Feb 4, 1976	000457	79
EQ - Ranger Mtn. , NV	Feb 9, 1973	231034	80
EQ - San Fernando, CA	See San Fernando		138
EQ - McMinnville, TN	Nov 30, 1973	074841	80
EQ - Yellowstone, WY	Jun 30, 1975	185413	80
Escabosa	Jul 10, 1974	160000	81
Esrom	Feb 4, 1976	144000	81
Estuary	Mar 9, 1976	140000	82
Fade	Jun 25, 1964	133000	82
Faultless	Jan 19, 1968	181507	83
Finfoot	Mar 7, 1966	184100	84
Flask	May 26, 1970	160000	84
Flax	Dec 21, 1972	201500	85
Fob	Jan 23, 1970	163000	86
Fontina	Feb 12, 1976	144500	86
Forced vibrations (different structures)	1965 - 1976	Working hours	87
Forest	Oct 31, 1964	160458	88
Gasbuggy, NM	Dec 10, 1967	193000	88

Table 2

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OFFSITE PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1969 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Gnome, NM	Dec 10, 1961	190000	88
Grape A	Dec 17, 1969	170000	89
Grape B	Feb 4, 1970	170000	89
Greely	Dec 20, 1966	153000	90
Greys *	Nov 22, 1963	173000	92
Guanay	Sept 4, 1964	181500	92
Haddock	Aug 28, 1964	170600	92
Halfbeak	Jun 30, 1966	121500	92
Handcar	Nov 5, 1964	150000	93
Handley	Mar 26, 1970	190000	94
Harebell	Jun 24, 1971	140000	95
Hod	May 1, 1970	154000	96
Hudson Moon	May 26, 1970	151600	96
Hudson Seal	Sept 24, 1968	170500	97
Husky Ace	Oct 12, 1973	170000	97
Husky Pup	Oct 24, 1975	171126	97
Hutch	Jul 16, 1969	155500	97
Ildrim	July 16, 1969	140230	97
Inlet	Nov 20, 1975	150000	98

Table 2.

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OTHER PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Jal	Mar 19, 1970	140300	98
Jorum	Sept 16, 1969	143000	99
Juniper Mine, ID	May 15 - Oct 17, 1974	0212 - 1900	100
Kankakee	June 15, 1966	180247	101
Kasseri	Oct. 28, 1975	133000	101
Keelson	Feb 4, 1976	142000	102
Kestrel	Apr 5, 1965	210000	103
Knickerbocker	May 26, 1967	150001	103
Knife A	Sept 12, 1968	140000	104
Knife B	Nov 15, 1968	154500	104
Knife C	Oct 3, 1968	142900	104
Knox	Feb 21, 1968	153000	104
Labis	Feb 5, 1970	150000	105
Laguna	Jun 23, 1971	153000	106
Lampblack	Jan 18, 1966	183500	106
Lanpher	Oct 18, 1967	143000	107
Latir	Feb 27, 1974	170000	108
Leyden	Nov 26, 1975	153000	108
Lime	Apr 1, 1966	184000	108

Table 2. DATE AND TIME OF ANNOUNCED
 NTS EVENTS AND OTHER PROJECTS
 FOR WHICH SEISMIC RECORDS ARE AVAILABLE
 1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Longchamps	Apr 19, 1972	163200	109
Long Shot, AK.	Oct 29, 1965	210000	109
Lovage	Dec 17, 1969	151500	109
Luling, TX, HE	Feb 4, 1976	170000	109
Manzanas	May 21, 1970	150000	109
Marsh	Sept 6, 1975	170000	110
Mast	Jun 19, 1975	130000	110
Mauve	Aug 6, 1965	172330	111
Maxwell	Jan 13, 1966	153743	111
Merlin	Feb 16, 1965	173000	111
Mickey	May 10, 1967	134000	111
Middle Gust IV, CO	Jun 22, 1972	200000	112
Middle Gust V, CO	Aug 10, 1972	170000	112
Midi Mist	Jun 26, 1967	160000	112
Miera	Mar 8, 1973	161000	113
Mighty Epic	Mar 17, 1976	195000	114
Milk Shake	Mar 25, 1968	184427	114
Milrow, AK	Oct 2, 1969	220600	114
Mine Throw	Sept 16, 1971	185000	114

Table 2.

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OTHER PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976.

Event or Project Name	Date	Time (GMT)	Page number in this report
Ming Blade	Jun 19, 1974	170000	114
Ming Vase	Nov 20, 1968	180000	114
Miniata	Jul 8, 1971	140000	115
Minnow	May 15, 1964	161500	115
Mint Leaf	May 5, 1970	163000	115
Mizzen	Jun 3, 1975	144000	116
Monero	May 19, 1972	170000	116
Morrone	May 21, 1970	151500	117
Mudpack	Dec 16, 1964	201000	117
Muenster	Jan 3, 1976	191500	117
Nash	Jan 19, 1967	164500	118
Newark	Sept 29, 1966	144530	119
New Point	Dec 13, 1966	210000	119
Noggin	Sept 6, 1968	140000	119
Noor	Apr 10, 1968	140000	120
Obar	Apr 30, 1975	150000	120
Oscuro	Sept 21, 1972	153000	121
Packard	Jan 15, 1969	190000	122
Palanquin	Apr 14, 1965	131400	122

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OTHER PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE

Event or Project Name	Date	TIME (GMT)	Page number in this report
Par	Oct 9, 1964	140000	122
Pedernal	Sept 29, 1971	140000	122
Petrel	Jun 11, 1965	194500	123
Piccalilli	Nov 21, 1969	145200	123
Pile Driver	Jun 2, 1966	153000	123
Pinedale Hydrofracs, WY	Sep 8 and 12, 1974	Working hours	124
Pin Stripe	Nov 25, 1966	183800	124
Pipkin	Oct 8, 1969	143000	125
Piranha	May 13, 1966	133000	126
Pliers	Aug 27, 1969	134500	126
Pod	Oct 29, 1969	200004	126
Pommard	Mar 14, 1968	151900	127
Pool	Mar 17, 1976	141500	127
Portmanteau	Aug 30, 1974	150000	128
Portulaca	Jun 28, 1973	191512	128
Pre-Gondola, MT	Oct 30, 1968	Working hours	129
Pre-Mine Dust	May 10, 1972	120000	129
Puce	Jun 10, 1966	143000	129
Pull Tests (different structures)	1965 - 1975	Working hours	130

Table 2.

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OTHER PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Purple	Mar 18, 1966	190000	130
Purse	May 7, 1969	144500	130
Puye	Aug 14, 1974	140000	131
Pyro, CA	Mar 18 and 22, 1967	190000	131
Quick Hest 2, MT	Aug 18, 1967	190000	132
Red Hot	Mar 5, 1966	181500	132
Reliable Mine, AZ	Mar 9, 1972	184500	133
Rex	Feb 24, 1966	155507	133
Rickey	Jun 15, 1968	135959	134
Ringtail *	Dec 17, 1961	163500	135
Rio Blanco, CO	May 17, 1973	160000	136
Rivet III	Mar 2, 1967	150000	136
Rulison, CO	Sept 10, 1969	210000	136
Salmon, CO	Oct 22, 1964	160001	138
San Fernando EQ, CA	Feb 9, 1971	140042	138
Saxon	Jul 28, 1966	153330	139
Scaup	May 14, 1965	173236	139
Schooner	Dec 8, 1968	160000	140
Scotch	May 23, 1967	140000	140

Table 2

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OTHER PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page Number in this report
Screamer	Sept 1, 1965	200800	140
Scroll	Apr 23, 1968	170130	140
Sepia	Nov 12, 1965	180000	141
Shaper	Mar 23, 1970	230500	141
Shoal	Oct 26, 1963	170000	141
Shuffle	Apr 18, 1968	140500	142
Sled	Aug 29, 1968	124500	142
Snubber	Apr 21, 1970	143000	143
Spider	Aug 14, 1969	143000	143
Staccato	Jan 19, 1968	150000	143
Stanley	Jul 27, 1967	130000	143
Stanyan	Sept 26, 1974	150500	144
Starwort	Apr 26, 1973	171500	144
Sterling, MS	Dec 3, 1966	121500	145
Sterling HE, MS	Nov 17, 1966	100000	145
Stilton/Hushed Echo	Jun 3, 1975	142000	145
Stinger	Mar 22, 1968	150000	146
Stoddard	Sept 17, 1968	140000	147
Strait	Mar 17, 1976	144500	147

Table 2

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OTHER PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE

Event or Project Name	Date	Time (GMT)	Page number in this report
Stutz	Apr 6, 1966	135717	148
Switch	Jun 22, 1967	131000	148
Tan	Jun 3, 1966	140000	148
Tanya	Jul 30, 1968	130000	149
Tapestry	May 12, 1966	193726	149
Tapper	Jun 12, 1969	150000	149
Tec	May 7, 1965	154711	149
Terrine	Dec 18, 1969	190000	150
Tijeras	Oct 14, 1970	143000	151
Tinderbox	Nov 22, 1968	171900	151
Tiny Tot	Jun 17, 1965	170000	151
Tomato	Apr 7, 1966	222730	151
Topgallant	Feb 28, 1975	151500	152
Torrido	May 27, 1969	151500	152
Traveler	May 4, 1966	133217	152
Tub	Jun 6, 1968	213000	152
Turf	Apr 24, 1964	201000	153
Tweed	May 21, 1965	130852	153
Tybo	May 14, 1975	140000	153

Table 2

DATE AND TIME OF ANNOUNCED
NTS EVENTS AND OTHER PROJECTS
FOR WHICH SEISMIC RECORDS ARE AVAILABLE
1964 - June 1976

Event or Project Name	Date	Time (GMT)	Page number in this report
Tyg	Dec 12, 1968	151000	153
Umber	Jun 29, 1967	112500	154
Vise	Jan 30, 1969	150000	154
Wagtail	Mar 3, 1965	191300	154
Ward	Feb 8, 1967	151500	154
Washer	Aug 10, 1967	141000	154
Wineskin	Jan 15, 1969	193000	155
Wish Bone	Feb 18, 1965	161847	155
Wool	Jan 14, 1965	160000	155
Yannigan	Feb 26, 1970	153037	155
Yard	Sept 7, 1967	134500	155
Zaza	Sept 27, 1967	170000	156
Zinnia	May 17, 1972	141000	157
Zonia Mine, AZ	Apr 19, 1973	165943	158

Note:

EQ: aftershock studies produced by main earthquake .

Events or projects are in Nevada unless otherwise noted.

GMT = PDT + 7 hours or PST + 8 hours .

Working hours: indicate records for several event times are available .

* Record of events before 1963 were recalled from the archives and are stored at Mercury.

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
ABEYTAS	AITS - north-south Beatty CP-1 SE-2 SE-5 SE-3 SE-6 SE-4 Squires Park STATIONS: 799 810 821 800 811 822 801 812 823 802 813 824 803 814 853 804 815 854 805 816 855 806 817 856 807 818 857 808 819 871 809 820	SE-6 Tonopah	Desert Inn Sahara 400	Brush: SE-6 STRAIN GAGE: A3 SRZ Block A3 SRZ Frame
AJO	Area 1 T.S. Center Area 1 T. S. North Area 1 T. S. South CP-1 DOE ETS-2 SE-6	SE-6		Brush: Beatty Van STRAIN GAGE: Area 3 - SR 1-2 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
ALGODONES	AITS - Ground		Bank of Nevada	HELICORDER:
	AITS - North		Caesars Palace	Alamo "B"
	AITS - South		Caesars Palace - New	CP-1
	AITS - 2 story Brick		Desert Inn	CP-3
	AITS - 2 story Frame		Dunes Basement	LSM
	Beatty		Dunes Roof	LVN
	Butler Mountain		First National Bank	MCV
	Christ Church		Four Queens	STRAIN GAGE:
	Convention Center		Fremont	Bank of Nevada
	CP-1		Horseshoe Garage	
	ETS-1		International (Hilton)	
	Frenchman Mountain North		Landmark	
	Golden Nugget		Mint - B-P-R	
	Holiday Inn Hotel		North Las Vegas	
	Holiday Inn F/F		Riviera	
	Las Vegas Stadium		Royal Inn	
	Pahrump Co-op		Sahara 200	
	Pahrump Refraction		Sahara 400	
	Pahrump Resort Site		SE-6	
	SE-6			
	Squires Park			
	Tonopah			
	Union Plaza			
	Union Plaza F/F			
AGILE		Bakersfield	Beatty Exchange	Autoorder: SE-6
		Bekins Storage, Hollywood, CA		EV 300: SE-6
		Fresno		Strain Gage: Area 1
		Friant, CA		
		Kresge Lab., Pasadena, CA		
		SE-6		
		Tonopah		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
ALMENDRO	A19TS		Belvada Hotel	Brush: Beatty
	Alamo		Caesars Palace	LVW
	Beatty		Circus Circus	Helicorder: Beatty
	Clark County Courthouse		Clark County Courthouse	Strain Gage: A19 Block
	City Hall		Dunes Basement	A19 Frame
	CP-1		Dunes Roof	
	Crowell Mine		Exchange Club	
	Echo Peak		First National Bank	
	ETS-1		Fremont	
	Exchange Club		Hilton	
	Fleur De Lis		Holiday Inn	
	Foote Mineral		Landmark	
	Goldfield		Mint - Basement	
	Hilton Hotel		Mint - Roof	
	Holiday Inn, right and left		Riviera 1	
	Howard Johnson		Riviera 2	
	Kingman		Sahara 200	
	Knight Ranch		Sahara 400	
	LVW		Sands	
	MGM		Union Plaza	
	Pahrump			
	Q-24			
	Regency Towers			
	Reno			
	Ruth			
	Salt Lake			
	SE-2 SE-5			
	SE-4 SE-6			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
ALMENDRO (cont'd)	Showboat Squires Park Warm Springs LO-1 LO-2 LO-3 LO-4 LO-5 LO-6 LO-7 LO-8 LO-9 LO-10 STATIONS: 2 413 416 872 873			
ALVA		Sahara 200 Sahara 400	Desert Inn Fremont Sahara	Brush: Las Vegas High School
APEX H. E. 3 tons				DCS-301

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
ARABIS	Doe ETS-2 SE-6	SE-6		
ARNICA	Bank of Nevada ETS-2 Q-24 SE-6			
ARTESIA	AITS Frame AITS North AITS South Alamo Beatty CP-1 SE-1 SE-5 SE-3 SE-6 Squires Park STATIONS: 261 804 813 822 413 805 814 823 676 806 815 824 677 807 816 829 799 808 817 830 800 809 818 843 801 810 819 856 802 811 820 857 803 812 821 Tonopah Twin Springs	Tonopah	Bank of Nevada - Roof Caesars Palace Caesars Palace - New Desert Inn Desert Inn #2 Dunes Basement Dunes Roof First National Bank Four Queens Fremont Goldfield Basement Goldfield 2nd Level Horseshoe International Hotel (Hilton) Landmark Mint Basement Mint Roof Pahrump Co-op Q-24 Sahara 200 Sahara 400 Sands SE-6 Stardust	Strain Gage: SR-2 Block SR-2 Frame SR-4 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
AUK			ETS-1 Station 2	Brush: Las Vegas High School
BANEBERRY	SE-6 Station 261			
BARSAC		SE-6	A1TS - Ground A1TS - North A1TS - South SR-1 SR-2	Strain Gage: SR-2 Frame SR-2 Block
BEEBALM	ETS-2 SE-6	SE-6	A1TS - Ground A1TS - North A1TS - South SR-1 SR-2	Strain Gage: SR-4 SR-5

