Ross, C.S., 1931, The Valles Mountain volcanic center of
New Mexico; Trus Am. Georgh. Umon 12 ann Inter
P. 185-186

Mills, D.E, 1952, Petrogenesis of some puliti in Peralta Conym, Sandoral Co, New Medio: Ms Theris Vy New Mexico.

Kelley V. C. 1954 Tectonic Map of Upper Riv Grande

Wood G. H. 1946 Ceof of the Nacimiento Mt, Saw Pedro & adj. Plateaus us Geol Survey oil & Gas Inv. Prelin. Map 57

Smith R.L. Struck Evol of Valles Caldera U.S.G.S. Prof Paper 424D p. D145-149

Ross c.s. Outline of Geol of Jewer, who be of the Alb. Country N.M. Ceol. Soc. 12th fld. conf.

Atk inson William Geol & San Pedro Alts.

8 N.M. Bur. Mines & Min. Bull. 77 p. 50

Ilston, Wolfgang Ash flows of Valles OSA vol. 81 no. 11 p 3393 3406

Bugler Edward C. Gool & Min resourses
N. M. Bun. Mines & Mineral vol. 91 p 158

Smith RL., 1966, The

Bandelie Tuff-a Study

Bandelie Tuff-a Study

Gosh flow engetim

Cycle flow engetim

Charles: Bull volumed

Vol. 79 p. 83.

Summers, WK, 1960, a Preliminal on Non gerl, Energy resources; N.M. Bur mines and much Ris. Line. 83.—

The Caralle So

Morovelle, R.L. 1965
Themal controlmed of mil
mon gillo hansed has
Somewalled; USBM
Rod Som. 6604

Rose, CS 1962 Valle

Grande: New Mexico May

Vol 40 P.S.

Elston, W. E, 1971, Valle

Condien ose flu stuf

diestr, GSA Oral vols,

P. 3383

The Sante Fe Guys N.M.

Om. Mus. Nal Wisters

Bull V. 144

Smit RL, 1970, Geologie map of to Jemes mth New Mexico US GS Misc Gent Thu. map I-SH

Elshn, W.E., 1967, Sonny Januar Ran Bernolillo Sandourl, & Sand Fe G. Mew. menio; NM Bur mines & mines Res Bull 81

Bengle, El, 1968, Gester O Embalo Nm; New Myris Du mune and mune Lea. Bull 91

Baily RA, Smlp RL, 1969, Stralyzohre Nomendalow 1 vol. Forls ormes relative W. M. i USGS Bull 1274.

Kunkler, J. L., 1969 Bordeler Tuff . Co2 gas tos domins N.M; \$15GS Try Peper 650-B p. 185

Doell, RR old, 1968, Valles Caldera al amounted of rols; OSA mem 116

Smith RL., 1968, Resugal Coulding in Studies in Volcomby - GSAmen 116 p.63

order frame.

Smoth R.L., 1968, State struct and volcame evolular Jenes into NIW. Colo 5 chel mins Quits. U.63 9.259

0

PILIUNGTON

DEPARTMENT OF GEOLOGY

UNIVERSITY OF NEW MEXICO

CHRONOLOGICAL LIST OF

MASTERS THESES (1930 ---) AND DOCTORAL DISSERTATIONS (1962 ---)

Note--Theses and dissertations are listed chronologically, according to the year given on the title page. A year given in parentheses is the year in which the degree was conferred.

- 1930 HARRINGTON, ELDRED R. Geologic report of the Shoshone region, Idaho, 63 p. MA
- 1931 VANN, RICHARD P. Paleontology of the Upper Certaceous of Chaco Canyon, New Mexico, 64 p. MA
- 1932 BISBEE, WALLACE A. The paleontology and stratigraphy of the Magdalena group of northern and central New Mexico, 99 p. MA
- 1936 McGUINNESS, CHARLES L. The minerals of New Mexico, 346 p. MS
- 1940 MURPHEY, LESLIE V. A bibliographic index of fossils from New Mexico which have been described and/or illustrated in the geologic literature, 250 p. MA
- 1946 SILVER, CASWELL. Geology and ore deposits of the Dunmore mine, Ouray County, Colorado, 55 p. MS
- 1948 BEAUMONT, EDWARD C. Correlation between electric and lithologic characteristics in four wells in San Juan County, New Mexico, 41 p. MS
 - JOHNSON, ROSS B. A petrographic study of the lower Madera limestone in central New Mexico, 78 p. MS
 - SILVER, LEON T. Paragenesis of the ores of Poughkeepsie Gulch, San Juan Mountains, Colorado, 81 p. MS
- 1949 HARRISON, EARL P. Geology of the Hagan coal basin, 177 p. MS HENDREN, CELIA F. Paleoecology of the Brachiopoda, 70 p. MS
- 1950 EMERICK, WILLIAM L. Geology of the Golden area, Santa Fe County, New Mexico, 66 p. MS
 - EMMANUEL, ROBERT J. The geology and geomorphology of the White Rock Canyon area, New Mexico, 65 p. MS

