

ANALOGS

SAMPLE CUSTODY LOG

800 - - - Q200405260003

Nopal I, Santorini, and Others, Natural
Analog Samples Custody Log (02/09/1989
through 09/17/2002)

NORPAL I

Central Analogs Samples and Subsamples

Sample Id: NOPI-0B6 Reference: 024/69 Collection Date: 29-JAN-92
Log Date: 03-FEB-92 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I deposit, Pen
Old ID: NOPI-PI-0B6 Amount: <0.1 g Size: powder
X: Y: Z:
Description: Alpha uranophane mineral separate supplied by Philippe Ildefonse;
taken at location B6 on the 0 level of Nopal I deposit

Sample Id: NOPI-0B14 Reference: 024/69 Collection Date: 29-JAN-92
Log Date: 03-FEB-92 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I deposit, Pen
Old ID: NOPI-PI-0B14 Amount: <0.1 g Size: powder
X: Y: Z:
Description: Alpha uranophane mineral separate supplied by Philippe Ildefonse;
taken at location B14 on the 0 level of Nopal I deposit

Sample Id: NOPI-0C23 Reference: 024/69 Collection Date: 29-JAN-92
Log Date: 03-FEB-92 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I deposit, Pen
Old ID: NOPI-PI-0C23 Amount: <0.1 g Size: powder
X: Y: Z:
Description: Beta-uranophane mineral separate supplied by Philippe Ildefonse; taken
at location C23 on the 0 level of Nopal I deposit

Sample Id: NOPI-0C28 Reference: 024/69 Collection Date: 29-JAN-92
Log Date: 03-FEB-92 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I deposit, Pen
Old ID: NOPI-PI-0C28 Amount: <0.1 g Size: powder
X: Y: Z:
Description: Alpha-uranophane mineral separate supplied by Philippe Ildefonse;
taken at location C28 on the 0 level of Nopal I deposit

Sample Id: NOPI-0C33 Reference: 024/69 Collection Date: 29-JAN-92
Log Date: 03-FEB-92 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I deposit, Pen
Old ID: NOPI-PI-0C33 Amount: <0.1 g Size: powder
X: Y: Z:
Description: Alpha-uranophane and minor kaolinite and quartz mineral separate
supplied by Philippe Ildefonse; taken at location C33 on the 0 level
of Nopal I deposit

Sample Id: NOPI-0G8 Reference: 024/69 Collection Date: 29-JAN-92
Log Date: 03-FEB-92 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I deposit, Pen
Old ID: NOPI-PI-0G8 Amount: <0.1 g Size: powder
X: Y: Z:
Description: Boltwoodite and trace beta-uranophane mineral separate supplied by
Philippe Ildefonse; taken at location G8 on the 0 level of Nopal I
deposit

Sample Id: NOPI-0G12 Reference: 024/69 Collection Date: 29-JAN-92
Log Date: 03-FEB-92 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I deposit, Pen
Old ID: NOPI-PI-0G12 Amount: <0.1 g Size: powder
X: Y: Z:
Description: Soddyite and alpha-uranophane and minor kaolinite mineral separate
supplied by Philippe Ildefonse; taken at location G12 on the 0 level
of Nopal I deposit

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-0G14 Reference: 024/69 Collection Date: 29-JAN-92
Log Date: 03-FEB-92 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I deposit, Pen
Old ID: NOPI-PI-0G14 Amount: <0.1 g Size: powder
X: Y: Z:
Description: Weeksite and trace alpha-uranophane mineral separate supplied by
Philippe Ildefonse; taken at location G14 on the 0 level of Nopal I
deposit

Sample Id: NOPI-1 Reference: 021/7 Collection Date: 26-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-1 Amount: Size:
X: Y: Z:
Description: High-grade reduced uranium ore from +0 level adit; Nopal Formation

Subsample Id: NOPI-1-TS1 Reference: 024/23 Log Date: 25-JUN-92
Entered By: ECP Old ID: NOPI-ECP-1-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-1-TS2 Reference: 024/23 Log Date: 25-JUN-92
Entered By: ECP Old ID: NOPI-ECP-1-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; removed
from glass slide for TEM analysis