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
BENHAM	Ash Meadows	Alamo	Alamo	Area 10 So. Pair - Strain Gage dub
	Bakersfield	CP-1	AITS Ground	Beatty Stress Gage Station
	Ely	Dunes	AITS North - South	Copy and Dub
	E MAD	Goldfield	Area 19 North - South	EV-301
	ETS-Dewar	Q-25	Bank of Nevada	ST 484 Stress - Gage - Paper
	ETS-1	SE-6	Beatty Ballpark	
	Kingman	Test Cell C	Belvada - Basement	
	Los Angeles Union Bank		Belvada - 5th	
	Los Angeles Union Bank - Top		Caesars Palace	
	Mint		Clark County Courthouse	
	N 39		Climax Mine	
	N 47		CP-17	
	N 82		Crowell Mine	
	NRDS - 1		Crystal Mine	
	NRDS Admin.		Desert Inn	
	Reno Apartment		Dunes - Basement	
	Sacramento		Dunes - Top	
	Salt Lake City		E MAD	
	Sands		ETS-1	
	SE-2		ETS-2	
	Squires Park		First National Bank	
	STATIONS:		Fleur De Lis	
	2		Fremont	
	413		Hoover Dam - Gallery	
	416		Hoover Dam - Intake	
	462		Hoover Dam - Oil House	
	483		Horseshoe Club	
	T-4		International (Hilton)	
	T-5		Knights Ranch	
	Twin Springs		Landmark	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
Station	Station	Station	Station	
BENHAM (cont'd)			Mint - Basement	
			Mint - Top	
			Mizpah	
			North Las Vegas	
			NRDS - 1	
			NRDS - 2	
			Q-24	
			Riviera	
			Sahara 200	
			Sahara 400	
			Sands	
			SE-6	
			Stardust	
			STATIONS:	
			2	
			463	
			464	
			465	
			Test Cell C	
			Thompson Mine	
			Twin Springs	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
BERNAL	CP-1			Brush: LVW
	SE-6			
	Squires Park			
	STATION:			
	950 953			
	951 954			
	952			
BILBY		E-1	Bldg. 400	
		GZ	M-4 M-17	
		W-1	M-14 M-18	
			M-16	
			SM-1	
			STATIONS:	
			1	
			2-300	
			7-800	
			9-801	
			51.1	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
BLENTON	Alamo Beatty ETS-2 SE-2 SE-4 SE-6 Tonopah Twin Springs	SE-6	AITS - ground AITS - north AITS - south Bank of Nevada Caesars Palace Clark County Courthouse Dunes - basement Dunes - top E-MAD ETS-1 First National Bank Fremont Horseshoe Landmark Tower Mint - basement Mint - top NRDS -1 Sahara 200 Sahara 400 Sands SR-1 SR-2	SR-2 strain gage dub (NTS structures)
BORDEAUX		Eiko Municipal Airport SE-6 Tonopah		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
BOURBON		Hidden Valley Q-24	Bank of Nevada Belvada - Basement Belvada - 5th Clark County Courthouse CP-1 Desert Inn Dunes ETS-1 First National Bank Fremont Horseshoe Mint - Basement Mint - Top North Las Vegas NRDS 1 Ramona Riviera Sahara 200 Sahara 400 Sands STA 2 Stardust Twin Springs	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
BOXCAR	Alamo	CP-1	Alamo	AITS strain gage dub
	Austin	Dunes	AITS	Area 19 north pair - strain gage dub
	Beatty	Goldfield	Ash Meadows	Area 19 south pair - strain gage dub
	Frenchman Mountain	Mint	Bank of Nevada	Area 19 north -single-strain gage dub
	Fresno	NRDS - E-MAD	Beatty Ballpark	Helicorder records for:
	Lathrop Wells	Q-25	Belvada - 5th	SE-6, CP-1, and Tonopah
	Liberty Park	Reno	Caesars Palace	
	Los Angeles Union Bank	SE-6	Clark County Courthouse	2 10" Tapes with special stations,
	NRDS Admin	Tonopah	Climax Mine	called special dubs.
	Ogden		CP-1	
	Pahrump		CP-17	
	Pioche		Desert Inn	
	Reno		Dunes	
	Sacramento		E-MAD	
	San Francisco		ETS-2	
	SE-2		Exchange Club	
	SE-4		First National Bank	
	SE-6		Fleur De Lis	
	Squires Park		Fremont	
	STATIONS:		Goldfield - Bottom	
	601 604		Goldfield - Top	
	602 605		Hoover Dam - Gallery	
	603 606		Hoover Dam - Intake	
	T-4		Hoover Dam - Oil House	
	T-5		Horseshoe	
	Tonopah		Knights Ranch	
	Twin Springs		Landmark	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
BOXCAR (cont'd)			Mint - Bottom Mint - Top Mizpah North Las Vegas NRDS -1 Q-24 Ramona Riviera Sahara 200 Sahara 400 Sands SE-6 Stardust STATIONS: 2 463 465 413 464	
BRONZE		Area 400 - Admin. Bldg. Dunes Dunes Ground Mint SE-2 SE-3 SE-4 SE-5 SE-6	Alamo Climax Mine - Inside Climax Mine - Outside CP-1 Desert Inn Dunes ETS-1 Fremont Mercury Mint NRDS-1	Autocorder: SE-6, NLV EV-300: SE-6 EV301: SE-4, SE-5 Stations: 1D, 2D, 3D

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
BRONZE (cont'd)			Sahara 200 Sahara 400 STATIONS: 3D 5D 4D 2 7 Thompson Mine - Inside Thompson Mine - Outside	
BUFF		Area 400 Beatty Ball Park Clark County Courthouse Q-25 Sahara 200 Sahara 400 SE-2 SE-5 SE-3 SE-6 SE-4	Alamo Beatty #1 CP-1 Desert Inn Dunes Fremont Landmark Mercury Mint NRDS-1 Sahara 200 STATIONS: 2 7 4D 5D 4G 5G Tonopah	Autocorder: SE-6 EV-300: SE-4 SE-5 SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
BUGGY - 1	Alamo Beatty CP-1 SE-2 SE-4 SE-6 STATIONS 441 454 443 456 447 458 449 459 450 461 453 Tonopah	Alamo CP-1 SE-6 Tonopah		
BUTEO		Dunes	B-1 B-4 Climax Mine Climax Mine - Outside CP-1 CP-17 Dunes ETS-1 Landmark NRDS-1 P-1 P-3 P-2 P-4 Sahara 400 Station 2 Thompson Mine - In Thompson Mine - Top	EV301: SE-2 Se-4 SE-6 Autocorder Statham Strain Gages: A-4 P-4 P-3 P-5 Station U19B Rig.

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
BYE		A-5X C-4 C-5 ESTS-1 Q-6X Sahara 400 SE-6	A-1X C-1X C-2 ETS-1 Fremont Sahara STA-2 STA-1X	Autocorder: SE-6
CABRILLO	California Club Circle Park Circus Circus Country Club Towers Jockey Club LVW SE-6 - UNLV Squires Park Tropicana, S. W. UNLV Chemistry Bldg. UNLV/EPA USGS Office		Bank of Nevada First National Bank	DCS-301: USGS Shop

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CABRIOLET	CP-1	Alamo	CP-1	
	SE-1	Beatty	ETS #1	
	SE-5	Q-25	NRDS #1	
	SE-6	SE-6	Q-24	
		Tonopah	Q-25	
			STATIONS:	
			P-3 P-9	
			P-4 P-10	
			P-5 4-PX	
			P-6 5-XP	
			P-7 284	
			P-8	
-19- CALABASH	Alamo	SE-6	Bank of Nevada	
	Beatty	Tonopah	Belvada Basement	
	CP-1		Belvada 5th	
	Dunes		Caesars Palace	
	ETS-2		Clark County Courthouse	
	Mint		Desert Inn	
	Q-25		Dunes Basement	
	Sahara 400		Dunes Roof	
	SE-1 SE-4		First National Bank	
	SE-2 SE-5		Four Queens	
	SE-3 SE-6		Holiday Inn	
	Squires Park		Horseshoe	
	STATIONS:		Johnson Residence	
	416 749 754		Landmark	
	454 750 755		Mint Basement	
	746 751 756		Mint Roof	
	747 752 757			
	748 753			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CALABASH (cont'd)			Mizpah North Las Vegas Q-24 Riviera Sahara 200 Sahara 400 Sands SE-6 SR-4 SR-5 SR-6 Stardust	
CAMBRIC		Dunes ETS-1 Mint Riviera SE-3 SE-6	CP-1 Dunes ETS-1 ETS-2 Mercury NRDS-1 Sahara 400	Autocorder: NLV SE-6 EV:300: SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CAMEMBERT	Alamo		Airport Marina	DCS-301
	Bank of Nevada		Bank of Nevada	USGS Shop
	Beatty		Caesars Palace #1	
	California Hotel		Caesars Palace #2	
	Cambridge		Caesars Palace #3	
	Circle Park		Carriage House	
	Circus Circus		Desert Inn	
	City Hall		Dunes	
	Clark County Courthouse		First National Bank	
	Ccmpton Airport		Four Queens	
	Compton F.S.I.		Jockey Club East	
	Convent		Jockey Club West	
	Country Club Towers		Landmark	
	Dunes		Mint - Penthouse	
	Eastern Orthodox Church		Mint - Pool	
	First National Bank		Regency	
	Fremont		Riviera #1	
	F.S.I.		Riviera #2	
	F.S.B.		Sahara 200	
	F.S. 122		Sahara 400	
	Hilton		Sands	
	Holiday Inn		Showboat	
	Howard Johnsons		Stardust	
	Kresge Lab		Union Plaza	
	La Concha		Valley Bank	
	LVW		Vegas Towers East	
	Mark I Apts.		Vegas Towers West	
	MGM			
	NLV Air Terminal			
	NLV Church			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
-54- CAMEMBERT (Cont'd)	Pahrump			
	Pasadena			
	Royal Inn			
	Salt Lake City Airport			
	Salt Lake City GC-1			
	San #3 (Santa Fe Fire Sta. #3)			
	SE-6			
	Showboat			
	Squires Park			
	Tonapah Church			
	Tonopah Motel			
	Twin Springs			
	USGS Shop			
	Wimbledon			
CAN	Doe ETS-2	SE-6	AITS Ground AITS South SR-1	Brush: CP-1 DAC LEE TPH
CANNIKIN	ACA/ACP M-01 C. Harbor M-02 LASL M-03 N. Hanger M-04 Sandia M-05 ASB M-06 ASD		AK-1 AK-2	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CANNIKIN(cont'd)	M-07 M-31 M-08 Shemya M-09 ADAK M-10 NWCP Q-Flex (ANA, SSI, RAT) SE-5 1st Level SE-6 3rd Level			
CANVASEACK		Sahara 200 Sahara 400	Desert Inn Fremont Las Vegas High Sahara STA 2	EV-300 Las Vegas High School
CARPETBAG	AITS - North AITS - South AITS - 2 Story Frame Alamo Beatty CP-1 SE-1 SE-2 SE-3 SE-5 SE-6 Squires Park Tonopah	Tonopah	Bank of Nevada Roof Caesar's Palace Caesar's Palace - New Desert Inn Desert Inn #2 Dunes Basement Dunes Roof First National Bank Four Queens Fremont Goldfield - 2nd Level Horseshoe Garage International(Hilton) Landmark	Strain Gage: SR-2 Block SR-2 Frame SR-4 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CARPETBAG (Cont'd)	Twin Springs		Mint Basement	
	STATIONS:		Mint Roof	
	261 807 818		Goldfield Basement	
	413 808 819		North Las Vegas	
	677 809 820		Pahrump Co-op	
	679 810 821		Q-24	
	799 811 822		Sahara 200	
	800 812 823		Sahara 400	
	801 813 824		Sands	
	802 814 829		SE-6	
	803 815 830		Stardust	
	804 816 843			
	805 817 856			
	806 857			
CASHMERE		Fremont Landmark SE-3 SE-5 SE-6		EV-300: SE-6 Autocorder: SE-6
CATHAY	AITs - S AITs - S/SE corner AITs - STA.A AITs - Ground AITs - North Roof AITs - South Roof		Desert Inn Mint Basement Mint Pool Mint Roof	Brush: SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CATHAY (cont'd)	AI-4STS- South Beatty Butler Mountain CPX ETS-1 New Holiday Inn F/F New Holiday Inn Ground New Holiday Inn Roof Q-24 SE-6 Squires Park Tonopah			
CHAENACTIS	AITS 2 Story Brick AITS 2 Story Frame AITS 4 Story South AITS Ground Beatty CPX Dunes ETS-1 First National Bank Holiday Inn Ground Holiday Inn Roof Mint SE-6 Squires Park STA: 1404 So. 16th			Strain Gages SR-2 Block SR-2 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CHARCOAL		Clark County Courthouse E-MAD First National Bank LVW SE-6 West Charleston	Alamo Beatty CP-1 Climax Mine - Inside Climax Mine - Outside ETS-1 Landmark Mercury NRDS-1 Sahara 200 STA 2	Autocorder: NLV, SE-6 EV300: SE-6 EV301: LVW
CHARTREUSE		Bldg. 751, Mercury Caesars Palace Q-24 Sands SE-2 SE-4 SE-5 SE-6 Squires Park Tonopah	Alamo Beatty Ballpark Beatty #3 Caesars Palace Clark County Courthouse Climax CP-1 CP-17 Desert Inn Dunes First National Bank Fremont HR-1 Mint Q-25 Riviera	AITS - s/g - dub Area 19, Pahute Mesa s/a North Las Vegas Autocorder EV300: SE-6 EV301: SE-4 SE-5 Autocorder: SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CHARTREUSE (cont'd)			Sahara 200 Sahara 400 Sands SE-6 STATION: 2 7-G 291 T-3 298 T-5 Thompson Mine Tonopah U 12N Tunnel U 16A	
CHATEAUGAY	Alamo Belvada Hotel C&GS Compound CP-1 Desert Inn Dunes - Bottom Dunes - Top ETS-2 E-MAD International (Hilton) KO Knudson School Las Vegas 1 - 8 East Las Vegas 1 - 8 West Pahute Tonopah	Q-25 SE-6 Tonopah	AITS Alamo Bank of Nevada Beatty Ballpark Belvada Hotel Basement Belvada Hotel 5th Caesars Palace Clark County Courthouse Climax Mine CP-1 CP-17 Desert Inn Dunes EMAD ETS-2 First National Bank	Strain Gage Area 19 N. P. Area 19 S. P.