COLDSMITH, LOUIS H. A study of the Breece, New Mexico, Hishikari, Japan, and Mino, Japan, meteorites, 55 p. MS

NOBLE, EDWIN A. Geology of the southern Ladron Mountains, Socorro County, New Mexico, 81 p. MS

STEVENSON, RALPH G., JR. A study of the La Lande, New Mexico, Yonozu, Japan, and Glorieta Mountain, New Mexico, meteorites, 45 p. MS

UGRINIC, GEORGE M. The geology and ground-water resources of Bernalillo County, New Mexico, 80 p. MS

1951 GIVENS, DAVID B. A new basic copper phosphate mineral [chinoite] from Santa Rita, New Mexico, 12 p. MS (degree conferred June, 1952).

HAYES, PHILIP T. Geology of the Pre-Cambrian rocks of the northern end of the Sandia Mountains, Bernalillo and Sandoval Counties, New Mexico, 54 p. MS

LYONS, THOMAS R. Sedimentary petrology of the Dakota sandstone in the San Juan Basin of New Mexico and Colorado, 94 p. MS

1952 BORTON, ROBERT L. Jade: Its occurrences, mineralogy, geology, uses, and technology, 91 p. MS

BRUNTON, GEORGE D. The study of an unusual augite near Cabezon Peak, Sandoval County, New Mexico, 40 p. MS

de CSERNA, ZOLTAN. Geology of the Sierra de Santa Rita, Zacatecas, Mexico, 71 p. MS

MAXWELL, CHARLES H. Pleonaste crystals from an olivine basalt, Caballo Mountains, New Mexico, 43 p. MS

MILLS, DONALD E. Petrogenesis of some perlite in Peralta Canyon, Sandoval County, New Mexico, 50 p. MS

SOISTER, PAUL E. Geology of Santa Ana Mesa and adjoining areas, Sandoval County, New Mexico, 126 p. MS

1953 BALTZ, ELMER H., JR. Stratigraphic relationships of Cretaceous and early Tertiary rocks of a part of northwestern San Juan Basin, 101 p. MS

BOGART, LOWELL E. The Hueco (Gym) limestone, Luna County, New Mexico, 91 p. MS

BUSHNELL, HUGH P. Geology of the McRae Canyon area, Sierra County, New Mexico, 106 p. MS

CALDWELL, JOHN W. Stratigraphic analysis of the Upper Cretaceous Pictured Cliffs sandstone in northeastern San Juan County, New Mexico, 59 p. MS

CHENOWETH, WILLIAM L. The Variegated member of the Morrison formation in the southeastern part of the San Juan Basin, Valencia County, New Mexico, 86 p. MS

DISBROW, ALAN E. The structural geology of the Cerrillos Hills area, New Mexico, 35 p. MS

JOHNSTON, HERBERT C., JR. Geology of East Grants Ridge, Valencia County, New Mexico, 51 p. MS

west of to

LOOKINGBILL, JOHN L. Stratigraphy and structure of the Gallina uplift, Rio Arriva County, New Mexico, 118 p. MS

O'SULLIVAN, ROBERT B. Geology and mineralogy of the Fierro-Hanover district, Grant County, New Mexico, 76 p. MS

out in X

SEARS, RICHARD S. Geology of the area between Canjilon Mesa and Abiquiu, Rio Arriba County, New Mexico, 71 p. MS

SHARP, KENNETH D. Paleontology and stratigraphy of the Upper Cretaceous rocks between Mount Taylor and the Rio Puerco, 93 p. MS

SZABO, ERNEST. Stratigraphy and paleontology of the Carboniferous rocks of the Cedro Canyon area, Manzanita Mountains, Bernalillo County, New Mexico, 137 p. MS

TOOMEY, DONALD F. Paleontology and stratigraphy of the Carboniferous rocks of the Placitas region, northern Sandia Mountains, Sandoval County, New Mexico, 192 p. (47 pls., up to p. 239). MS

1954 DIXON, GEORGE H. Records of wells drilled for oil and gas in New Mexico, 195 p. MS

REYNOLDS, CHARLES B. Geology of the Hagan-La Medera area, Sandoval County, New Mexico, 82 p. MS