Subsample Id: NOPI-1-TS3 Reference: 024/23 Log Date: 25-JUN-92
Entered By: ECP Old ID: NOPI-ECP-1-TS3
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-1-TS4 Reference: 024/23 Log Date: 25-JUN-92
Entered By: ECP Old ID: NOPI-ECP-1-TS4
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; removed
from glass slide for TEM analysis

Subsample Id: NOPI-1-TS5 Reference: 024/210 Log Date: 08-JAN-93
Entered By: PGH Old ID: NOPI-ECP-1-TS5
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-1-TS5A Reference: 024/208 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-1-TS5A
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; removed
from glass slide for TEM analysis

Subsample Id: NOPI-1-TS5T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-1-TS5T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut to
thick for conventional petrography

Subsample Id: NOPI-1-TS6 Reference: 024/210 Log Date: 08-JAN-93
Entered By: PGH Old ID: NOPI-ECP-1-TS6
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-1-TS6A Reference: 024/208 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-1-TS6A
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; removed
from glass slide for TEM analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-1 Reference: 021/7 Collection Date: 26-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-1 Amount: Size:
X: Y: Z:
Description: High-grade reduced uranium ore from +0 level adit; Nopal Formation

Subsample Id: NOPI-1-TS6T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-1-TS6T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut too thick for conventional petrography

Subsample Id: NOPI-1-TS7 Reference: 024/210 Log Date: 08-JAN-93
Entered By: PGH Old ID: NOPI-ECP-1-TS7
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-1-TS7T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-1-TS7T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut too thick for conventional petrography

Subsample Id: NOPI-1-TS8 Reference: 024/210 Log Date: 08-JAN-93
Entered By: PGH Old ID: NOPI-ECP-1-TS8
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-1-TS9 Reference: 024/210 Log Date: 08-JAN-93
Entered By: PGH Old ID: NOPI-ECP-1-TS9
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-1-TS9T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-1-TS9T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut too thick for conventional petrography

Subsample Id: NOPI-1-TS10 Reference: 024/210 Log Date: 08-JAN-93
Entered By: PGH Old ID: NOPI-ECP-1-TS10
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-1-TS10T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-1-TS10T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut too thick for conventional petrography

Subsample Id: NOPI-1-XRD5 Reference: 075/23 Log Date: 06-MAY-93
Entered By: JDP Old ID: NOPI-ECP-1-XRD5
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered portion of uraninite-bearing sample for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-1C4 Reference: 024/69 Collection Date: 29-JAN-92
Log Date: 03-FEB-92 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I deposit, Pen
Old ID: NOPI-PI-1C4 Amount: <0.1 g Size: powder
X: Y: Z:
Description: Alpha-uranophane and trace kaolinite mineral separate supplied by Philippe Ildefonse; taken at location C4 on the +10 level of Nopal I deposit

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-2A Reference: 021/9 Collection Date: 26-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-2A Amount: Size:
X: Y: Z:
Description: High-grade oxidized uranium ore collected from the ore dump of the
Nopal I deposit

Subsample Id: NOPI-2A-TS1 Reference: 024/23 Log Date: 25-JUN-91
Entered By: ECP Old ID: NOPI-ECP-2A-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-2A-TS2 Reference: 024/23 Log Date: 25-JUN-91
Entered By: ECP Old ID: NOPI-ECP-2A-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-2A-TS3 Reference: 024/208 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-2A-TS3
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Sample Id: NOPI-2B Reference: 021/13 Collection Date: 26-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-2B Amount: Size:
X: Y: Z:
Description: Brecciated tuff with Fe-oxides; Nopal Formation

Subsample Id: NOPI-2B-TS1 Reference: 024/23 Log Date: 25-JUN-92
Entered By: ECP Old ID: NOPI-ECP-2B-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-2B-TS2 Reference: 024/23 Log Date: 25-JUN-92
Entered By: ECP Old ID: NOPI-ECP-2B-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Sample Id: NOPI-4 Reference: 021/14 Collection Date: 28-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-4 Amount: Size:
X: Y: Z:
Description: Strongly altered tuff; Nopal Formation