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CHATEAUGAY			Fremont Goldfield - Basement Goldfield - Top Horseshoe Garage Landmark Mint - Basement Mint - Roof Mizpah NRDS - 1 North Las Vegas Q-24 Ramona Riviera Sands Sahara 200 Sahara 400 SE-6 Stardust STATIONS 1 2 413	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CHESHIRE	Alamo		Airport Marina	DCS301: Aladdin - West
	Balsam		Bank of Nevada	California Hotel
	Beatty		Caesars Palace #1	Mark I - Ground
	California Hotel		Caesars Palace #2	Station 809
	Cambridge		Carriage House	Tonopah - St. Marks
	Circus Circus		Dunes Hotel	Tonopah - Silver Queen
	City Hall		First National Bank	U19P
	Clark County Courthouse		Four Queens Hotel	
	Country Club Towers		Jockey Club East	
	Dunes		Jockey Club West	
	Eastern Orthodox Church		Landmark Hotel	
	First National Bank		Mint Hotel - Pool	
	Fremont		Mint Hotel - Roof	
	Hilton #1		Regency Towers	
	Hilton #2		Riviera #1	
	Holiday Inn		Riviera #2	
	La Concha		Sahara 200	
	LVW		Sahara 400	
	Los Angeles Stations:		Union Plaza	
	Pacoima Memorial Hospital		Valley Bank	
	Pacoima Dam		Vegas Towers East	
	Mission Hills Post Office		Vegas Towers West	
	Sylmar High School			
	Golden Gate Freeway/Foothill Blvd.			
	Marie Antoinette			
	Mark I			
	MGM			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CHESHIRE (cont'd)	North Las Vegas Air Terminal			
	Pahrump			
	Paradise			
	Pasadena Seismic Lab			
	Regency - Ground			
	Riviera			
	Royal Inn			
	SE-6			
	Squires Park			
	Tonopah Church			
CHIBERTA	Tonopah Motel			
	Twin Springs			
	Wimbledon			
	Cambridge		First National Bank	DCS 301: Aladdin - 2 units
	Circle Park		Jockey Club East	USGS Shop
	Circus Circus		Jockey Club West	
	City Hall			
	Country Club Towers			
	Eastern Orthodox Church			
	Holiday Inn			
	LVW			
	Los Angeles Stations:			
	1 13			
	2 14			
	3 18			
	6			
	Marie Antoinette			
	Mark I Ground			
	Regency Towers Ground			
	SE-6			
	Station 809			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CHOCOLATE		Edwards Air Force Base SE-6 STATIONS: 2 601 602 603 604 605 606 Tonopah	NRDS-1	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CIST-9	30 meters 50 meters 75 meters 100 meters 200 meters			
CLARKSMOBILE	Alamo Ash Meadows Booker Mountain Butler Mountain Butte Mountain E-MAD N-233 NRDS - Admin. N.W. 1 N.W. 5 N.W. 2 N.W. 6 N.W. 4 Oddie Mountain Red Mountain SE-2 SE-4 SE-6 Silver Peak Thunder Mountain Tonopah Fire Station Tonopah - Kelley Gas Tonopah - West Station	Area 1 CP-1 Goldfield Q-25 SE-6 Tonopah	T-Cell - C	Area 1 - s/g dub

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CLEARWATER		LRL Building Van 311	SR-3 SR-4 SR-5	
CLYMER		Fantasy Park Q-25 SE-5 SE-6 Squires Park 3rd & Hoover, Las Vegas	Beatty #2 CP-1 Desert Inn Dunes Fremont Mercury Mint NRDS-1 Ramona Sahara 200 Sahara 400 Station 2 Tonopah	Autocorder: NLV SE-6 EV-300: SE-6
COBBLER		SE-6 Tonopah		
COFFER	ETS KC-1 KC-2 KC-3 KC-4 LC-1 LC-2 SE-6	SE-6	AITS North AITS South AITS Ground SR-2	Strain Gage: SR-1 Block SR-1 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
COLBY	Aladdin		Airport Marina	DCS-301: Brewer Residence
	California Hotel		Bank of Nevada	CP-95
	Circus Circus		Caesars Palace #1	Mark I
	City Hall		Caesars Palace #2	Marie Antoinette
	Clark County Courthouse		Caesars Palace #3	Valley Bank
	Country Club Towers		Carriage House	
	Dunes		Desert Inn	
	Eastern Orthodox Church		Dunes Hotel	
	First National Bank		First National Bank	
	Fremont		Four Queens Hotel	
	Hilton #1 & 2		Jockey Club - East	
	Holiday Inn		Jockey Club - West	
	La Concha		Landmark Tower	
	Los Angeles Stations:		Mint Hotel - Pool	
	1 7		Mint Hotel - Roof	
	2 8		Regency Towers	
	3 9		Riviera #1	
	5 10		Riviera #2	
	Mark I		Sahara 200	
	MGM		Sahara 400	
	Paradise		Sands Hotel	
	Riviera		Stardust	
	Royal Inn		Union Plaza	
	Wimbledon		Valley Bank	
			Vegas Towers - East	
			Vegas Towers - West	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
COMMODEORE		Alamo	Alamo	Autocorder: SE-6
		Beatty	AITS	Blastmeters:
		Bishop, CA	Climax Mine	Las Vegas Federal Bldg. Basement
		E-MAD	CP-17	Las Vegas Federal Bldg. Top
		Eureka Stations:	ESTS-1	USGS Shop
		2 8	Horseshoe	EV-300: SE-6
		7 9	NRDS-2	EV-301: SE-2
		Landmark	Q-24	
		NRDS	Sahara 200	
		Q-24	SE-2	
		Sahara 200	SE-6	
		SE-2	Stations:	
		SE-6	1-B	
		Squires Park	413	
		Tonopah	Squires Park	
			Tonopah	
CORDUROY		First National Bank	CP-1	Autocorders: Bishop, CA
		NW Las Vegas	Climax Mine - Inside	Boulder City, NV
		Q-25	Climax Mine - Outside	NLV
		Sahara	Landmark	SE-6
		SE-2 SE-5	Mint	EV-301 SE-4
		SE-3 SE-6	Q-25	SE-5
		SE-4	Sedan Crater	SE-6
			STATIONS:	Stathams: Stations:
			2 HR-1	1G
			7 HR-2	2G
			4G HR-3	3G
			5G HR-4	
			6G HR-5	
			7G	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CORMORANT		ETS-1 Sahara 200 Sahara 400	Desert Inn ETS-1 Fremont Sahara	
CORNICE	Alamo ETS-2 SE-1 SE-4 SE-2 SE-5 SE-3 SE-6 Squires Park STATIONS: 413 829 830	Tonopah	AITs - north AITs - south Caesars Palace First National Bank Landmark SR-1 SR-4 SR-2 SR-5	Strain Gage: SR-1 SR-4 SR-2 SR-5
CREAM	AITs - North AITs - South AITs - 2 Story Frame Alamo Beatty CP-1 SE-1 SE-5 SE-2 SE-6 SE-3 Squires Park	Tonopah	Bank of Nevada - Roof Caesars Palace Caesars Palace - New Desert Inn Desert Inn #2 Dunes - Basement Dunes - Roof First National Bank Four Queens Fremont	Strain Gage: SR-2 Frame SR-2 Block SR-4 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS				NGC-21 TAPE AND/OR 10" PAPER RECORDS		STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS		MISCELLANEOUS RECORDS
	Station				Station		Station		Station
CREAM (cont'd)	STATIONS:						Goldfield Basement		
	261	804	813	821			Goldfield 2nd Level		
	413	805	814	822			International(Hilton)		
	677	806	815	823			Landmark		
	679	807	816	824			Mint Basement		
	799	808	817	829			Mint Roof		
	800	809	818	830			North Las Vegas		
	801	810	819	843			Pahrump		
	802	811	820	856			Q-24		
	803	812		857			Sahara 200		
	Tonopah						Sahara 400		
	Twin Springs						Sands		
							SE-6		
							Stardust		
CREPE					E MAD		CP-1		Autocorder: NSU
					ETS-1		Desert Inn		EV-300 : NSU
					Sahara 200		DOD		
					Sahara 400		Fremont		
							Sahara		
CREW							STA-2		
	MT-2				SE-6		A1TS Ground		
	N-39						A1TS North		
	N-47						A1TS South		
	N-82								
	Twin Springs								

Table 3. Seismic Record Summary
October 1963 thru June 1975

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CRUET	Alamo Beatty CP-1 Dunes Mint Q-25 Sahara 400 SE-1 SE-4 SE-2 SE-5 SE-3 SE-6 Squires Park STATIONS: 246 748 754 257 749 755 416 750 756 454 751 757 746 752 747 753 Tonopah	SE-6 Tonopah		
CUMARIN	Alamo Area 1 East Area 1 North Area 1 South Beatty Van Beatty Van Comp Doe ETS-2 Q-25	SE-6 Tonopah	ETS-1 NRDS-1 Test Cell C	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS		NGC-21 TAPE AND/OR 10" PAPER RECORDS		STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS		MISCELLANEOUS RECORDS
	Station		Station		Station		Station
CUMARIN (cont'd)	SE-1	SE-4					
	SE-2	SE-5					
	SE-3	SE-6					
	SR-1 Frame						
	SR-2 Frame						
	STATIONS:						
	454	790					
	781	791					
	785	792					
	786	793					
	787	794					
	788	795					
	789						
	Tonopah						
CUP			E-MAD		Beatty		
			ETS-1		Climax Mine		
			Fremont		C-4 C-8 CP-1		
			Landmark		C-5 C-9		
			SE-2		C-6 C-10		
			SE-3		C-7 C-11		
			SE-4		Desert Inn		
			SE-5		DOD		
			SE-6		ETS-1		
					Fremont		
					Hard Hat		
					Sahara 200		
					Sahara 400		
					STA-2		
					STA-7		
					Thompson Mine - Inside		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
CYATHUS	DOE ETS-1 SE-6 STA-261	SE-6		
CYCLAMEN		Caesars Palace Mercury Bldg. 751 Q-24 Sands SE-2 SE-5 SE-4 SE-6 Squires Park Tonopah		
-72-				
CYPRESS	DOE SE-6 Twin Springs	SE-6 Tonopah		Strain Gage: A-12 SR-5
DAIQUIRI		Alamo Beatty Dry Lake - STA 5 STA-6 Goldfield SE-6		

**Table 3. Seismic Record Summary
October 1963 thru June 1976**

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DELPHINIUM	AITS (LVDT) AITS - 4 Story Beatty - Downhole Beatty HR & All Beatty Surface Brock Mountain CP-1 ETS-1 Foote Mineral LVW SE-6 Squires Park SR-2 - 2 Story Frame STATIONS: 886 891 887 892 888 897 889 898 890 Tonopah HR & All. Warm Springs			
DERRINGER		Beatty Exchange Dry Lake Q-24		
DIAGONAL LINE	CP-1 Mercury ETS-1 Holiday Inn Roof SE-6			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DIAMOND SCULLS -74-	Beatty - Downhole			
	Beatty L-1			
	CP-1			
	Holiday Inn			
	LVW			
	RHN			
	SE-6			
	SR-4 - Block			
	SR-4 - Block & Ground			
	SR-4 - Frame			
	STATIONS:			
	748A 1, 2, 3			
	748B 1, 2, 3			
	748C 1, 2, 3			
	Tonopah			
	Warm Springs			
DIANA MIST	AITS - Center	SE-6		
	AITS - North			
	AITS - South			
	CP-1			
	DOE			
	SE-6			
	SR-4			
DIANA MOON	SR-5			
		SE-6		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DIDO QUEEN				Brush: LVW
DIESEL TRAIN	Beatty CP-1 ETS-2 SE-6 STA-2 Tonopah U12N - A U12N - B			
-75- DILUTED WATERS		SE-6	Climax Mine - Inside Climax Mine - Outside CP-1 DW-1 DW-5 DW-2 DW-6 DW-3 DW-7 DW-4 DW-9 Mercury Mint NRDS-1 STA-2	Autocorder: North Las Vegas SE-6 EV-300: SE-6
DINING CAR	LVW			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DIODE TUBE	Baxterville Columbia CP Hattiesburg P. O. Lumberton Purvis STATIONS: 1 8 2 10 4 20 South			
-9/- DIP #3	STATIONS: 1 3 2 4			
DISCUS THROWER:		Desert Inn Dunes E-MAD Las Vegas, Fantasy Park Las Vegas, 3rd and Hoover Q-24 Sahara 400 SE-6 Squires Park Tonopah	AITS CP-1 DT2 DT3 DT4 DT6 NRDS-1 Q-24 STA-2 STA-4D	Autocorder: North Las Vegas SE-6 EV-300: SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DISKHIST	STATIONS: 150 1200 300 1640 500			Brush: LVW
DOOR MIST		SE-6 Tonopah	Climax CP-17 ESTS-1 G Tunnet - Out NRDS-1 NRDS-2 STA-2	Camper #202 s/g dub
-77- DORSAL FIN		SE-6	ESTS-1	
DOUBLE PLAY		Beatty E-MAD SE-4 SE-6 Squires Park Tonopah		Autocorder: SE-6 EV-300: SE-5 EV-301: SE-4 Squires Park
DOVEKIE		Bldg. 300 Mercury Bldg. 682 Bldg. 700 Mercury LRL Bldg. Q-24 SE-6 STA-2 - North Warehouse 10 - Mercury	SR-1	Autocorder: SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DRIbble - I		10 Mile STA. S 30 Mile STA. S		
DRIbble - II		10 Mile South		
DRIbble - III		10 Mile South 30 Mile South		
DRIbble - IV		10 Mile South 30 Mile South		
82 DRIbble - V		10 Mile South 30 Mile South STA-2 South Van #1 South		
DRIbble - VI		#1 East #2 South 10 Mile South 30 Mile South		
DRIbble - 73A		#1 East #2 South #2 East #2 South 10 Mile South 30 Mile South		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DRIBBLE - 73B		#1 East #1 South #2 East #2 South 10 Mile South 30 Mile South		
DRIBBLE - 83A		#1 East #1 South #2 East #2 South 10 Mile South 30 Mile South		
-79-				
DRIBBLE - 83B		#1 East #1 South #2 East #2 South 10 Mile South 30 Mile South		
DRIBBLE - 9-3A		#1 East #1 South #2 East #2 South 10 Mile East 10 Mile South		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DRIBBLE - 9-3B		#1 East #1 South #2 East #2 South 10 Mile East 10 Mile South		
DRIBBLE - McNeill - 1		#1 East #1 South #2 East 10 Mile South 30 Mile South		
DRIBBLE - McNeill - 2		#1 East #1 South #2 East #2 South 10 Mile South 30 Mile South		
DRIBBLE - Ansley - 1		10 Mile South 30 Mile South		
DRIBBLE - Ansley - 2		10 Mile South 30 Mile South		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DRIbble - Collins 1		#1 East #1 South #2 East 10 Mile South 30 Mile South		
DRIbble - Collins -2		#1 East #1 South #2 South 10 Mile South 30 Mile South		
DRIbble - Raleigh - 1		10 Mile South 30 Mile South		
DRIbble - Raleigh - 2		10 Mile South 30 Mile South		
DRIbble - Raleigh - 3		#1 East 10 Mile South 30 Mile South		
DRIbble - Raleigh - 4		#1 South #2 South 10 Mile South 30 Mile South		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DRIBBLE - E1-1		#1 East #2 South #2 East 10 Mile East 10 Mile South		
DRIBBLE - E1-2		#1 East #1 South #2 East #2 South 10 Mile South 50 Mile South		
-82-				
DRIBBLE - E12		#3 South #9 North 10 Mile South 12 Mile North 16 Mile South		
DRIBBLE - E13		#3 South #9 North 10 Mile South 12 Mile North 16 mile South		
DRIBBLE - 3C		#1 East #1 South #2 East 10 Mile East 10 Mile South		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DUB		Sahara		Autocorder: SE-6 EV-300: SE-6
DUGOUT			1 South 1 West 2 South 2 West 3 South 3 West 4 South 4 West	
-88- DUMONT		Desert Inn	Beatty #2	Autocorder: NLV
		Dunes	Beatty #3	SE-6
		E-MAD	Caesars Palace	EV-300: SE-6
		Q-24	Clark County Court House	S/A Paper & Dub: STATIONS
		SE-2	CP-1	268 270
		SE-4	Desert Inn	269 271
		SE-5	Dunes	274 277
		SE-6	First National Bank	EV-301: SE-4
		Squires Park	Fremont	SE-5
		Tonopah	Mint	
			Q-24	
			Riviera	
			Sahara 200	
			Sahara 400	
			Sands	
			SE-6	
			STA-1-D	
			STA-4-D	