- 1955 THOMPSON, SAM, III. Geology of the southern part of the Fra Cristobal Range, Sierra County, New Mexico, 75 p. MS
- 1956 DEL MAR, ROBERT. The instability of folded structures, 56 p. MS

GALLOWAY, SHERMAN E. Geology and ground-water resources of the Portales Valley area, Roosevelt and Curry Counties, New Mexico, 167 p. MS

GASKILL, DAVID L. Geology of the White Rock Mountain area, Gunnison County, Colorado, 175 p. MS

HILL, JOHN D. Paleozoic stratigraphy of the Mud Springs Mountains, Sierra County, New Mexico, 72 p. MS

JACOBS, RICHARD C. Geology of the central front of the Fra Cristobal Mountains, Sierra County, New Mexico, 47 p. MS

MOHAR, JOHN, JR. Geology of the Rinconada Canyon area, Valencia County, New Mexico, 55 p. MS

Bang M

MUTSCHLER, FELIX E. Geology of the Canjilon cauldron sink near Bernalillo, Sandoval County, New Mexico, 41 p. MS

SWIFT, ELLSWORTH R. Study of the Morrison formation and related strata, north-central New Mexico, 79 p. MS

1957 JORDAN, [G.] Correlation of reef calcarenites of the Pennsylvanian Paradox formation, San Juan Canyon, Utah, 90 p. MS

LUSTIG, LAWRENCE K. The mineralogy and paragenesis of the Lone Star deposit, Santa Fe County, New Mexico, 55 p. MS (1958).

PARRY, MARSHALL E. A sandstone channel in the Mesaverde group near Cuba, New Mexico, 90 p. MS

RAWSON, DONALD E. Geology of the Tecolote Hills area, Lincoln County, New Mexico, 77 p. MS

SMITH, JAMES A. Insoluble residue study of Pennsylvanian strata exposed in San Juan Canyon, San Juan County, Utah, 84 p. MA

1958 ASH, HENRY O. The Jurassic Todilto formation of New Mexico, 63 p. MS

FALLIS, JOHN F., JR. Geology of the Pedernal Hills area, Torrance County, New Mexico, 50 p. MS

west of t

FITTER, FRANCIS L. Stratigraphy and structure of the French Mesa area, Rio Arriba County, New Mexico, 66 p. MS

GRATTON, PATRICK J. F. Geology of the Hidden Mountains, Valencia County, New Mexico, 56 p. MS

HARBOUR, JERRY. Microstratigraphic and sedimentational studies of an early man site near Lucy, New Mexico, 111 p. MS

HOMME, FRANK C. Contact metamorphism in the Tres Hermanas Mountains, Luna County, New Mexico, 88 p. MS (1959).

and NO

HUTSON, OSLER C. Geology of the northern end of San Pedro Mountain, Rio Arriba and Sandoval Counties, New Mexico, 55 p. MS

KIRKLAND, DOUGLAS W. The environment of the Jurassic Todilto basin, northwestern New Mexico, 69 p. MS

LOVEJOY, BILL P. Paleontology and stratigraphy of the Jemez Springs area, Sandoval County, New Mexico, 101 p. MS

McRAE, OTIS M. Geology of the northern part of the Ortiz Mountains, Santa Fe County, New Mexico, 112 p. MS

PETERSON, JOHN W. Geology of the southern part of the Ortiz Mountains, Santa Fe County, New Mexico, 115 p. MS

1959 BRUNS, JOHN J. Petrology of the Tijeras greenstone, Bernalillo County, New Mexico, 119 p. MS

CARGO, DAVID N. Mineral deposits of the Granite Gap area, Hidalgo County, New Mexico, 70 p. MS

CARTEN, THOMAS L. Pennsylvanian spores from the Sandia formation, Santa Fe County, New Mexico, 54 p. MS

DEURMYER, JAMES J. The geology of the South Fork thrust and subsurface geology of the Belknap Ranch, Park County, Wyoming, 79 p. MS

FINNEY, JOSEPH J. The crystal structure of CeNi, 39 p. MS

PERKINS, RONALD D. Lithogenesis of the Pennsylvanian Madera formation of Palomas Peak, Sandia Mountains, New Mexico, 76 p. MS

ANDERSON, JEROME E. Geology and geomorphology of the Santo Domingo basin, Sandoval and Santa Fe Counties, New Mexico, 110 p. MS

ATKINSON, WILLIAM W., JR. Geology of the San Pedro Mountains, Santa Fe County, New Mexico, 81 p. MS