Subsample Id: NOPI-4-GAM1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-4-WR1/1-GAM
Amount: 3.8043 g Size: powder Store Loc: Bldg 57
Description: Subsample of powdered sample NOPI-4-WR1 for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-4-WR1 Reference: 024/7 Log Date: 09-MAY-91
Entered By: ECP Old ID: NOPI-ECP-4-WR1
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered bulk rock sample for major and trace element analysis at
Texas Tech (label = 5918)

Sample Id: NOPI-5 Reference: 021/14 Collection Date: 28-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-5 Amount: Size:
X: Y: Z:
Description: Reddish tuff with bleached veinlets; Coloradas Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-5 Reference: 021/14 Collection Date: 28-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-5 Amount: Size:
X: Y: Z:
Description: Reddish tuff with bleached veinlets; Coloradas Formation

Sample Id: NOPI-6 Reference: 021/15 Collection Date: 28-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-6 Amount: Size:
X: Y: Z:
Description: Kaolinitized tuff from the +10 level of Nopal I; Nopal Formation

Sample Id: NOPI-7 Reference: 021/16 Collection Date: 28-FEB-91
Log Date: 26-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-7 Amount: Size:
X: Y: Z:
Description: Lightly altered tuff; Nopal Formation

Subsample Id: NOPI-7-GAM1 Reference: 024/71 Log Date: 10-DEC-92
Entered By: PGH Old ID: NOPI-ECP-7-WR1/1-GAM
Amount: 3.3984 g Size: powder Store Loc: Bldg 57
Description: Subsample of powdered sample NOPI-7-WR1 for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-7-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: NOPI-ECP-7-TS1
Amount: Size: Store Loc: Bldg 57
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-7-TS2 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: NOPI-ECP-7-TS2
Amount: Size: Store Loc: Bldg 57
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-7-WR1 Reference: 024/7 Log Date: 09-MAY-91
Entered By: ECP Old ID: NOPI-ECP-7-WR1
Amount: Size: Store Loc: Bldg 57
Description: Powdered bulk rock sample for major and trace element analysis at
Texas Tech (label = 5917).

Subsample Id: NOPI-7-WR2 Reference: 024/7 Log Date: 09-MAY-91
Entered By: ECP Old ID: NOPI-ECP-7-WR2
Amount: Size: Store Loc: Bldg 57
Description: Powdered bulk rock sample for major and trace element analysis at
Texas Tech (label = 5910).

Subsample Id: NOPI-7-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: JDP Old ID: NOPI-ECP-7-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 57
Description: Powdered bulk rock sample for x-ray diffraction (XRD) analysis; 1.9 g
NOPI-7 + 0.1 g Al powder

Sample Id: NOPI-8 Reference: 021/16 Collection Date: 28-FEB-91
Log Date: 26-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-8 Amount: Size:
X: Y: Z:
Description: Tuff with bleached veinlets; Nopal Formation

Central Analogs Samples and Subsamples

Sample Id: NOPI-9 Reference: 021/17 Collection Date: 28-FEB-91
Log Date: 26-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9 Amount: Size:
X: Y: Z:
Description: Intensely altered tuff; Nopal Formation

Sample Id: NOPI-10 Reference: 021/17 Collection Date: 28-FEB-91
Log Date: 26-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-10 Amount: Size:
X: Y: Z:
Description: Hematitic, silicified vein with slickened sides; Nopal Formation

Sample Id: NOPI-11 Reference: 021/18 Collection Date: 28-FEB-91
Log Date: 26-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-11 Amount: Size:
X: Y: Z:
Description: Fe-oxide gooson, ore block; Nopal Formation

Sample Id: NOPI-12 Reference: 021/25 Collection Date: 24-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-12 Amount: Size:
X: Y: Z:
Description: Coarse calcite veinlet, collected from lower adit; Coloradas Formation

Subsample Id: NOPI-12-GAM1 Reference: 024/263 Log Date: 02-APR-93
Entered By: PGH Old ID: NOPI-ECP-12-GAM
Amount: 0.0798 g Size: powder Store Loc: Bldg 57
Description: Calcite separate; less than 63 micron size fraction powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-12-SEP1 Reference: 024/263 Log Date: 02-APR-93
Entered By: PGH Old ID: NOPI-ECP-12-SEP1
Amount: Size: Store Loc: Bldg 57
Description: Calcite separate; crushed and sieved 250 micron size fraction