Table 3. Seismic Record Summary
October 1963 to June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
DUMONT (cont'd)			STA-2 278 281 280 282 Thompson Mine Toropah Ranch - U12N Twin Springs	
DURYEY		AITS Beatty CP-1 NRDS Admin. Q-25 Sahara 400 SE-2 SE-4 SE-6 Tonopah	Alamo AITS Area 1 Exchange Beatty #2 Caesars Palace CP-1 CP-17 Desert Inn Dunes Exchange First National Bank Fremont Mint NRDS-1 N Tunnel Ramona Sahara 200 STATIONS: 1-B 4-B 2-B 3-P 1-P 4-P 2-P 10-A 2 11-A 3-B U-16A Tunnel	Autocorder: SE-6 Orig. & Copy EV-300: SE-6 Orig. & Copy EV-301: SE-4 Orig. & Copy SE-6 Orig. & Copy

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
EDAM	DOE ETS-1 SE-6	SE-6	AITS - Ground AITS - North AITS - South SR-1 SR-2	s/g SR-1 Block and Frame
EFFENDI		Reveille Valley: STATIONS: 601 602 606 603 607 604 608 605 609 STATION 2	NRDS-1 ESTS-1	
ELKHART		SE-6		EW301: SE-6
EMBUDO	Beatty Calvada Development Convention Center CP-1 ETS-1 Holiday Inn Pahrump Coop. Pahrump Refraction SE-6 Squires Park STATIONS: 874 875 876	Tonopah		Brush: SE-6 Strain Gage: SR-2 Block SR-2 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS				NGC-21 TAPE AND/OR 10" PAPER RECORDS		STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS		MISCELLANEOUS RECORDS	
	Station				Station		Station		Station	
EMERSON					Beatty Ball Park Beatty H. R. S. E.				Autocorder: SE-6 NLV EV-300: SE-6 Orig. & Copy	
EQ - HIKO, NEVADA	Alamo						Bank of Nevada			
	Caliente						Desert Inn			
	Dunes						First National Bank			
	ETS-1						New Holiday Inn			
	Hiko						International			
	Holiday Inn						Mint - Base			
	Queen City Summit						Mint - Pool			
-98-	SE-6 - Hi						Mint - Roof			
	SE-6 - Lo						Sahara 400			
	STA-856						Sands			
	Twin Springs									
EQ - HILO, HAWAII	HO1									
	HO2									
	HO3									
	HO4									
EQ - MANAGUA	A01	A06	A11	CO1					Forced Vibs.	
NICARAGUA	A02	A07	A12	CO2					Banco de America	
	A03	A08	A13	CO3					Banco Central	
	A04	A09	A14	CO4					Hall of Justice	
	A05	A10								

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October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS		NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station		Station	Station	Station
EQ - POCATELLO VALLEY, IDAHO	BA BY EI JC FV	SL TA TS WV	(Note: Most stations located in Utah)		
EQ - PRESCOTT, ARIZONA	STATIONS: 1 4 2 5 3				
-87- EQ - RANGER MTN.	CP-1 LVW Range - Mtn. Bottom Range - Mtn. Top				
EQ - TENNESSEE	Maryville College Piney Church				
EQ - YELLOWSTONE	Canyon #1 Canyon #2 Ice Lake #2 Ice Lake #3 Ice Lake Line LOFT/INEL (Idaho) Norris #1 Norris #2 Norris Cluster Norris Line Teton Dam				

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October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
ESCABOSA	Beatty		Bank of Nevada	
	Caesars Palace - New		Caesars Palace #1	
	Carriage House		Caesars Palace #2	
	Circle Park		Clark County Courthouse	
	Jockey Club		Circus Circus	
	La Concha		First National Bank	
	LVW		Hilton	
	SE-6		Mint Basement	
	Silver Queen		Mint Pool	
	Squires Park		Mint Roof	
	Vegas Towers		Union Plaza	
ESROM	Cambridge		Jockey Club East	DCS-301: Aladdin East End
	Circle Park		Jockey Club West	Aladdin West End
	City Hall			
	Country Club Towers			
	Holiday Inn			
	LVW			
	Marie Antoinette			
	SE-6			
	Squires Park			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
ESTUARY	AITS - Q-Flex Aladdin Beatty California Hotel Circle Park City Hall Clark County Courthouse Country Club Towers Dunes Eastern Orthodox Church First National Bank Fremont Hilton #1 Hilton #2 Holiday Inn La Concha LVW Marie Antoinette Mark I MGM NLV Air Terminal Pahrump Paradise Riviera Royal Inn SE-6 Showboat Squires Park Tapes 1 & 2 Vegas Towers Wimbledon		Jockey Club 1 Jockey Club 2	DCS-301: Brewer Residence Loy Residence Marie Antoinette

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October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
FADE				EV-300: SE-6
-06- FAULTLESS	Arlington	Alamo	Alamo	Strain Gage Dubs:
	Austin	Battle Mountain	Bank of Nevada	N-30 N-37
	Bakersfield	Beatty	Beatty	N-31 N-39
	Bishop	Elko	Belvada 5	N-32 N-40
	Carson City	Ely	Belvada B	N-33 N-41
	Eureka	First National Bank (Reno)	Bishop	N-35 N-44
	Fallon	Goldfield	Boulder 1	N-36 N-70
	Fresno	Lund	Boulder 2	Ougway Autocorder orig.
	Gabbs	McGill	Boulder 3	Reno Autocorder orig.
	Hawthorne	Q-24	Clark County Courthouse	SE-6 Autocorder orig.
	Los Angeles	Ruth	CP-1	SE-6 EV-301 orig.
	Lovelock	SE-6	Caesars Palace	
	Manhattan	Tonopah	Desert Inn	
	Ogden		Dunes	
	Pioche		EST-1	
	Reno Airport		First National Bank	
	Round Mountain		Fremont	
	Sacramento		Hawthorne	
	Salt Lake City		Landmark	
	San Francisco		Mint Top	
	State Line		Mint Ground	
	STATIONS:		N3 N22 N46 N80 N108	
	602 606		N7 N23 N47 N81 N173	
	605 607		N13 N24 N48 N82 N233	
	St. George		N16 N34 N49 N83	
	Trona		N17 N38 N50 N84	
	Twin Falls		N18 N39 N51 N85	
	Union Pacific Fill (SLC)		N19 N42 N52 N100	
	Wendover		N20 N43 N54 N103	
	Winnemucca		N21 N45 N55 N106	

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October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
FAULTLESS (cont'd)			North Las Vegas NRDS 2 Q24 Ramona Sahara 200 Sahara 400 Sands SE-6 Stardust STA-2 STS-1	
-16- FINFOOT		1 North 1 West 2 North 2 South 2 West 3 South 3 West 5 West 6 West		Autocorder: NLV
FLASK	AITs - Ground AITs - North AITs - South Alamo Beatty Convention Center	Tonopah	Bank of Nevada - Roof Caesars Palace Clark County Courthouse Desert Inn Dunes - Basement Dunes -Roof	

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October 1963 thru June 1976

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	Station	Station	Station	Station
FLASK - cont'd -92-	ETS-2		First National Bank	
	Ice Palace		Four Queens	
	Q-25		Fremont	
	SE-2 SE-5		Holiday Inn	
	SE-3 SE-6		Horseshoe Garage	
	SE-4		International	
	Squires Park		Landmark	
	STATIONS:		Mint Basement	
	413 792 807		Mint Roof	
	781 793 808		North Las Vegas	
	785 794 811		Riviera	
	786 795 813		Royal Inn	
	787 799 815		Sahara 200	
	788 800 829		Sahara 400	
	789 801 830		Sands	
	790 803		SE-6	
	791 804		Stardust	
FLAX	AITS - Center "A"			Brush: LVW
	AITS - Center "B"			Helicorder: CP-1
	AITS - North 4 Story			LSM
	AITS - South 4 Story			LVN
	AITS - 2 Story Block			
	AITS - 2 Story Frame			
	Alamo			
	Beatty All.			
	Beatty HR			
	CP-1 All.			
	CP-1 HR (10)			
	ETS-1			

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October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
FLAX (cont'd)	Holiday Inn Kingman A Kingman B LVW Q-25 - A Q-25 - B Sahara 200 SE-2 - A SE-2 - B SE-4 - A SE-4 - B SE-6 Silver Peak All. & HR Squires Park STATIONS: 426A 842 Hi 426B 842 Lo 435B 870 Hi 438A 870 Lo 841 Hi 872 841 Lo 873 Tonopah			
FOB	Beatty Comparison CP-1 DOE SE-6 STATIONS: 740 770 741 781 STS-2	SE-6		

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EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
FONTINA	Aladdin		Airport Marina	DCS-301: Aladdin East
	Alamo		Bank of Nevada	Aladdin West - ETS-1
	Balsam		Caesars Palace #1	Mark I - Ground
	Bank of Nevada		Caesars Palace #2	NRDS
	Beatty		Caesars Palace #3	STA. 809
	California Hotel		Carriage House	Tonopah, St. Marks
	Cambridge		Desert Inn	UI9P
	Circus Circus		Dunes Hotel	
	City Hall		First National Bank	
	Clark County Courthouse		Four Queens Hotel	
	Country Club Towers		Jockey Club East	
	Dunes		Jockey Club West	
	Eastern Orthodox Church		Landmark Tower	
	First National Bank		Mint Hotel Pool	
	Fremont		Mint Hotel Roof	
	Hilton #1		Regency Towers	
	Hilton #2		Riviera 2	
	Holiday Inn		Sahara 200	
	International Freeway & Foothill Blvd.		Sahara 400	
	La Concha		Stardust	
	LVW		Union Plaza	
	Marie Antoinette		Valley Bank	
	Mark I		Vegas Towers East	
	Mark I Ground		Vegas Towers West	
	MGM			
	North Las Vegas Air Terminal			
	Pacoima Dam			
	Pahrump			
	Paradise			
	Park Terrace			

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EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
FONTINA (cont'd)	Pasadena Seismic Lab. Regency Ground Riviera Royal Inn SE-6 Squires Park Tonopah Church Tonopah Motel Twin Springs Wimbledon			
FORCED VIBRATIONS	AITS - South Albuquerque Slake Tests Area 1 Structures Area 3 Structures Area 12 Structures Area 19 Structures Arizona State Highway Bridge #1 Circus Circus Clark County Courthouse Holiday Inn Rock School - Colorado Royal Inn Sahara 200 Showboat Skjei Residence - Las Vegas Union Plaza			

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October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
FOREST				Brush: Las Vegas High School EV: 300
GASBUGGY	STATIONS: 11 19 28 12 20 29 13 21 30 14 22 32- Roof 14HR 24 32 Basement 15 25 33 16 26 34 17 27 35 36	STA-23 STA-31	Gaswell 4 Gaswell 16 G.B. 3 7 4 8 5 9 6 10	
GNOME:			STATIONS: 1 4 7 2 5 8 3 6 9 1 M.C.C. 5-S 1 M.C.C. 8 1 M.C.C. south	
GRAPE A	Bank of Nevada Bank of Nevada - 6 channel Beatty Beatty Coop. Doe ETS-2 Firehouse Kelly Hotel NW1	SE-6 Tonopah	AITs Ground AITs North AITs 5 Level Area 3 Mercury EMAD ETS-2 SR-2 Test Cell "C"	

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EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
GRAPE A (cont'd)	NW2 NW3 NW Sta. SE-6 Silver Queen S.Q. 4 Tonopah Tonopah 5 Tonopah 6			
GRAPE B -97-	Alamo AITS north AITS South AITS Center Bank of Nevada - 18 Channel Beatty compare Beatty Van CP-1 DOE ETS-2 SE-6 Squires Park SR-1 SR-4 SR-2 SR-5 Tonopah	SE-6 Tonopah	Bank of Nevada Caesars Palace Clark County Courthouse Desert Inn Dunes Basement Dunes Roof E-MAD ETS-1 ETS-2 ETS-3 First National Bank Four Queens Fremont Holiday Inn Horseshoe Landmark Mint Basement Mint Roof Mizpah North Las Vegas	

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October 1963 thru June 1976

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	Station	Station	Station	Station
GRAPE B (cont'd)			NRDS #1 Riviera Sahara 200 Sahara 400 Sands SE-6 SR-4 Stardust Test Cell C	
GREELY		Alamo Beatty Bishop High School Dunes First National Bank Mercury Q-24 NRDS E-MAD SE-2 SE-4 SE-6 Tonopah	AITC Alamo Bank of Nevada Beatty Ball Park Belvada Top Clark County Courthouse Climax CP-1 CP-17 Desert Inn DP-1 Dunes ESTS 2 ESTS 3 First National Bank Fremont Goldfield Hoover Dam Gallery	Area 1 - s/g Area 17 - s/g Area 19 - s/g Autocorder: Bishop SE-6 EV 300: SE-6 EV 301: Kingman SE-4 Pahute Mesa: s/g

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October 1963 thru June 1976

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	Station	Station	Station	Station
GREELY (cont'd)			Hoover Dam Intake Hoover Dam Oil House Horseshoe HR-2 HR-4 Landmark Mint Basement Mint Top North Las Vegas NRDS-1 Pahrump Ramona Riviera Sahara 200 Sahara 400 Sands SE-6 Stardust STATIONS: 1-B T-4 2 T-15 4-B Tonopah Twin Springs U12N U12N- Inside	

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EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
GREYS		M-31	M-13 M-27 M-22 M-28 M-23 M-30 M-24	
GUANAY		E-MAD	Desert Inn ETS-1 Sahara STA-2	
HADDOCK -100		Desert Inn E-MAD ETS-1 Fremont Sahara STA-2	Desert Inn ETS-1 Fremont Sahara STA-2	
HALFBEAK		Beatty Ball Park Dunes E-MAD Q-24 Sahara 400 SE-2 SE-4 SE-6 Squires Park Tonopah	Alamo AITS - South Beatty #2 Beatty #3 Clark County Courthouse Climax CP-1 CP-17 Caesars Palace Desert Inn Dunes	AITS North - s/g paper AITS South - s/g paper Area 19 - s/g dub & paper Autocorder: SE-6 EV-300: SE-6 EV-301: SE-4 STATIONS: (paper) 298 320 321