BOWERS, WILLIAM E. Geology of the East Potrillo Hills, Dona Ana County, New Mexico, 67 p. MS

BRADY, JOHN F., JR. Qualitative reconnaissance methods of geochemical exploration, 20 p. MS

CAPRIO, EUGENE R. Water resources of the western slopes of the Sandia Mountains, Bernalillo and Sandoval Counties, New Mexico, 176 p. MS

CARTER, JAMES F. Spores of the Pennsylvanian Toronto limestone in Kansas and Oklahoma, 121 p. MS

DILWORTH, OTTIS L. Upper Cretaceous Farmington sandstone of northeastern San Juan County, New Mexico, 96 p. MS

HINDS, JIM S. Controls on Paradox salt deposition in the area of Comb monocline, San Juan County, Utah, 36 p. MS

LODEWICK, RICHARD B. Geology and petrography of the Tijeras gneiss, Bernalillo Cou.ty, New Mexico, 63 p. MS

McCLEARY, JOHN T. Geology of the northern part of the Fra Cristobal Range, Sierra and Socorro Counties, New Mexico, 59 p. MS

M'GONIGLE, JOHN W. A magnetic survey in the Rio Grande depression, 56 p. MS

Sex

Ze X

Ses Y

PRADHAN, BISWA M., and SINGH, YOGENDRA L. Geology of the area between Virden and Red Rock, Hidalgo and Grant Counties, New Mexico, 75 p. MS

SINGH, YOGENDRA L. See Pradhan, B. M.

1961 ASH, SIDNEY R. Geology and ground-water resources of northern Lea County, New Mexico, 66 p. MS

EDNONDS, ROBERT J. Geology of the Nutria monocline, McKinley County, New Mexico, 100 p. MS

EMERSON, JOHN W. A petrographic and environmental study of the Upper Cretaceous Greenhorn limestone, New Mexico, 94 p. MS

HELMS, PHYLLIS B. Lithogenesis of atoll sediments, Uliga Island, Majuro Atoll, Marshall Islands, 105 p. MS

HUBER, JAMES R. Sedimentary petrogenesis of the Yeso-Glorieta-San Andres transition, Joyita Hills, Socorro County, New Mexico, 86 p. MS

JOHNSON ELDRED. The structure and stratigraphy of the Frontier formation in the Big Piney-La Barge area, Sublette and Lincoln Counties, Wyoming, 85 p. MS

LAMBERT, PAUL W. Petrology of the Precambrian rocks of part of the Monte Largo area, New Mexico, 108 p. MS

MERKLE, ARTHUR B. Anisotropism in garnets, 51 p. MS

REDDY, GEORGE R. Geology of the Queen Lake domes near Malaga, Eddy County, New Mexico, 84 p.

SEAGER, WILLIAM R. Geology of the Jarilla Mountains, Tularosa basin, New Mexico, 80 p. MS

WERRELL, WILLIAM L. Pennsylvanian ostracods and fusulinids of Tijeras and Cedro Canyons, Bernalillo County, New Mexico, 102 p. MS

1962 BALTZ, ELMER H., JR. Stratigraphy and geologic structure of uppermost Cretaceous and Tertiary rocks of the east-central part of the San Juan Basin, New Mexico, 294 p. Ph.D.

BROWN, BERT N. Geology of the Sedillo-Cedro Canyon area, Bernalillo County, New Mexico, 64 p. MS

CATACOSINOS, PAUL A. Stratigraphy and paleontology of the Pennsylvanian rocks of the rim of the Sandia Mountains, Sandoval and Bernalillo Counties, New Mexico, 76 p. MS

CLARK, KENNETH F. Hypogene zoning in the Lordsburg mining district, Hidalgo County, New Mexico, 136 p. MS

CLEMONS, RUSSELL E., and McLEROY, DONALD F. Geology of Torreon and Pedricenas quadrangles, Coahuila and Durango, Mexico, 182 p. MS

CORDELL, LINDRITH E. Pennsylvanian paleotectonics in central northwestern New Mexico, 62 p. MS

KIRKLAND, PEGGY L. Permian stratigraphy and stratigraphic paleontology of the Colorado Plateau, 245 p. MS

McLEROY, DONALD F. See Clemons, R. E.

MELVIN, NORMAN W. Detrital minerals of Tijeras Canyon, Bernalillo County, New Mexico, 81 p. MS

RIMAL, DURGA N. Mineralogy of rose muscovite and lepidolite from the Harding pegmatite, Taos County, New Mexico, 94 p. Ph.D.