Subsample Id: NOPI-12-SEP2 Reference: 024/263 Log Date: 02-APR-93
Entered By: PGH Old ID: NOPI-ECP-12-SEP2
Amount: Size: Store Loc: Bldg 57
Description: Calcite separate; crushed and sieved 63 micron size fraction

Subsample Id: NOPI-12-XRD1 Reference: 024/263 Log Date: 02-APR-93
Entered By: PGH Old ID: NOPI-ECP-12-XRD1
Amount: Size: powder Store Loc: Bldg 57
Description: Calcite separate; 125 micron size fraction powdered for x-ray
diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-13 Reference: 021/26 Collection Date: 24-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-13 Amount: Size:
X: Y: Z:
Description: Coarse calcite veinlet, collected from lower adit; Coloradas Formation

Sample Id: NOPI-14 Reference: 021/26 Collection Date: 24-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-14 Amount: Size:
X: Y: Z:
Description: Coarse calcite veinlet, collected from lower adit; Coloradas Formation

Core Analogs Samples and Subsamples

Sample Id: NOPI-17 Reference: 022/24 Collection Date: 25-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-17 Amount: Size:
X: Y: Z:
Description: Caliche from near vertical fractures south of level +0 adit.

Subsample Id: NOPI-17-GAM1 Reference: 024/243 Log Date: 23-FEB-93
Entered By: PGH Old ID: NOPI-ECP-17-SEP2-GAM
Amount: 3.9183 g Size: powder Store Loc: Bldg 57
Description: Portion of NOPI-17-SEP2 that was powdered for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-17-SEP1 Reference: 024/136 Log Date: 01-JUL-92
Entered By: JMG Old ID: NOPI-ECP-17-SEP1
Amount: 14.7438 g Size: > 1.00 mm Store Loc: Bldg 57
Description: Portion of NOPI-17 consisting of > 1.0 mm sand-sized grains

Subsample Id: NOPI-17-SEP2 Reference: 024/136 Log Date: 01-JUL-92
Entered By: JMG Old ID: NOPI-ECP-17-SEP2
Amount: 21.3226 g Size: > 0.25 mm Store Loc: Bldg 57
Description: Portion of NOPI-17 consisting of > 0.25 mm sand-sized grains

Subsample Id: NOPI-17-SEP3 Reference: 024/136 Log Date: 01-JUL-92
Entered By: JMG Old ID: NOPI-ECP-17-SEP3
Amount: 8.2267 g Size: > 0.125 mm Store Loc: Bldg 57
Description: Portion of NOPI-17 consisting of > 0.125 mm sand-sized grains

Subsample Id: NOPI-17-SEP4 Reference: 024/136 Log Date: 01-JUL-92
Entered By: JMG Old ID: NOPI-ECP-17-SEP4
Amount: 7.6158 g Size: > 0.063 mm Store Loc: Bldg 57
Description: Portion of NOPI-17 consisting of > 0.063 mm sand-sized grains

Subsample Id: NOPI-17-SEP5 Reference: 024/136 Log Date: 01-JUL-92
Entered By: JMG Old ID: NOPI-ECP-17-SEP5
Amount: 1.7852 g Size: =< 0.063 mm Store Loc: Bldg 57
Description: Portion of NOPI-17 consisting of =< 0.063 mm sand-sized grains

Sample Id: NOPI-18 Reference: 021/30 Collection Date: 25-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Lost in tr Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-18 Amount: Size:
X: Y: Z:
Description: Carbonate veinlet from level +0; Coloradas Formation. Lost in transit

Sample Id: NOPI-19 Reference: 021/30 Collection Date: 25-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-19 Amount: Size:
X: Y: Z:
Description: Carbonate veinlet from level +0; Coloradas Formation

Subsample Id: NOPI-19-GAM1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-19-GAM-P/1
Amount: 3.9352 g Size: Powder Store Loc: Bldg 57
Description: Portion of powdered sample of NOPI-19-WR1 for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-19-GAM2 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-ECP-19-GAM2
Amount: 0.4854 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk sample powdered for gamma analysis (polypropylene
vial)