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EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
HALFBEAK cont'd)			First National Bank Fremont Horseshoe HR-1 Mint NRDS-1 Q-24 Ramona Riviera Sahara 200 Sahara 400 Sands SE-6 Stardust STA-2 STA-7G STA-292 STA-293 Twin Springs	
HANDCAR			STATIONS: N-1 S-1 N-2 S-2 N-3 S-3 N-4 S-4 N-5 S-5 N-6 S-6 S-7	

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October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
HANDLEY	Alamo "A"	Q-25	AIT'S Ground	Beatty Ballpark
	Bakersfield	SE-6	AIT'S Top	Beatty L-7 on Honeywell
	Bank of Nevada - 18 Channels		Area 19 N test structure	Hoover Dam Gallery B1
	Beatty Exchange & Beatty Ball Park		Area 19 S test structure	Hoover Dam Intake Tower B2
	CP-1		Bank of Nevada Roof	Hoover Dam Oil House B3
	CP-17		Bank of Nevada Ground	Strain Gage: 484
	Dunes		Belvada 5th & Belvada Basement	490
	ETS Tower		Caesars Palace	491
	Ely		Central Telephone	492
	Fleur D'Lis		Clark County Courthouse	
	Four Queens		Climax Mine	
	Goldfield		CP-1	
	International		Desert Inn	
	Kingman		DOE	
	Knights Ranch		Dunes Basement	
	Los Angeles		Dunes Roof	
	Manhattan		ETS#1	
	Pahrump		ETS#2	
	Pioche		ETS#3	
	Q-25		Exchange Club	
	Reno		Executive Towers	
	Ruth		First National Bank	
	Sacramento		Four Queens	
	Sahara 400		Fremont	
	Salt Lake City		Goldfield Basement	
	Sands		Goldfield Roof	
	SE-2		Holiday Inn	
	SE-6		Horseshoe	
	Silver Peak		International	
	Squires Park			
	Tonopah			

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October 1963 thru June 1976

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	Station	Station	Station	Station
HANDLEY (cont'd)	STATIONS:		Landmark	
	413 606		Mint Basement	
	416 672		Mint Roof	
	445 673		Mizpah	
	462 674		North Las Vegas	
	601 675/443		NRDS #1	
	602 676		Pahrump	
	603 677		Q-24	
	604 678		Riviera	
	605 679		Royal Inn	
	STA 1815 6th Las Vegas		Sahara 200	
	Twin Springs		Sahara 400	
			Sands	
			SE-6	
			STA-2	
			Stardust	
			Sunrise Hospital	
			Test Cell C	
			University Dorm	
HAREBELL	AITs Ground	Beatty	Belvada Basement	Brush: SE-6
	AITs North	Tonopah	Belvada 5th	Helicorder: CA1
	AITs South		Desert Inn	Helicorder: LVW
	AITs 2 story Block		Fremont	Helicorder: MCV
	AITs 2 Story Frame		Landmark	Strain Gage: Bank Of Nevada
	Beatty		Mint Basement	
	Christ Church		Mint Roof	
	Convention Center		Mizpah	
	CP-1		Sahara 200	
	ETS-1		Sahara 400	
	Golden Nugget			
	New Holiday Inn			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
HAREBELL (cont'd)	J. E. Brown well Pahrump New Development Pahrump Refraction Site SE-6 Squires Park STATION 376 Tonopah Union Plaza			
HOD	ETS-2 SE-6	SE-6	AITS Ground AITS North AITS South SR-1 SR-2	Strain Gage: SR-4 SR-5
-104-				
HUDSON MOON	AITS Center AITS North AITS South AITS "A" Alamo Beatty Ball Park Convention Center ETS-2 Ice Palace SE-2 SE-5 SE-3 SE-6 SE-4 Squires Park	SE-6 Tonopah		Strain Gages: SR-1 Block SR-1 Frame SR-2 Block SR-2 Frame SR-4 Block SR-4 Frame SR-5 Block SR-5 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
HUDSON MOON (cont'd)	STATIONS:			
- 105 -	413	799		
	781	800		
	785	801		
	786	803		
	787	804		
	788	807		
	789	808		
	790	809		
	791	811		
	792	813		
	793	815		
	794			
	795			
HUDSON SEAL	Alamo	CP-1	CP-1	Strain Gage:
	Alamo B	Q-25	Q-24	SR-4 s/g dub
	Beatty		SR-4	SR-5 s/g dub
	Dunes		SR-5	
	Sahara			
	Sands			
	SE-6			
HUSKY ACE				Brush: LVW
HUSKY PUP	LVW (paper only)			DCS-301: Q 25 - 4 units

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS	
	Static	Station	Station	Station	
HUTCH	DOE	SE-6	AITs Ground	Strain Gage:	SR-1 Block
	ETS-2	Tonopah	AITs North		SR-1 Frame
	SE-6		AITs South		SR-2 Block
	Slope Stability		Bank of Nevada		SR-2 Frame
	SR-1 Block		Clark County Courthouse		SR-5
	SR-1 Frame		E-MAD		
	SR-2 Block		ETS-1		
	SR-2 Frame		First National Bank		
	SR-5 Area 12		Landmark		
			Mint Basement		
			Mint Roof		
			NRDS-1		
			SR-1		
			SR-2		
			SR-5		
ILDRIM	DOE	Tonopah	Bank of Nevada	Strain Gage:	SR-1 Block
	ETS-2		Clark County Courthouse		SR-1 Frame
	SE-6		First National Bank		SR-2 Block
	Slope Stability		Landmark		SR-2 Frame
	SR-1 Block		Mint Basement		SR-5
	SR-1 Frame		Mint Roof		
	SR-2 Block				
	SR-2 Frame				
	SR-5 Area 12				

Table 3. Seismic Record Library
October 1963 to June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
INLET	Balsam		Regency	
	Beatty		Riviera #1	
	Benton		Riviera #2	
	Cambridge			
	Circle Park			
	City Hall			
	Country Club Towers			
	Eastern Orthodox Church			
	Holiday Inn			
	LVW			
	Marie Antoinette			
	Mark I			
	Mark I Ground			
	NLV Waterwell			
	Park Terrace			
	Regency Towers Ground			
	Riviera			
	SE-6			
	Squires Park			
	STA 809			
	Tonopah Church			
	Tonopah Motel (Silver Queen)			
JAL	Bank of Nevada	SE-6		
	DOE			
	SE-6			
	SR-4			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
JORUM	Alamo - ALV	SE-6	A19 - T. S.	Area 19 N. P.
	Alamo - H. R.		AITS Ground	Area 19 S. P.
	Beatty Ball Park		AITS North	Area 20
	Beatty Exchange		AITS South	Beatty
	Beatty H. C.		Bank of Nevada	Quartz Rod Ely
	Colbran		Beatty Exchange	Quartz Rod Sleeping Mountain
	CP-1		Belvada	Quartz Rod Twin Springs
	CP-17		Belvada B	STATIONS:
	Dunes		Belvada Basement	484
	Eagle		Belvada 5th	490
	Ely		Caesars Palace	491
	E-MAD		Clark County Courthouse	492
	ETS-1		Climax Mine	
	ETS-2		CP-1	
	Fleur de Lis		Dunes Basement	
	Foote Mineral		Dunes Roof	
	Frenchman Mountain		E-MAD	
	Hill		ETS-1	
	International		ETS-2	
	J-11 Well		ETS-3	
	Knight		First National Bank	
	Lathrop Wells		Four Queens	
	Manhattan		Fremont	
	Meeker		Goldfield Basement	
	Mint		Goldfield Top	
	Pahrump		Horseshoe	
	Q-25		Johnson Ros.	
	Reno - First National Bank - B&17th		Landmark	
	Sahara 400		Mizpah	
	Sands		NRDS-1	

Table 3. Seismic Record Inventory
October 1963 to June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
JORUM (cont'd)	Salt Lake SE-2 SE-6 Squires Park T.C.A. T.C.C. Tonopah Twin Springs		Q-24 Riviera Sahara 200 Sahara 400 SE-6 Stardust T.C.C.	
JUNIPER MINE (INEL Seismic Attenuation Studies)	HE#1 (Juniper Mine) STATIONS: 3 8 11 5 9 12 7 10 HE#2 (Juniper Mine) STATIONS: 3 5 11 4 10 12 HE#3 (Juniper Mine) STA 5 (paper record only) HE#4 (Well 33) STATIONS: 4 11 18 21 5 12 19 7 14 20			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
JUNIPER MINE (cont'd)	HE#5 (Juniper Mine) STATIONS: 2 7 12 22 3 9 14 23 4 10 15 5 11 17 Teleseism STATIONS: 1 5 9 2 7 3 8			
-110-				
See USGS Open File Report #75-512				
KANKAKEE	Beatty Ball Park Dunes E-MAD Q-24 Sahara 400 SE-2 SE-4 SE-6 Tonopah	Beatty Dunes E-MAD Q-24 Sahara 400 SE-2 SE-4 SE-6 Tonopah	Beatty #2 Beatty #3 Caesars Palace Clark County Courthouse CP-1 Desert Inn Dunes First National Bank Mint Q-24 Riviera Sahara 200 Sahara 400 Sands SE-6 STA-2 T. Mine Tonopah	Autocorder: SE-6 EV 300: SE-6 EV 301: SE-4

Table 3. Seismic Record Station
October 1963 thru May 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
KASSERI	Alamo		Airport Marina	DCS-301: 9 units @ USGS Shop
	AITS - Q-flex		Bank of Nevada	
	Bank of Nevada		Caesars Palace #1	
	Beatty		Caesars Palace #2	
	California Hotel		Caesars Palace #3	
	Circle Park		Carriage House	
	Circus Circus		Desert Inn	
	City Hall		Dunes	
	Clark County Courthouse		First National Bank	
	Country Club Towers		Four Queens	
	Dunes		Jockey Club East	
	Eastern Orthodox Church		Jockey Club West	
	First National Bank		Landmark	
	Fremont		Mint Pool	
	Hilton #1		Mint Roof	
	Hilton #2		Regency	
	La Concha		Riviera #1	
	Mark I		Riviera #2	
	Mark I Ground		Sahara 200	
	MGM		Sahara 400	
	NLV Church		Sands	
	Pahrump		Union Plaza	
	Paradise		Valley Bank	
	Park Terrace		Vegas Towers East	
	Pfister Residence		Vegas Towers West	
	Regency Ground			
	Regency Towers			
	Riviera			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
KASSERI (cont'd)	Royal Inn Searchlight #1 SE-6 Showboat Squires Park STA 809 Tapes 1 & 2 Tonopah Church Twin Springs USGS Shop Wimbledon			
KEELSON	Cambridge Circle Park City Hall Country Club Towers Holiday Inn LVW Marie Antoinette SE-6 Squires Park		Jockey Club East Jockey Club West	DCS 301: Aladdin East Aladdin West
KESTREL		E MAD ETS-1 Fremont Landmark: SE-2 SE-5 SE-3 SE-6 SE-4	Desert Inn ETS-1 Fremont Sahara 200 Sahara 400 SR-1 SR-2	Autocorder: SE-6 EV 300: SE-6 EV 301: SE-5 SE-6 Stathams: SR-1 SR-2

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
KNICKERBOCKER	Alamo H. S. Beatty Ball Park Beatty H. R. E-MAD Landmark Q-24 Sahara Squires Park T-5 Tonopah	Alamo Beatty Bishop E MAD Landmark Q-24 Sahara 200 SE-2 SE-6 Squires Park Tonopah	A15 Alamo AITS Bank of Nevada Beatty Ball Park Belvada Basement Belvada Top Caesars Palace Clark County Courthouse Climax Mine - Inside CP-17 Desert Inn Dunes ESTS-1 Exchange First National Bank Fremont Goldfield Basement Goldfield Top Horseshoe HR-2 HR-4 Landmark Mint Bottom Mint Top NLV NRDS Pahrump Q-24	Autocorder: SE-6 Blastmeter: Federal Building LV AEC Building USGS Shop EV 300: SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
KNICKERBOCKER (cont'd)			Riviera Sahara 200 & Sahara 400 Sands SE-6 Stardust STATIONS: 1B 2 413 416 T-4 T-5 Twin Springs U-12N	
KNIFE A	Area 15 Piledriver CP-1 CP-17 Dunes E MAD Q-24 Sahara Sands SE-6 STA #1 Pahute STA 2 STA 203 Twin Springs U9 EX	CP-1 SE-6	AITS Ground AITS South CP-1 SR-1 SR-2	s/g dub - SR-1 Block SR-1 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
KNIFE B	MT-2	SE-6	AITS Ground	s/g dub - SR-1 Block
	N-39		AITS North	SR-1 Frame
	N-47		SR-1	SR-2
	N-82		SR-2	
KNIFE C	SE-6	CP-1		s/g dub AITS
		Q-25		SR-1 Block
		SE-6		SR-1 Frame
				SR-2
KNOX -115-		Mercury Q-25	AITS	Strain Gage: AITS
		SE-6	Bank of Nevada	
		Tonopah	Caesars Palace	
			Clark County Courthouse	
			Desert Inn	
			First National Bank	
			Hoover Dam 1st Gallery	
			Horseshoe	
			Hot Creek Ranch	
			Mint Basement	
			Mint Top	
			Sahara 200	
			Sahara 400	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
LABS	Alamo	SE-6	Bank of Nevada	
	AITs Center	Tonopah	Caesars Palace	
	AITs North		Clark County Courthouse	
	AITs South		Desert Inn	
	Bank of Nevada		Dunes Basement	
	Beatty Com.		Dunes Roof	
	Beatty Van		E MAD	
	DOE		ETS-1	
	ETS-2		ETS-2	
	SE-6		ETS-3	
	Squires Park		First National Bank	
	SR-1		Four Queens	
	SR-2		Fremont	
	SR-4		Holiday Inn	
	Tonopah		Horseshoe	
			Landmark Tower	
			Mint Basement	
			Mint Roof	
			Mizpah	
			North Las Vegas	
			NRDS #1	
			Riviera	
			Sahara 200	
			Sahara 400	
			Sands	
			SE-6	
			SR-4	
			Stardust	
			Test Cell C	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
LAGUNA	AITS Ground	Beatty	Belvada Basement	Brush: SE-6
	AITS North	Tonopah	Belvada 5th	Helicorder: CP-1, LVW, MCV
	AITS South		Desert Inn	Strain Gage: Bank of Nevada
	AITS - 2 Story Block		Fremont	
	AITS - 2 Story Frame		Landmark	
	Beatty		Mint Basement	
	Christ Church		Mint Pool	
	Convention Center		Mizpah	
	CP-1		Sahara 200	
	ETS-1		Sahara 400	
	Golden Nugget			
	Holiday Inn			
	Pahrump Coop.			
	Pahrump New Development			
	Pahrump Refraction Site			
	SE-6 - UNLV			
	Squires Park			
	STA 876			
	Tonopah			
	Union Plaza			
LAMPBLACK		Central Telephone Bldg.	AITS North	Autocorder: Bishop, NLV,
		Nevada Power Co.	Beatty #2	SE-6
		NRDS-1	Desert Inn	Area 7 - STATIONS
		Q-24	Dunes	244
		SE-2 SE-5	Fremont	245
		SE-3 SE-6	Landmark	246
		SE-4	Mercury	247 - s/g dub
		Squires Park	Mint	Blastmeter:
			NRDS-1	First National Bank
			Sahara 200	Sands
			Sahara 400	EV-301: SE-5