SNYDER, DON O. Geology of the Empire Abo field, Eddy County, New Mexico, 77 p. MS

1963 KIRKLAND, DOUGLAS W. Paleoecology of the varved Rita Blanca lake deposits, Hartley County, Texas, 119 p. Ph.D.

McSWAIN, JAMES L. Stratigraphic analysis of the Queen and Grayburg formations, southeastern Chaves County, New Mexico, 53 p. MS

MELVIN, JAMES W. Cretaceous stratigraphy in the Jornada del Muerto region, including the geology of the Mescal Creek area, Sierra County, New Mexico, 121 p. MS

STURDEVANT, JAMES A. Petrography of the Olalla stock, Okanagan Mountains, British Columbia, 84 p. MS

4

THOMPSON, TOMMY B. The geology of the South Mountain area, Bernalillo, Sandoval, and Santa Fe Counties, New Mexico, 69 p. MS

WAGNER, LAWRENCE H. Origin of some recent tractional sedimentary structures in the Rio Puerco near Bernardo, Socorro County, New Mexico, 64 p. MS

WEILBACHER, CAROL A. Interpretation of the laminations of the Oligocene Florissant lake deposits, Colorado, 115 p. MS

1964 BLACK, BRUCE A. The geology of the northern and eastern parts of the Ladron Mountains, Socorro County, New Mexico, 117 p. MS

CONEY, PETER J. Geology and geography of the Cordillera Huayhuash, Peru, 256 p. Ph.D.

DEAN, WALTER E., JR. Slope deposits of the Pennsylvanian Haymond formation, Marathon region, Texas, 73 p. MS

PHILLIPS, CHARLES H. Geology of the La Madera area, Sandia Mountains, New Mexico, 75 p. MS

YALE, FRED R. Petrography of a cyclical sequence, upper Madera Limestone, Sandia Mountains, New Mexico, 81 p. MS

1965 BLAGBROUGH, JOHN W. Quaternary geology of the northern Chuska Mountains and Red Rock Valley, northeastern Arizona and northwestern New Mexico, 138 p. Ph.D.

BURTON, ROBERT C. Conodonts of the Mississippian System in the Sacramento Mountains, New Mexico, 215 p. Ph.D.

FURLOW, JAMES W. Geology of the San Mateo Peak area, Socorro County, New Mexico, 83 p. MS

GOOLSBY, ROBERT S. Geology of the Lamy-Canoncito area, Santa Fe County, New Mexico, 68 p. MS

GUSTAFSON, WILLIAM G. Geology of copper-lead-zinc-turquois deposits, southern part of the Cerrillos mining district, Santa Fe County, New Mexico, 58 p. MS

KAPLAN, SEYMOUR F. An X-ray diffraction study of some of the naturally occurring iodates, 186 p. Ph.D.

SHOMAKER, JOHN W. Geology of the southern portion of the Sandia Granite, Sandia Mountains, Bernalillo County, New Mexico, 80 p. MS

SIMMS, RICHARD W. Geology of the Rayado area, Colfax County, New Mexico, 90 p. MS

1966 BURGOYNE, ALFRED A. Mineralogy of coesite and petrographic association and distribution at Meteor Crater, Arizona, 127 p. MS (1967)

CLARK, KENNETH F. Geology and ore deposits of the Eagle Nest quadrangle, New Mexico, 363 p. Ph.D.

DODGE, CHARLES F., III. Microstratigraphy of the channel sandstones of the Woodbine Formation, Tarrant County, Texas, 181 p. (+ appendix) Ph.D. (1967)

SNIDER, HENRY I. Stratigraphy and associated tectonics of the Upper Permian Castile-Salado-Rustler evaporite complex, Delaware basin, west Texas and southeast New Mexico, 196 p. Ph.D.

THOMPSON, TOMMY B. Geology of the Sierra Blanca, Lincoln and Otero Counties, New Mexico, 146 p. Ph.D.

WEBSTER, DAVID A. A study of the acial and pediment gravels in the eastern part of the Santo Domingo basin, New Mexico, 114 p. MS

1967 BRADBURY, JCHN P. Origin, paleolimnology, and limnology of Zuni Salt Lake maar, west-central New Mexico, 247 p. Ph.D.

CAMPBELL, JOCK A. Geology and structure of a portion of the Rio Puerco fault belt, western Bernalillo County, New Mexico, 89 p. MS

DEAN, WALTER E., JR. Petrologic and geochemical variations in the Permian Castile varved anhydrite, Delaware basin, Texas and New Mexico, 326 p. Ph.D.

GILES, DAVID L. A petrochemical study of compositionally zoned ashflow tuffs, 188 p. Ph.D.