Central Analogs Samples and Subsamples

Sample Id: NOPI-19 Reference: 021/30 Collection Date: 25-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-19 Amount: Size:
X: Y: Z:
Description: Carbonate veinlet from level +0; Coloradas Formation

Subsample Id: NOPI-19-SEP1 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-ECP-19-SEP1
Amount: Size: Store Loc: Bldg 57
Description: Calcite separate; crushed and sieved 250 micron size fraction

Subsample Id: NOPI-19-SEP2 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-ECP-19-SEP2
Amount: Size: Store Loc: Bldg 57
Description: Calcite separate; crushed and sieved 63 micron size fraction

Subsample Id: NOPI-19-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-19-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-19-TS2 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-19-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-19-TS3 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-19-TS3
Amount: Size: Store Loc: Bldg 57
Description: Double polished thick section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-19-TS4 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-19-TS4
Amount: Size: Store Loc: Bldg 57
Description: Double polished thick section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-19-WR1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-19-GAM
Amount: 116 g Size: Powder Store Loc: Bldg 57
Description: Powdered subsample of NOPI-19

Subsample Id: NOPI-19-XRD1 Reference: 024/70 Log Date: 29-JAN-92
Entered By: BWL Old ID: NOPI-ECP-19-GAM-P/2
Amount: 1.0 g Size: Powder Store Loc: Bldg 57
Description: Portion of powdered sample of NOPI-19-WR1 for x-ray diffraction (XRD) analysis

Subsample Id: NOPI-19-XRD2 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-ECP-19-XRD2
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of bulk sample powdered for x-ray diffraction (XRD) analysis;
Al powder added as an internal reference

Sample Id: NOPI-20 Reference: 021/30 Collection Date: 25-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Lost in tr Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-20 Amount: Size:
X: Y: Z:
Description: Bleached and unbleached tuff from level +0; Coloradas Formation. Lost
in transit.

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-21 Reference: 021/31 Collection Date: 25-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-21 Amount: Size:
X: Y: Z:
Description: Carbonate veinlet from level +0; Coloradas Formation

Subsample Id: NOPI-21-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-21-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-21-TS2 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-21-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-21-TS3 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-21-TS3
Amount: Size: Store Loc: Bldg 57
Description: Double polished thick section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-21-TS4 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-21-TS4
Amount: Size: Store Loc: Bldg 57
Description: Double polished thick section prepared by Mineral Optics Laboratory

Sample Id: NOPI-22 Reference: 021/31 Collection Date: 25-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22 Amount: Size:
X: Y: Z:
Description: Carbonate veinlet from level +0; Coloradas Formation

Subsample Id: NOPI-22-SEP1 Reference: 024/157 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-22-SEP1
Amount: 1.7455 g Size: Pieces Store Loc: Bldg 57
Description: Portion of NOPI-22 containing a black unknown mineral

Subsample Id: NOPI-22-SEP2 Reference: 024/157 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-22-SEP2
Amount: 6.0217 g Size: Pieces Store Loc: Bldg 57
Description: Portion of NOPI-22 containing a black unknown mineral

Subsample Id: NOPI-22-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-22-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-22-TS2 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-22-TS2
Amount: Size: Store Loc: Bldg 57
Description: Double polished thick section prepared by Mineral Optics Laboratory

Sample Id: NOPI-23 Reference: 021/32 Collection Date: 25-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-23 Amount: Size:
X: Y: Z:
Description: Carbonate veinlet from level +0 vitrophyre between Coloradas and Nopal
Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-29 Reference: 021/38 Collection Date: 26-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-29 Amount: Size:
X: Y: Z:
Description: Carbonate veinlet from slickened fracture on level +10; Nopal Formation.