Table 3. Seismic Record Summary
October 1963 through June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
LAMPBLACK (cont'd)			SE-6 ST-2 ST-7 STATIONS: 1-D 247 267 3-D 248 4-D 249 5-D 266 Thompson - Inside Tonopah	
LANPHER	Alamo Beatty B. A. Desert Inn Mint Q-25 SE-2 SE-6 Squires Park STATIONS 1 2 3 Tonopah	Alamo Beatty Desert Inn E MAD Mint Q-25 SE-2 SE-6 Squires Park Tonopah	AITS Alamo Bank of Nevada Belvada Basement Belvada 5th Caesars Palace Clark County Courthouse Climax CP-17 Desert Inn Dunes ESTS-1 Exchange Club (Beatty) First National Bank Fremont Goldfield Basement Goldfield Top Horseshoe	s/g dub: Area 1 Area 4

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
LANPHER (cont'd)			Landmark Tower	
			Mint Basement	
			Mint Top	
			North Las Vegas	
			NRDS 1	
			NRDS 2	
			Pioche	
			Q-24	
			Ramona	
			Riviera	
			S-4	
			Sahara 200	
			Sahara 400	
			Sands	
			Stardust	
			STATIONS:	
			2 413 427	
			4 414 428	
			5 415 429	
			239 416 430	
			261 426 431	
			Twin Springs	

Table 3. Seismic Record Summary
October 1963 through June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
LATIR	Alamo		Bank of Nevada	Brush: LVW
	Beatty		Caesars Palace #1	
	Cambridge Club		Caesars Palace #2	
	CP-1		Clark County Courthouse	
	Holiday Inn		Desert Inn	
	Howard Johnson		Dunes	
	LVW		First National Bank	
	Regency Towers		Four Queens	
	Tonopah Church		Hilton	
	Tonopah Motel		Landmark	
			Mint	
			Mint Pool	
			Riviera #1	
			Riviera #2	
			Royal Inn	
			Sahara 200	
			Sahara 400	
			Sands	
			Stardust	
			Union Plaza	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
LEYDEN	LVW			
LIME		Q-25 SE-6 Riviera	Sahara 400 SE-6	Autocorder: SE-6 NLV EV-300: SE-6
LONGCHAMPS	AITS - 2 Story Brick			
	AITS - 2 Story Frame			
-121-	AITS - 4 Story			
	CP-1			
	LVW			
	SE-6			
	STATIONS:			
	748 785			
	777 790			
	781			
	Tonopah			
LONG SHOT				EV-300: SE-4 SE-6 EV-301: SE-2
LOVAGE	Beatty Beatty Comp. DOE ETS-2 Tonopah	SE-6 Tonopah		Strain Gage: SR-1 SR-2
LULING, TEXAS H.E. 1975				DCS-301

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MANZANAS	Beatty Convention Center ETS #2 Q-25 SE-6 Squires Park	Tonopah	Dunes Mint SE-6	Strain Gages: SR-1 Block SR-1 Frame SR-2 Block SR-2 Frame
MARSH	Circle Park Squires Park USGS Shop			7 DCS-301's at Q-25
MAST -122-	Bank of Nevada Beatty California Hotel Cambridge Circle Park Circus Circus City Hall Clark County Courthouse Country Club Towers Dunes Eastern Orthodox Church First National Bank Fremont Holiday Inn La Concha Mark I MGM North Las Vegas Terminal Pahrump Royal Inn		Airport Marina Caesars Palace #1 Caesars Palace #2 Carriage House Jockey Club East Jockey Club West Mint Penthouse Mint Pool Regency Towers Sahara 400 Union Plaza Vegas Towers East Vegas Towers West	DCS-301: USGS Shop

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MAST (cont'd)	SE-6 Squires Park Tonopah Church Tonopah Motel USGS Shop Wimbledon			
MAUVE		Alamo - STATIONS 1 North 1 South 2 North 2 South Mint NRDS Adm. Riviera Sahara 200 SE-6	Fremont Mint NRDS-1 Sahara 200 Sahara 400	
MAXWELL				BVR: CP-1
MERLIN		E MAD ETS-1 SE-2 SE-5 SE-3 SE-6 SE-4	Desert Inn ETS-1 Fremont Sahara 400	Autocorder: SE-6 EV-300: SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MICKEY		Alamo Landmark SE-2 SE-6 Squires Park E MAD STATIONS: 1 2 3		
MIDDLE GUST IV & V		STATIONS: 1 6 2 7 3 8 4 9 5 10		
-124-				
MIDI MIST		Austin STATIONS: 6 9 7 10 8 11 Ely SE-6 Tonopah	ETS-1 NRDS-1 NRDS-2	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MIERA	AITS South		Caesars Palace	Brush: LVW
	Beatty All.		Dunes	
	Beatty HR			
	CP-1			
	First National Bank			
	Foote Mineral			
	Frenchman Mountain - Bottom			
	Frenchman Mountain - Top			
	Frontier			
	Hilton			
	Holiday Inn			
	Kyle Canyon			
	LVW			
	MGM			
	Regency Tower			
	Showboat			
	Squires Park			
	SR-2 Block			
	SR-2 Frame			
	Tonopah All.			
	Tonopah HR			
	STATIONS:			
	801 808 817			
	802 809 819			
	803 813 822			
	804 814 824			
	805 815 872			
	806 816 873			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MIGHTY EPIC		LVW		
MILK SHAKE	Alamo Beatty CP-1 E MAD SE-2 SE-4 SE-6 Tonopah	CP-1 Q-24 SE-6 Tonopah	NRDS-1 NRDS-2	
MILROW - 126 -	Adak AND ASB ASD Dock LASL Cell SE-6 Shemya		North Hanger	Benioff - Adak Observatory on 6 Ch. Brush Helicorder: ANA ASC Helicorder: ASB ASD SSI LSI
MINE THROW	LVW			Brush: LVW
MING BLADE				Brush: LVW
MING VASE	SE-6	SE-6		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MINIATA	AITS Ground AITS North AITS South AITS - 2 Story Brick AITS - 2 Story Frame Beatty Christ Church Convention Center (809) CP-1 ETS-1 Holiday Inn F/F Holiday Inn Hotel Nevada Development (Pahrump) Pahrump Refraction Site Squires Park STATIONS: 874 875 All. 875 HR 876		Bank of Nevada Caesars Palace Desert Inn Dunes First National Bank Four Queens Fremont Horseshoe Garage International (Hilton) Landmark Mint Pahrump Q-24 Riviera Royal Inn Sahara 200 Sahara 400 Sands SE-6 Stardust	Brush: SE-6 Helicorder: CP-1 LSM LVW MCV
MINNOW		Area 13 Structure NSM #1	NSM #1	
MINT LEAF	DOE SE-6 SR-4 SR-5			Brush: SE-6 Strain Gage: SR-4 SR-5

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MIZZEN	Bank of Nevada		First National Bank	DCS-301: USGS Shop
	California Hotel		Vegas Towers East	
	Cambridge			
	Circle Park			
	Country Club Towers			
	Dunes			
	First National Bank			
	Fremont			
	Holiday Inn			
	Howard Johnsons			
	La Concha			
	LVW			
	Royal Inn			
	SE-6			
	Squires Park			
MONERO	Tropicana			
	USGS Shop			
	AITs North			Strain Gage: SR-2 Block
	AITs - 2 Story Brick			SR-2 Frame
	AITs - 2 Story Frame			
	Brock Mountain			
	CP-1			
	Holiday Inn Roof			
	LVW			
	RHN			
	SE-6			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MONERO (Cont'd)	SR-1 - Area 3 SR-2 - Area 3 STATIONS: 748 785 777 790 781 Tonopah			
MORRONES -129-	AITS North AITS South Beatty Convention Center (809) ETS-2 Q-25 SE-1 SE-2 SE-3 SE-6 STATIONS: 413 829 830 Squires Park	Tonopah	Dunes Basement Dunes Roof Mint Basement Mint Roof SE-6	Strain Gages: SR-1 Block SR-2 Block
MUDPACK		R-MAD	SE-6	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MUNSTER	Alamo		Airport Marina	DCS-301: SE-6
	Bank of Nevada		Bank of Nevada	Topaz
	Beatty		Caesars Palace #1	
	Benton, California		Caesars Palace #2	
	California Hotel		Caesars Palace #3	
	Cambridge		Carriage House	
	Circle Park		Desert Inn	
	Circus Circus		Dunes Hotel	
	City Hall		First National Bank	
	Clark County Courthouse		Jockey Club East	
	Country Club Towers		Jockey Club West	
	Dunes		Landmark Tower	
	First National Bank		Mint Hotel Pool	
	Fremont		Mint Hotel Roof	
	Hilton #1		Regency Towers	
	Hilton #2		Riviera #1	
	Holiday Inn		Riviera #2	
	La Concha		Sahara 200	
	Los Angeles STATIONS:		Sahara 400	
	1 6		Sand's Hotel	
	2 13		Stardust	
	3 18		Union Plaza	
	LVW		Valley Bank	
	Mark I			
	Mark I Ground			
	MGM			
	NLV Air Terminal			
	Pahrump			
	Paradise			
	Pfister Well			

Table 3. Seismic Record Summary
October 1963 through June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
MUENSTER (cont'd)	Regency Towers Ground Riviera Royal Inn Squires Park STA 809 (Convention Center) Tonopah Church Wimbledon			
NASH		Hidden Valley #1 Hidden Valley #2 Q-25		Brush: SE-6
NEWARK		Alamo High School Beatty Goldfield ST #5 Dry Lake ST #6 Dry Lake		
NEW POINT		Q-24		
NOGGIN	Alamo Alamo B Beatty Beatty HR CP-17 Dunes	CP-1 Q-25 SE-6 Tonopah	AITS Alamo Beatty Ball Park Belvada Basement Belvada Top Caesars Palace	Blastmeter: Ash Meadows Strain Gage: SR-1 Block SR-1 Frame SR-2 - Area 3

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
NOGGIN (cont'd)	E-MAD - NRDS		Clark County Courthouse	
	ETS-2		CP-1	
	NRDS -1		CP-17	
	NRDS - 2		Desert Inn	
	Pahute Mesa		Dunes	
	1 3		E MAD	
	2 4		ETS-1	
	Pile Driver		ETS-2	
	Q-24		Exchange Club	
	Sahara		First National Bank	
	Sands		Fremont	
	Squires Park		Goldfield Basement	
	STATIONS:		Goldfield Top	
	1 3		Horseshoe	
	2 4		Landmark	
	Tonopah		Mint Basement	
	Twin Springs		Mint Top	
			Mizpah	
			North Las Vegas	
			Q-24	
			Ramona	
			Riviera	
			Sahara 200	
			Sahara 400	
			Sands	
			SE-6	
			Stardust	
			Test Cell C	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
NOOR		CP-1 Q-25 SE-6 Tonopah	NRDS-1 Q-24	
OBAR	California Hotel Circle Park Circus Circus Howard Johnsons LVW Marie Antoinette SE-6 Squires Park Tropicana Wimbledon		Airport Marina First National Bank Sahara 400	
OSCURO	AITS Ground AITS North AITS South AITS - 2 Story Frame A3TS - SR-3 Alamo Elementary School Bear Valley Fire Station, California Butler Mountain Building Vibration System Circus Circus City Hall CP-1 East Side Stone Canyon, California ETS-1		Bank of Nevada Caesars Palace Circus Circus Desert Inn Dunes Basement Dunes Roof First National Bank Four Queens Fremont Hilton Horseshoe Garage Landmark Mint Basement	Beatty: L-1 Strain Gage: SR-2 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
OSCURO (cont'd)	Foote Mineral		Mint Pool Deck	
	Holiday Inn East Roof		Mint Roof	
	Holiday Inn Ground		Regency Towers	
	Holiday Inn West Stairwell		Riviera	
	LVW		Royal Inn	
	Melendy Ranch Aft., California		Sahara 200	
	Melendy Ranch Pad California		Sahara 400	
	MGM		Sands	
	SE-5		Stardust	
	SE-6			
	Showboat			
	Squires Park			
	SR-2 Block			
	SR-2 Frame			
	Tonopah			
	Warm Springs			
	STATIONS:			
	802 887			
	806 888			
	809 889			
	814 890			
	816 891			
	820 892			
	876 893			
	886 894			
PACKARD	SE-6			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS		MISCELLANEOUS RECORDS
	Station	Station	Station		Station
PALANQUIN		CP-1 SE-1 SE-2 SE-3 SE-6	P-1 P-2 P-4 P-5	P-6 P-8 P-9 P-10	Autocorder: SE-6 EV-300: SE-6 EV-301: SE-2 SE-4
PAR			Beatty Desert Inn ETS-1 Fremont STA-2		
PEDERNAL	AITS (C) AITS (D) AITS Ground AITS North Roof AITS South Roof AITS Sec (A) AITS Sec (B) Beatty CPX ETS-1 Holiday Inn 2nd Holiday Inn 3rd Holiday Inn Roof Q-24 SE-6		Desert Inn Mint Pool Mint Roof		Brush: SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
PEDERNAL (cont'd)	SR-2 Block SR-2 Frame SR-2 Ground Squires Park STATIONS: 748 781 751 790 770			
PETREL		SE-6		Autocorder: NLV SE-6
PICCALILLI -136-	AIT'S North AIT'S South Area 3 SR-1 Area 3 SR-2 Beatty CP-1 DOE ETS-2 NW 1 and 2 SE-6 Tonopah Firehuse Tonopah - Kelley Hotel Tonopah - NW3 Tonopah Silver Queen #1 Tonopah Silver Queen #2 Tonopah Silver Queen #3 Tonopah Silver Queen #4	SE-6 Tonopah	AIT'S Ground AIT'S North AIT'S South SR-1 SR-2	Strain Gage: SR-1 Block SR-1 Frame SR-2 Block SR-2 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
FILE DRIVER		Area 15 Public Health Farm	AITs South	Autocorder: NLV
		Dunes	Beatty #2	SE-6
		E-MAD	Caesars Palace	EV-300: SE-6
		Q-24	Clark County Courthouse	EV-301: SE-4
		Sahara 400	CP-1	SE-5
		SE-3 SE-5	CP-17	
		SE-4 SE-6	Dunes	
		Squires Park	First National Bank	
		Tonopah	Fremont	
			H. R. -1	
			Mint	
			NRDS-1	
			Q-24	
			Ramona	
			Riviera	
			Sands	
			Sahara 200	
			Sahara 400	
			SE-6	
			STA-2	
			STA-7G	
			Thompson Mine	
			Twin Springs	
			U16 A Tunnel	