HATCHELL, WILLIAM O. A stratigraphic study of the Navajo Sandstone, Navajo Mountain, Utah and Arizona, 121 p. MS

LEASE, ROBIN C. Stratigraphy of the lower Morrison Formation along the Defiance monocline, New Mexico and Arizona, 86 p. MS

LISENBEE, ALVIS L. Geology of the Cerro Pelon-Arroyo de La Jara area, Santa Fe County, New Mexico, 112 p. MS

SAUCIER, ALVA E. The Morrison and related formations in the Gallup region, 106 p. MS

STUKEY, ARTHUR H., JR. Stratigraphic relations of Pennsylvanian-Permian strata, Manzanita. Mountains, New Mexico, 64 p. MS (1968)

1968 GONZALES, RALPH A. Petrography and structure of the Pedernal Hills, Torrance County, New Mexico, 78 p. MS

HAINES, RICHARD A. The geology of the White Oaks-Patos Mountain area, Lincoln County, New Mexico, 63 p. MS

HEADLEY, [H.] KLYNE. Stratigraphy and structure of the northwestern Guadalupe Mountains, New Mexico, 65 p. MS (1969).

LAMBERT, PAUL W. Quaternary stratigraphy of the Albuquerque area, New Mexico, 329 p. Ph.D.

MASTER, PILSUM P. Relationship of pleochroism and specific refractivity of cupric compounds to cupric ion coordination, 68 p. MS

MORGAN, J. R. Structure and stratigraphy of the northern part of the South Yirgin Mountains, Clark County, Nevada, 103 p. MS

O'NEILL, JOHN M. Geology of the southern Pilot Range, Elko County, Nevada, and Box Elder and Tooele Counties, Utah, 113 p. MS

RYBERG, GEORGE E. The geology of the Jicarilla Mountains, Lincoln County, New Mexico, 95 p. MS

SMITH, EUGENE I. Criteria for the determination of flow direction in volcanic rocks, 118 p. MS

SQUIRES, RICHARD L. Origin of reeflike masses in the upper member of the San Andres Formation, central Guadalupe Mountains, Eddy County, New Mexico, 124 p. MS

- SZABO, ERNEST. Pennsylvanian paleotectonics of the Paradox region in parts of Utah, Arizona, New Mexico, and Colorado, 144 p. Ph.D.
- 1969 BANDOIAN, CHARLES A. Geomorphology of the Animas River valley, San Juan County, New Mexico, 88 p. MS
 - BROWN, WILLIAM T., JR. Igneous geology of the Rio Puerco necks, Sandoval and Valencia Counties, New Mexico, 89 p. MS
 - CHAO, PAO-CHIN. Effect of supersaturation on the kinetics of the gypsum-anhydrite transition, 80 p. MS
 - FARKAS, STEVEN E. Geology of the southern San Mateo Mountains, Socorro and Sierra Counties, New Mexico, 137 p. Ph.D.
 - FEINBERG, HERBERT B. Geology of the central portion of the Sandia Granite, Sandia Mountains, Bernalillo County, New Mexico, 127 p. MS
 - FITCH, DAVID C. Geology and ore deposits of the Comet district, Lincoln County, Nevada, 97 p. MS
 - IRWIN, CHARLES D., JR. Stratigraphic analysis of the Upper Permian and Lower Triassic strata in southern Utah, 158 p. Ph.D. (1970)
 - KRIMSKY, GLENN A. Flow direction of volcanic rocks in the northern part of the Mogollon-Datil province, New Mexico, 41 p. MS (1970)
 - PASTUSZAK, ROBERT A. Geomorphology of part of the La Plata and San Juan Rivers, San Juan County, New Mexico, 84 p. MS
 - PETERSEN, JOHN W. Geology of the Tienditas Creek-La Junta Canyon area, Taos and Colfax Counties, New Mexico, 82 p. MS (1970)
 - RASHO, JOHN L. Effective rates of evaporation and chemical properties of the precipitates, 81 p. MS (1970)
 - SCHOWALTER, TIMOTHY T. Geology of part of the Creston Range, Mora County, New Mexico, 70 p. MS
 - TITUS, FRANK B., JR. Late Tertiary and Quaternary hydrogeology of Estancia basin, central New Mexico, 179 p. Ph.D.
- 1970 ANDERSON, JOHN B. Structure and stratigraphy of the western margin of the Nacimiento uplift, New Mexico, 44 p. MS
 - FELDMAN, SANDRA C. Surface energies in the CaSO₄-H₂O system and the effect of supersaturation on the crystallization of gypsum, 89 p. MS
 - GRAEBER, EDWARD J. Crystal structures of potassium ferric sulfate minerals, 131 p. Ph.D.

HOCK, PHILIP F., JR. Effect of the Pedernal axis on Permian and Triassic sedimentation, 51 p. MS (1971)

HOGE, HARRY P. Neogene stratigraphy of the Santa Ana area, Sandoval County, New Mexico, 140 p. Ph.D.

McANULTY, WILLIAM N., JR. Geology of the northern Nacoraori district, Sonora, Mexico, 103 p. Ph.D. (1971)

RHODES, RODNEY C. Volcanic rocks associated with the western part of the Mogollon Plateau volcano-tectonic complex, southwestern New Mexico, 145 p. Ph.D.

SIGLEO, ANNE M. C. Trace-element geochemistry of Southwestern turquoise, 92 p. MS

SMITH, EUGENE I. A comparison of selected lunar and terrestrial volcanic domes, 200 p. Ph.D. (1971)

WEINBERG, DAVID M. Structural geology of the Beaver Creek area, Big Belt Mountains, Montana, 75 p. MS

1971 ARENDT, WARD W. The geology of La Joyita Hills, Socorro County, New Mexico, 75 p. MS

BACHHUBER, FREDERICK W. Paleolimnology of Lake Estancia and the Quaternary history of the Estancia Valley, central New Mexico, 238 p. Ph.D. (1972)

BREGMAN, MARTIN L. Structural geology of the Sheep Creek and Rattlesnake Mountain quadrangles, Lewis and Clark Counties, Montana, 100 p. Ph.D. (1972)

CAUSEY, JAMES D. Geology, geochemistry, and lava tubes in Quaternary basalts, northeastern part of Zuni lava fields, Valencia County, New Mexico, 57 p. MS

CORBITT, LONNIE L. Structure and stratigraphy of the Florida Mountains, Luna County, New Mexico, 115 p. Ph.D. (1972)

FODOR, RONALD V. Chemistry, mineralogy, and petrology of the mafic and intermediate lavas of the Black Range, New Mexico, 158 p. Ph.D. (1972)

HUZARSKI, JAN R. Petrology and structure of eastern Monte Largo hills, New Mexico, 45 p. MS

KAHAROEDDIN, FRANCIS A. Regressive and transgressive phenomena in the Gallup Sandstone, in the northwestern part of San Juan County, New Mexico, 81 p. MS (1972)

KAUFMAN, WILLIAM H. Structure, stratigraphy, and ore deposits of the central Nacimiento Mountains, New Mexico, 87 p. MS (1972)

LOVE, DAVID W. cology of the Rammel Mountain a, Teton County, Wyoming, 124 p. MS (1972)

MARTIN, JAMES L. Stratigraphic analysis of Pennsylvanian strata in the Lucero region of west-central New Mexico, 196 p. Ph.D.

No

REED, RICHARD K. Precambrian geology of the central Nacimiento Mountains, Sandoval County, New Mexico, 116 p. Ph.D. (1972)

SHAFFER, WILLIAM L. Geology of the Hogback Mountain area, northern Big Belt Mountains, Montana, 66 p. MS

SNYDER, DON O. Stratigraphic analysis of the Baca formation, west-central New Mexico, 160 p. Ph.D. (1972)

SOULE, JAMES M. Structural geology of the northern Animas Mountains, Hidalgo County, New Mexico, 47 p. MS (1972)

TURNER, WILLIAM M. Geology of the Polis-Kathikas area, Cyprus, 430 p. Ph.D.

WORTMAN, RICHARD A. Environmental implications of surface water resource development in the middle Rio Grande drainage, New Mexico, 129 p. MS (1972)

1972 ALDRICH, MERRITT J., JR. Tracing a subsurface structure by joint analysis: Santa Rita-Hanover axis, aouthwestern New Mexico, 106 p. Ph.D.

BURROUGHS, RICHARD L. Geology of the San Luis Hills, south-central Colorado, 140 p. Ph.D.