PINEDALE, WYOMING
Hydrofrac

See Report PNE-WW39
Stations: GS-1 thru GS-14
USGS Recording Van

L/42:21: PI-3 (PI-7) Helicorder
PI-5 Records
S13/6202: PI-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
PIN STRIPE		Desert Inn Fantasy Park LRL Bldg. Mercury Sahara 400 SE-6 Squires Park 3rd & Hoover		Autocorder: SE-6 NLV EV-300: SE-6
PIPKIN	Beatty Convention Center CP-1 CP-17 Dunes ETS-2 Lathrop Wells Mint N. Single Area 19 Q-25 Sahara SE-6 STA-2 STATIONS: 673 679 674 680 676 681 677 682 Squires Park Tonopah		Bank of Nevada Beatty Exchange Belvada Basement Belvada 5th Caesars Palace Clark County Courthouse Desert Inn Dunes Roof E MAD ETS-1 ETS-2 ETS-3 First National Bank Fremont Holiday Inn Horseshoe Goldfield Top Johnson Res. Landmark Mint Roof	Strain Gage: Area 19

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
PIPKIN (cont'd)			Mizpah North Las Vegas NRDS-1 Q-24 Riviera Sands Sahara 200 Sahara 400 SE-6 Stardust Test Cell C	
PIRANHA		Caesars Palace Dunes E MAD Q-24 Squires Park SE-2 SE-4 SE-5 SE-6 Tonopah	AlTS South Alamo Beatty #2 Beatty #3 Caesars Palace Clark County Courthouse CP-1 Desert Inn Dunes First National Bank Fremont Mint NRDS-1 Q-24 Riviera Sahara 200	Autocorder: NLV SE-6 EV-300: SE-6 EV-301: SE-4 SE-5

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
PIRANHA (cont'd)			Sands SE-6 STA-2 Thompson Mine Twin Springs	
PLIERS		SE-6		
POD	Alamo Beatty CP-1 Dunes Mint Q-25 Sahara 400 SE-1 SE-4 SE-2 SE-5 SE-3 SE-6 Squires Park STATIONS: 416, 454 746 751 756 747 752 757 748 753 749 754 750 755 Tonopah	SE-6	AITS North AITS South SR-1 SR-2	
-140-				
POMMARD		SE-6		

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
POOL	Aladdin		Jockey Club West	DCA-300: A1TS South
	Alamo		Regency Towers	DCS-301: A1TS South
	Balsam		Valley Bank	Brewer Residence
	Beatty			Mark I
	California Hotel			Q-flex: Area 1 - T.S. Sta. #1
	Circus Circus			Area 1 - T.S. Sta. #2
	City Hall			
	Clark County Courthouse			
	Country Club Towers			
	CP-1 NTS Station 6			
	Dunes			
	First National Bank			
	Fremont			
	Hilton #1			
	Hilton #2			
	Holiday Inn			
	Los Angeles Stations:			
	2 9			
	8 10			
	LVW			
	Mark I			
	MGM			
	North Las Vegas Air Terminal			
	NTS Stations:			
	3			
	4			
	5			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
POOL (cont'd)	Pahrump Paradise Riviera Squires Park Tonopah Church Tonopah Motel Twin Springs			
-142-	PORTMANTEAU	Cambridge East Cambridge West Circle Park Country Club Towers LVW Parsons Bldg (Mark I) Squires Park SE-6 Vegas Towers	Caesars Palace #2 Dunes Basement Dunes Roof First National Bank Mint Roof Union Plaza Basement Union Plaza Roof	Brush: LVW
	PORTULACA	AITS - 2 Story Brick AITS - 2 Story Frame Beatty Clark County Courthouse City Hall CP-1 First National Bank Foote Mineral Hilton LVW	Caesars Palace Clark County Court House Dunes First National Bank Holiday Inn Landmark Mint Pool Riviera #1 Riviera #2 Sahara 200	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS		NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station		Station	Station	Station
PORTULACA (cont'd)	LO-1	LO-6		Sahara 400	
	LO-2	LO-7		Sands	
	LO-3	LO-8		Stardust	
	LO-4	LO-9		Union Plaza	
	LO-5	LO-10			
	MGM				
	Regency Towers				
	SE-6				
	Showboat Ground				
	Showboat Roof				
	Silver Peak				
	Slope Stability #1				
		#2			
		#3			
	Squires Park				
	Tonopah				
	STATIONS:				
	802	816			
	803	817			
	804	819			
	805	822			
	806	824			
	812	910			
	813	911			
	814	912			
	815	913			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS		NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station		Station	Station	Station
PRE-GONDOLA (Fort Peck Reservoir, Montana)	1S	3S			
	1W	3W			
	2N	4S			
	2S	4W			
	2W				
PRE-MINE DUST	CP-1				
	Groom Lake				
PUCE			Beatty		Autocorder: SE-6
			Dunes		EV-300: SE-6
			E MAD		EV-301: SE-4
			Q-24		Squires Park
			Sahara		
			SE-2		
			SE-4		
			SE-6		
			Squires Park		
			Tonopah		
PULL TESTS	AITS				
	Area 3				
	Area 19				
	Arizona Bridge				
	Delta Series - Colorado				
	Harmon House - Las Vegas				
	Logandale, Nevada				
	Overton, Nevada				
	Rock School, Colorado				
	Zonia Mine, Arizona				

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
PURPLE		Beatty Fantasy Park Q-25 Sahara 400 SE-3 SE-5 SE-6 Squires Park 3rd & Hoover, Las Vegas Tonopah	AITS Beatty #2 Fremont NRDS-1 Sahara 200 Tonopah	
PURSE -145-	Alamo Beatty E MAD ESTS ETS-1 ETS-1 East ETS-1 Water Tower ETS-1 W657 HDRK (Hardrock) North Test Cell "A" NRDS #1 Oasis Ranch SE-6 Slope Stab #5 STATIONS: 6.5 N 13 NNE 6.5 NE 443 13N 494 13NE 4790 Benchwork	SE-6	Area 19 N.S. Bank of Nevada Caesars Palace Clark County Courthouse Desert Inn Dunes Basement Dunes Top EMAD ESTS ETS-1 ETS-3 ETS-Tower First National Bank Fremont Hoover Dam Gallery Hoover Dam Oil House Horseshoe Landmark	Area 19 north single s/g dub Area 19 single pair s/g dub SE-6 L-7, paper 2 ea

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
PURSE (cont'd)	Test Cell "A" Test Cell "A" (HR) Test Cell "C" Tonopah Twin Springs Well J		Mint Basement Mint Roof North Las Vegas North Single NRDS-1 Riviera Sahara 200 Sahara 400 Sands Test Cell C	
PUYE				Brush: LVW
PYRO		Pyro I Pyro II Pyro III Pyro IV		
QUICK HEST 2			1 North 4 1 West 4 2 North 12 2 NW 30 2 South 24 2 West 12 3 North 3 NW 42 3 South 50 3 SW 60 3 West 24	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
QUICK HEIST 2 (cont'd)			4 West 60 5 North 70 5 West 80 6 North 87 6 NW 71 7 NW 85	
RED HOT				EV-300: SE-6 NGC-21: SE-6 (paper record)
RELIABLE MINE	Bunker Hill Mine Copper Creek Klondyke Mammoth School North Tucson Oracle Oracle Jct. San Manuel San Pedro River Sisters Ranch Smoke Stack Ground Smoke Stack Top Tailings Dike East Tailings Dike North Tailings Dike South Tailings Dike West			

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EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
REX		Beatty Fantasy Q-25 SE-1 SE-4 SE-2 SE-6 Squires Park 3rd & Hoover Tonopah	A B Beatty #1 Beatty #2 CF-17 Fremont Landmark Mercury Q-24 Sahara 200 Sahara 400 STATIONS: 1A 293 1P 3P 301 2 Thompson - Inside	Autocorder: Albuquerque North Las Vegas EV-300: SE-6
RICKEY	Alamo Ash Meadows Beatty CP-1 Dunes E-MAD ETS-2 Frenchman Mountain Lathrop Wells NRDS Admin. Pahrump Pioche SE-2 SE-4 SE-6	AITS Bank of Nevada CP-1 Goldfield Q-25 SE-6 Stardust Tonopah	AITS Alamo Bank of Nevada Belvada Basement Belvada Top Caesars Palace Clark County Courthouse Climax Mine CP-1 Desert Inn Dunes E-MAD ETS-2 First National Bank Fremont	Area 19 Test Structure South Pair s/g dub Area 19 Test Structure North Single dub Area 19 Test Structure North Pair

Tabl. 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
RICKEY (cont'd)	Slope Stability		Hoover Dam Gallery	
	Squires Park		Hoover Dam S. W. Yards	
	T-4		Horseshoe	
	T-5		Landmark	
	Tonopah		Mint Basement	
	Twin Springs		Mint Top	
			Mizpah	
			North Las Vegas	
			NRDS-1	
			Pioche	
			Q-24	
			Ramona	
			Riviera	
			Sahara 200	
			Sahara 400	
			Sands	
			SE-6	
			STA 1B	
			STA 413	
			Stardust	
			Test Cell "C"	
			STATIONS:	
			7.2a1 22	
			1 24	
			9 25	
			18 27	
RINGTAIL				

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS			NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station			Station	Station	Station
RIO BLANCO	Douglas Ranch					
	Hilton Ranch					
	RB-1	RB-11	RB-19			
	RB-2	RB-12	RB-20			
	RB-3	RB-13	RB-21			
	RB-5	RB-14	RB-22			
	RB-7	RB-15	RB-23			
	RB-8	RB-16	RB-24			
	RB-9	RB-17	RB-26			
	RB-10	RB-18	RB-1			
-150-	NSA-1	NSG-1	NSM-1			
	NSA-2	NSG-2	NSM-2			
	NSD-1		NSR-1			
	NSD-2		NSR-2			
RIVET III				Austin		
				Eureka		
				USGS Shop		
RULISON	Anvil Points					
	Aspen					
	Battlement Mtn.					
	Cameo					
	Cedarsedge					
	Collbran					
	CP-1					
	Craig					
	Delta					
	De Beque Canyon					
	De Beque School					

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
RULISON (cont'd)	Denver			
	Durango			
	Eagle			
	Eames			
	Farmington			
	Glenwood Springs			
	Grand Junction			
	Grand Valley			
	Harvey Gap			
	Lemon Ranch			
	Meeker			
	Mesa			
	Mobil Mine			
	Newcastle			
	Paoria			
	Rangely			
	Rawlins			
	Richardson			
	Rifle			
	Rt. 139			
	Rulison			
	Salt Lake City			
	Silt			
	Silverton			
	Tosco Mine			
	Tosco Tower			
	Union Carbide			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
SALMON		Gulf Oil Refinery STATIONS: 4E 160SW 5E 272SW 10S 380SW 20S	Baxterville Columbia Gulf Oil Ref. Hattiesburg Lumberton Riew's Armory STATIONS: 1E 5E 3S 2E 6E 4S 3E 1S 5S 4E 2S 6S	STA-3E H.T. L. paper
SAN FERNANDO E.Q.	The following stations were deployed for 15 different studies: STA. A-W (23 stations) 1-25 (25 stations) 31-48 (18 stations) 50-52 (3 stations) 60-83 (23 stations)		Bank of Nevada Caesars Palace #1 Caesars Palace #2 Desert Inn Dunes Basement First National Bank Fremont Hilton Horseshoe Garage Landmark North Las Vegas Riviera Royal Inn Sahara 200 Sahara 400 Sands Stardust UNLV	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
SAXON		Dry Lake 1S 1N 1W 2N 2W 3N 3W 3S 4W 5 6		
SCAUP		Dunes ETS-1 Mint Riviera SE-2 SE-3 SE-4 SE-5 SE-6	Alamo Beatty Climax Mine Inside Climax Mine Outside CP-1 Desert Inn Dunes ETS-1 Fremont Landmark Mercury NRDS-1 STA-2 Sahara 200 Sahara 400 Thompson Mine - Inside Thompson Mine - Outside	Autocorder: NLV SE-6 EV-301: SE-4 SE-5 SE-6

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
SCHOONER	Alamo	CP-1	CP-17	
	Beatty	SE-6	ETS-2	
	E MAD	Tonopah	E-MAD	
	ETS-2		HRDS	
	Frenchman Mountain			
	Kingman, Arizona			
	NRDS Admin. Bldg.			
	SE-2			
	Squires Park			
	STA-2			
SCOTCH		Alamo	Alamo	Autocorder: SE-6
		Beatty	AITS	Area 1 Test Structure
		Bishop, Calif.	Bank of Nevada	Area 19 North Pair
		EMAD	Beatty Ball Park	Area 19 North Single
		Landmark	Belvada 5th	Area 19 South
		Q-24	Caesars Palace	Area 20
		Sahara 200	Climax	STA 417 419
		SE-2	Clark County Court House	418 420
		SE-6	CP-1	EV-300: SE-6
		Squires Park	CP-17	EV-301: SE-2
		Tonopah	Desert Inn	
			ESTS-1	
			Exchange Club (Beatty)	
			First National Bank	
			Fremont	
			Goldfield Basement	
			Goldfield Top	
			Horseshoe	
			HR-2	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
SCOTCH (cont'd)			HR-4 Landmark Mint Basement NLV Pahrump Pioche Q-24 Riviera Sahara 200 Sahara 400 Sands SE-6 STATIONS: 1B 413 416 T-4 T-5 U12N Tunnel U12N #2	
-155-				
SCREAMER		SE-6		Autocorder: SE-6 EV300: SE-6
SCROLL	Beatty	CP-1 Q-25 SE-6 Tonopah	Belvada Top STATIONS: 467 470 468 471 469	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
SEPIA		Mercury (LRL) Q-25 SE-6 STATIONS: 300 482 477 677 525/500 682 1001 Security Bldg. W10/155		Autocorder: SE-6 EV 301: SE-6
SHAPER -156-	Bank of Nevada SE-6	SE-6	Bank of Nevada Roof Caesars Palace Desert Inn First National Bank Landmark Mint Roof North Las Vegas Riviera Sands Sahara 200 Sahara 400 Stardust	SE-6 Brush
SHOAL		East 1 East 2 North 2 West 1 Mercury STA 10	STATIONS: 1/2 A 1C Low 2A 6B 1/2 C 1C High 2B 9D 1A 1D Low 2C 12A 1A Low 1D High 16D 1B	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	1-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
SHOAL (cont'd)			ETS-1 Fallon Gabbs Mine Naval Air Station Scheelite Mine	
SHUFFLE		CP-1 Q-25 SE-6 Tonopah	Q-24	
SLED -157-	Alamo All. Alamo HR Beatty Dunes E MAD ETS-1 NRDS-1 Sahara 400 Sands SE-6 Squires Park STATIONS: 1 Pahute H. R. 2 Pahute H. R. 3 Pahute 4 Pahute Twin Springs	AITS CP-1 Q-25 Sands SE-6 Tonopah	AITS North AITS South Alamo Bank of Nevada Belvada Basement Belvada Top Caesars Palace Clark County Court House CP-1 Desert Inn Dunes ETS-2 Exchange Club First National Bank Fremont Basement Goldfield Basement Goldfield Top Horseshoe Landmark Tower Mint Basement	Area SR-1 s/g dub Area 19 North Single Area 19 North Pair Area 19 South Pair Blastmeter: Ash Meadows