DURHAM, JON A. Structural geology of the northern part of the East Helena quadrangle, Lewis and Clark County, Montana, 71 p. MS

KESSLER, L. GIFFORD, II. Channel sequences and braided stream development in the South Canadian River, Hutchinson, Roberts, and Hemphill Counties, Texas, 143 p. Ph.D. (1973)

KROHN, DOUGLAS H. Gravity survey of the Mogollon Plateau volcanic province, southwestern New Mexico, 32 p. MS (1973)

LOVE, LINDA L. A. The dacites of the Washakie Needles, Bunsen Peak, and the Birch Hills, Wyoming, and their relationship to the Absaroka-Gallatin volcanic province, 86 p. MS (1973)

SAYALA, DASHARATHAM. A geochemical study of distribution of elements in ores and limestones from New Jersey zinc mines, Hanover, New Mexico, 285 p. MS

Se, +

SCHUMACHER, OTTO L. Geology and ore deposits of the southwest Nacimiento Range, Sandoval County, New Mexico, 79 p. MS (1973)

1973 ANDERSON, ORIN J. Pleistocene geology and archeological problems of the Seistan basin, southwest Afghanistan, 105 p. MS

BAER, ROGER L. Petrology of Quaternary lavas and geomorphology of lava tubes, south flank of Medicine Lake highland, California, 120 p. MS (1974)

BILLO, SALEH M. Petrology and geochemistry of varved halite II Member Permian Castile Formation, Delaware basin, Texas and New Mexico, 100 p. Ph.D.

BLACK, BRUCE A. Geology of the northern and eastern parts of the Otero platform, Otero and Chaves Counties, New Mexico, 158 p. Ph.D. (1974)

DEAL, EDNOND G. Geology of the northern part of the San Mateo Mountains, Socorro County, New Mexico: A study of a phyolite ash-flow tuff cauldron and the role of laminar flow in ash-flow tuffs, 136 p. Ph.D. (1974)

DICKSON, JOHN R. A test of the non-uniform distribution of azimuths of overlapping lunar craters, 45 p. MS

DUCHENE, HARVEY R. Structure and stratigraphy of Guadalupe Box and vicinity, Sandoval County, New Mexico, 100 p. MS (1974)

FULLAS, GEORGE H. A study of trace metal concentrations in two species of Mytilus along the Pacific Coast of the United States, 60 p. MS

GOODKNIGHT, CRAIG S. Structure and stratigraphy of the central Cimarron Range, Colfax County, New Mexico, 85 p. MS (1974)

LAMBERT, RAYMOND S. Geology of the country east of the Santa Rita mining district, Grant County, New Mexico: The San Lorenzo area, 81 p. MS

RUETSCHILLING, RICHARD L. Structure and stratigraphy of the San Ysidro quadrangle, Sandoval County, New Mexico, 79 p. MS (1974)

SLACK, PAUL B. Structural geology of the northeast part of the Rio Puerco fault zone, Sandoval County, New Mexico, 74 p. MS (1974)

WOLTZ, DAVID. The chemistry of groundwaters in the Jemez area and a magnetic survey of a potential source of Magmatic fluids, 90 p. MS

1974

BRANDWEIN, SIGNEY S. Selected shallow electrical resistivity surveys at Volcano Cliffs, Bernalillo County, and Warm Springs, Sandoval County, New Mexico, 139 p. MS (1975)

CAGLE, FRED R., JR. Evaporite deposits of the central Namib Desert, Namibiba, 155 p. MS (1975)

DILLON, JOHN F. Growth line analysis of a recent scallop population and its potential for paleoecology, 68 p. MS (1975)

ENZ, ROBERT D. Geochemistry and petrology of the orbicular rocks, Sandia Mountains, New Mexico, 73 p. MS (1975)

GAIL, GEORGE J. Subsurface geology of Capital aquifer northeast of Carlsbad, Eddy and Lea Counties, New Mexico, 61 p. MS (1975)

GRAINGER, JAMES R. Geology of the White Oaks mining district, Lincoln County, New Mexico, 69 p. MS (1975)

GREEN, JONATHAN A. A petrologic and quantitative compositional study of four rocks from the Mid-Atlantic Ridge, 61 p. MS (1975)

HLAVA, PAUL F. Unusual lavas from Molokai, Hawaii: Alkalic olivine basalts transitional to Hawaiites and strontium-rich mugearites, 170 p. MS (1975)

MALDONADO, FLORIAN. Geology of the northern part of the Sierra Cuchillo, Socorro and Sierra Counties, New Mexico, 59 p. MS (1975)

MARTINEZ, RUBEN. Geology of the Pajarito Peak area, Sandoval County, New Mexico, 72 p. MS (1975)

MOORE, RICHARD B. Geology, petrology and geochemistry of the eastern San Francisco volcanic field, Arizona, 350 p. Ph.D. (1975)

MUKHOPADHYAY, BIMAL. Rubidium-strontium whole-rock geochronology and strontium isotope geology of the Madera formation near Albuquerque, New Mexico, 182 p. Ph.D. (1975)

PLANNER, HARRY N. An experimental investigation of highly undercooled magnesium silicate chondrule-like spherules, 89 p. MS (1975)