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
SLED (cont'd)			Mint Top North Las Vegas Q-24 Ramona Riviera Sahara 400 Sands SR-1 SR-2 Stardust T Cell C Twin Springs	
-158- SNUBBER	DCE ETS-2 SE-6		AITS Ground AITS South SR-1	Brush: CP-1 DAC ELY LEE NEL TPH
SPIDER	ETS #2	SE-6		
STACCATO		SE-6		
STANLEY		Elko Library Hot Creek: 1 3 5 7 2 4 6 8 SE-6 Tonopah	ESTS-1 NRDS-1 NRDS-2	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
STANYAN	California Club		Clark County Courthouse	Brush: LVW
	LVW		First National Bank	Mark I
	Mark I		Mint Basement	
	SE-6		Mint Pool	
	Squires Park		Mint Roof	
			Union Plaza	
STARWORT	AITs South		Bank of Nevada	Brush: LVW
	Beatty All.		Caesars Palace #1	
	Beatty HR		Caesars Palace #2	
	City Hall		Circus Circus	
	CP-1		Clark County Courthouse	
	Foote Mineral		Desert Inn	
	Kyle Canyon		Dunes Basement	
	LVW		Dunes Roof	
	MGM		Exchange Club (Beatty)	
	Regency Towers		Fremont	
	SE 6		Hilton	
	Showboat		Landmark	
	Silver Peak		Mint	
	Slope 1		Union Plaza	
	Slope 2		Riviera #1	
	Slope 3		Riviera #2	
	Squires Park		Sahara 200	
	SR-1 Block		Sahara 400	
	SR-2 Frame		Sands	
	STATIONS:		Stardust	
	872 906			
	873 907			
	Tonopah All			
	Tonopah HR			

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
STERLING		Baxterville School Baxterville U. S. P. O. Columbia High School Hattiesburg Hospital Hattiesburg Motel Lumberton Purvis - Bass Memorial STA 10S STA 20S	STATIONS: 1 7 2 8 3 9 4 10 5	Autocorder: Columbia Hattiesburg Lumberton
STERLING H. E. -160-		10S 20S	#1 (Mississippi)	Autocorder: Hattiesburg Lumberton Purvis
STILTON/ HUSHED ECHO	Bank of Nevada California Hotel Cambridge Circle Park Country Club Towers Dunes First National Bank Fremont Holiday Inn Howard Johnson (Paradise) La Concha LVW Royal Inn SE-6 Squires Park Tropicana Ground USGS Shop		Airport Marina Carriage House First National Bank Jockey Club East Jockey Club West Sahara 400 Showboat Valley Bank	DCS-301: USGS Shop

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
STINGER	Alamo	CP-1	A1TS	Area 1 s/g
	Beatty	Desert Inn	Alamo	Area 19 N.P. s/g
	CP-1	Goldfield	Bank of Nevada	Area 19 S.P. s/g
	E MAD	Q-24	Belvada 5th	Area 19 Single s/g
	NRDS Admin.	Salt Lake City, Utah	Caesars Palace	Strain Gage Experimental Camper
	SE-2	SE-6	Clark County Courthouse	
	SE-4	Tonopah	Climax	
	SE-6		CP-17	
	STA 416		Dunes	
	Tonopah		ESTS-1	
			Exchange Club	
			First National Bank	
			Fremont	
			Goldfield Basement	
			Goldfield 2nd	
			Horseshoe	
			Landmark Tower	
			Mint Basement	
			Mint Top	
			NRDS-1	
			NRDS-2	
			North Las Vegas	
			Ramada	
			Riviera	
			Sahara 200	
			Sands	
			SE-6	
			STA	
			STA 413	
			Stardust	
			Twin Springs	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
STODDARD	Alamo	CP-1	AITS Ground	AITS Block s/g dub
	Dunes	Q-25	AITS North	SR-1 Block s/g dub
	E-MAD	SE-6	AITS South	SR-1 Frame s/g dub
	Sahara	Tonopah	Q-2e	SR-4 s/g dub
	Sands		SR-1	SR-5 s/g dub
	Slope Stability			
	Tonopah			
	Twin Springs			
STRAIT	Aladdin		Airport Marina	DCS-301: AITS South
	Alamo		Bank of Nevada	Brewer Residence
	Balsam		Caesars Palace #1	Marie Antoinette
	Beatty		Caesars Palace #2	Mark I Ground
	California Hotel		Caesars Palace #3	DCS-300: AITS South
	Circus Circus		Carriage House	
	City Hall		Desert Inn	Q-Flex: Area 1 T.S. Sta. #1
	Clark County Courthouse		Dunes Hotel	Area 1 T.S. Sta. #2
	Country Club Towers		First National Bank	
	Dunes		Four Queens Hotel	
	First National Bank		Jockey Club East	
	Fremont		Jockey Club West	
	Hilton #1		Landmark Towers	
	Hilton #2		Mint Hotel Pool	
	Holiday Inn		Mint Hotel Roof	
	LVW		Regency Towers	
	Los Angeles Stations:		Riviera #1	
	2 9		Riviera #2	
	8 10		Sahara 200	
			Sahara 400	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
STRAIT (cont'd)	Mark I		Sands Hotel	
	MGM		Stardust	
	NLV Air Terminal		Union Plaza	
	NTS Stations:		Valley Bank	
	1 4		Vegas Towers East	
	2 5		Vegas Towers West	
	3 6			
	Pahrump			
	Paradise (Howard Johnson)			
	Riviera			
STUTZ	Squires Park			
	Topopah Motel			
	Twin Springs			
		McCarran Control Tower		Autocorder: SE-6
		SE-6		EV-300: SE-6
		Austin	ESTS-1	
		Ely #1	NRDS 1	
		SE-6	NRDS 2	
		STATIONS:	STATIONS:	
SWITCH		8 10	2	
		9 11	3	
			4	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
TAN		Dunes	A1TS South	A1TS - North s/g dub & paper
		E MAD	Beatty #2	A1TS - South s/g dub & paper
		Q-24	Beatty #3	Area 3 - STA 305 s/a dub
		Sahara	Caesars Palace	Area 7 - s/g dub
		SE-3	Clark County Courthouse	Autocorder: NLV
		SE-4	CP-1	SE-6
		SE-5	Desert Inn	EV-300: SE-4
		SE-6	Dunes	SE-5
		Squires Park	First National Bank	
		Tonopah	Fremont	EV-301: SE-6
			H. R. 1	
			H. R. 4	
			H. R. 5	
			Mint	Helicorder: SE-6
			NRDS-1	STATIONS: 302 312
			Q-24	(paper) 303 313
			Ramona	304 314
			Riviera	305 315
			Sahara 200	
			Sahara 400	
			Sands	
			SE-6	
			STATIONS:	
			5-D 309	
			306 310	
			307 311	
			STA 2	
			Twin Springs	
			U12N Tunnel	
			U16A	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
TANYA	Alamo	CP-1	AITs #1	SP 5 - s/g dub
	AITs - Stations	Q-24	SR-1	SR-1 Block
	1 4	Q-25	SR-2	SR-1 Frame
	2 5	SE-6	SR-4	SR-2 s/g dub
	3	Tonopah	SR-5	
	Dog Point			
	E MAD			
	EW 1, 2, 3, 4, 5, 6, 7, 8, 9			
	Frenchmen Mountain			
	SE-6			
TAPESTRY -165-		Caesars Palace		EV-301: SE-4
		Dunes		
		E MAD		
		Q-24		
		SE-2		
		SE-4		
		SE-5		
		SE-6		
		Squires Park		
		Tonopah		
TAPPER	ETS-1	SE-6	AITs Ground	SR-1 Block s/g
	SE-6		AITs North	SR-1 Frame s/g
	Slope Stability		AITs South	SR-2 Block s/g
			SR-1	
			SR-2	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (CRGS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
TEE				Autocorder: SE-6 EV-300: SE-6
TERRINE	Bank of Nevada Beatty All. Beatty Ball Park Beatty H. R. CP-1 DOE ETS-2 Kelley Hotel NW #1 NW #2 SE-6 Silver Queen #1 Silver Queen #2 Silver Queen #3 Silver Queen #4 STATIONS: 770 774 778 771 775 779 772 776 780 773 777 781 Tonopah Firehouse Tonopah NW Tonopah NW Stations 1, 2, 3, 5, & 6	SE-6 Tonopah	Bank of Nevada Clark County Courthouse CP Desert Inn Dunes Basement Dunes Roof ETS-1 ETS-2 ETS-3 Holiday Inn Landmark Mint Basement Mint Roof Riviera Sahara 400 Stardust	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS				NGC-21 TAPE AND/OR 10" PAPER RECORDS		STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS		MISCELLANEOUS RECORDS
	Station				Station		Station		Station
TIJERAS	AITS North				Tonopah		Bank of Nevada		Brush: SE-6
	AITS South						Caesars Palace		
	Beatty						Desert Inn		
	CP-1						Dunes Basement		
	Squires Park						Dunes Roof		
	SE-1						Four Queens		
	SE-2						Fremont		
	SE-3						Holiday Inn		
	SE-4						International		
	SE-5						Landmark		
	SE-6						Mint Basement		
	STATIONS						Mint Roof		
	413	803	810	818			NLV		
	677	804	811	819			Riviera		
	679	805		820			Sahara 200		
	799	806	813	821			Sahara 400		
800	807	814	822	SE-6					
801	808	815	823	Stardust					
802	809	816							
TINDERBOX	MT-2				SE-6		AITS Ground		SR-1 Block s/g dub
	N-39, 47, 82						AITS Roof North		SR-1 Frame s/g dub
	SE-6						AITS Roof South		SR-4
							SR-1	SR-4	SR-5
							SR-2	SR-5	

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October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
TINY TOT		SE-6 STATIONS 1 6 2 7 3 8 4 9 5 11		Autocorder: SE-6 EV-301: SE-6
TOMATO -168-		AITS Horseshoe NRDS Admin. Bldg SE-6		Autocorder: SE-6
TOPGALLANT	California Hotel Circle Park Circus Circus Country Club Towers First National Bank LVW Jockey Club SE-6 Squires Park Tropicana Vegas Towers		First National Bank	DCS-301: USGS Shop
TORRIDO	ETS-1 SE-6 Slope Stability	SE-6 Tonopah	AITS Ground A1T - North A1T - South SR-1 SR-2	Strain Gage: SR 1 SR 2

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
TRAVELER		SE-6		Autocorder: NLV SE-6
TUB	Alamo NRDS SE-6 Slope Stability STA-1 North STA-1 South STA-1 West STA-2 North STA-2 South STA-3 North Twin Springs	SE-6		
-691-				
TURF		S-4 S-5 S-6 T-3 T-4 T-5 T-6	Alamo Beatty S-1 T-1 T-2	Blastmeter: Sahara
TWEED		AM-1 HR AM-2 AL LV-1 HR LV-2 AL Sahara 200 SE-6		Autocorder: NLV SE-6 EV-300: SE-6 EV-301: AM-2A LW-2A

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
TYBO	California Hotel Cambridge Circle Park City Hall First National Bank Holiday Inn Howard Johnsons (Paradise) La Concha LVW MGM Royal Inn SE-6 Squires Park Tropicana		Airport Marina First National Bank Mint Penthouse Mint Pool Sahara 400	DCS-301: SE-6
-170-				
TYG		SE-6		
UMBER		Austin 6, 7, 8 Austin 8, 9, 10, 11 Ely, Nevada SE-6 Tonopah	ESTS NRDS 1 NRDS 2 Rainier Mesa SR-3	
WISE	DOE ETS-1 SE-6	SE-6	AITS Ground AITS North AITS South SR-1 SR-2	Strain Gage: SR-1 Block SR-1 Frame SR-2 Block SR-2 Frame

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/CR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
WAGTAIL		E MAD Fremont Landmark Tower Sahara 400 SE-2 SE-5 SE-3 SE-6 SE-4	Climax CP-1 Desert Inn DOD ETS-1 Fremont Hard Hat Shaft Hard Hat Top Sahara 200 Sahara 400 SE-6 Thompson Mine Thompson Tunnel	
-171-				
WARD		SE-6		
WASHER		Beatty Beatty STS E MAD Q-25 SE-3 SE-5 SE-6 Squires Park Tonopah		
WINESKIN	DOE SE-6	SE-6	AITS Ground AITS Roof North AITS Roof South SR-4 SR-5	SR-4 s/g dub SR-5 s/g dub

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
WISHBONE				Autocorder: SE-6
WOOL		Clark County Courthouse Landmark R MAD Bldg R Mad Water Tower SE-6	Desert Inn Fremont Sahara	
YANNIGAN	Area 1 Center, North, South Beatty Van Beatty Van Comp. DOE ETS-2 Q-25 SE-1 SE-4 SE-2 SE-5 SE-3 SE-6 Squires Park SR-1 SR-2 STATIONS 454 787 791 781 788 792 785 789 793 786 790 794 795 Tonopah	SE-6 Tonopah	ETS-1 NRDS-1 Test Cell C	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
YARD		Beatty	Bank of Nevada	Area 1 s/g dub
		E MAD	Beatty Ball Park	
		First National Bank	Belvada Basement	
		Holiday Inn	Belvada Top	
		Q-25	Caesars Palace	
		SE-6	Clark County Courthouse	
		Squires Park	Climax	
		Tompah	CP-1	
			CP-17	
			Dunes	
			ESTS-1	
			Exchange Club (Beatty)	
			First National Bank	
			Fremont	
			Goldfield Top	
			Horseshoe	
			Landmark	
			Mint Basement	
			Mint Top	
			NLV	
			NRDS 1	
			NRDS 2	
			Pahrump	
			Q-24	
			Ramona	
			Sahara 200	
			Stardust	
			STA 2	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
ZAZA		Alamo	AITS South	Strain Gage: Area 1
		Beatty	Alamo	
		NRDS-1	Bank of Nevada	
		Q-25	Caesars Palace	
		Sahara 400	Climax Mine	
		Sands	CP-1	
		SE-2	Desert Inn	
		SE-6	Dunes	
		Squires Park	ETS-1	
		Tonopah	Exchange Bldg (Beatty)	
			First National Bank	
			Fremont	
			Horseshoe Garage	
			Landmark	
			Mint Top	
			NLV	
			NRDS 1	
			NRDS 2	
			Pahrump	
			Pioche	
			Q-24	
			Riviera	
			Sahara 200	
			Sahara 400	
			Sands	
			Stardust	
			STATIONS	
			2 415 429	
			261 425 430	
			413 427 431	
			414 428	

Table 3. Seismic Record Summary
October 1963 thru June 1976

EVENT	L-7 TAPE RECORDS	NGC-21 TAPE AND/OR 10" PAPER RECORDS	STRONG MOTION (C&GS Accelerograph) 12" PAPER RECORDS	MISCELLANEOUS RECORDS
	Station	Station	Station	Station
ZINNIA -175-	AITs North			Strain Gage: SR-2 Block SR-2 Frame
	AITs - 2 Story Brick			
	AITs - 2 Story Frame			
	Brock Mountain			
	CP-1			
	Holiday Inn			
	LVW			
	RHN			
	SE-6			
	SR-1			
	SR-2			
	STATIONS			
	748 785			
	777 790			
	781			
	Tonopah			
ZONIA MINE	Prescott, Arizona Stations: Free Field Sta. 1, 2, & 3 Ground Plant Sta. 1, 2, 3, 4, 5, 6 Observer Point FF Whipple Vet's Hospital Zonia Mine Admin.			

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