Subsample Id: NOPI-29-SEP1 Reference: 024/263 Log Date: 02-APR-93
Entered By: PGH Old ID: NOPI-ECP-29-SEP1
Amount: Size: Store Loc: Bldg 57
Description: Calcite separate; crushed and sieved 250 micron size fraction

Subsample Id: NOPI-29-SEP2 Reference: 024/263 Log Date: 02-APR-93
Entered By: PGH Old ID: NOPI-ECP-29-SEP2
Amount: Size: Store Loc: Bldg 57
Description: Calcite separate; crushed and sieved 63 micron size fraction

Subsample Id: NOPI-29-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-29-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-29-TS2 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-29-TS2
Amount: Size: Store Loc: Bldg 57
Description: Double polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-29-XRD1 Reference: 024/263 Log Date: 02-APR-93
Entered By: PGH Old ID: NOPI-ECP-29-XRD1
Amount: Size: powder Store Loc: Bldg 57
Description: Calcite separate; crushed and sieved 125 micron size fraction powdered for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-30 Reference: 021/39 Collection Date: 26-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-30 Amount: Size:
X: Y: Z:
Description: Brecciated uranium ore from level 0 adit; Nopal Formation.

Subsample Id: NOPI-30-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-30-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-30-TS2 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-30-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-30-TS3 Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-30-TS3
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-30-TS3T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-30-TS3T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; section is too thick for standard petrography

Central Analogs Samples and Subsamples

Sample Id: NOPI-30 Reference: 021/39 Collection Date: 26-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-30 Amount: Size:
X: Y: Z:
Description: Brecciated uranium ore from level 0 adit; Nopal Formation.

Subsample Id: NOPI-30-XRD1 Reference: 024/192 Log Date: 16-OCT-92
Entered By: JDP Old ID: NOPI-ECP-30-XRD1
Amount: Size: powder Store Loc: Bldg 57
Description: Subsample of black (uraninite-bearing) material powdered for x-ray
diffraction (XRD) analysis

Subsample Id: NOPI-30-XRD2 Reference: 024/193 Log Date: 26-OCT-92
Entered By: JDP Old ID: NOPI-ECP-30-XRD2
Amount: Size: powder Store Loc: Bldg 57
Description: Subsample of black (uraninite-bearing) material powdered for x-ray
diffraction (XRD) analysis

Subsample Id: NOPI-30-XRD3 Reference: 075/1 Log Date: 26-APR-93
Entered By: JDP Old ID: NOPI-ECP-30-XRD3
Amount: Size: powder Store Loc: Bldg 57
Description: Subsample of black (uraninite-bearing) material powdered for x-ray
diffraction (XRD) analysis

Subsample Id: NOPI-30-XRD4 Reference: 075/1 Log Date: 27-APR-93
Entered By: JDP Old ID: NOPI-ECP-30-XRD4
Amount: Size: powder Store Loc: Bldg 57
Description: Subsample of black (uraninite-bearing) material powdered for x-ray
diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-31 Reference: 021/39 Collection Date: 26-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-31 Amount: Size:
X: Y: Z:
Description: Brecciated uranium ore from level 0 adit; Nopal Formation.

Subsample Id: NOPI-31-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-31-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-31-TS2 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-31-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Sample Id: NOPI-32 Reference: 021/39 Collection Date: 26-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-32 Amount: Size:
X: Y: Z:
Description: Brecciated uranium ore from level 0 adit; Nopal Formation.

Subsample Id: NOPI-32-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-32-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; rock was
removed from glass slide for TEM analysis

Subsample Id: NOPI-32-TS2 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-32-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-32 Reference: 021/39 Collection Date: 26-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-32 Amount: Size:
X: Y: Z:
Description: Brecciated uranium ore from level 0 adit; Nopal Formation.

Subsample Id: NOPI-32-TS3 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-32-TS3
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-32-TS4 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-32-TS4
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-32-TS5 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-32-TS5
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Sample Id: NOPI-33 Reference: 021/41 Collection Date: 27-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-33 Amount: Size:
X: Y: Z:
Description: Fe-oxide and Mn-oxide veinlets in kaolinized tuff from level 0; Nopal Formation.

Subsample Id: NOPI-33-GAM1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-33-GAM-P/1
Amount: 3.604 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of NOPI-33-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-33-SEP1 Reference: 024/138 Log Date: 13-JUL-92
Entered By: JMG Old ID: NOPI-ECP-33-SEP1
Amount: 2.8178 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-33; contains Fe-oxides and Mn-oxides representative of the bulk sample

Subsample Id: NOPI-33-SEP2 Reference: 024/138 Log Date: 13-JUL-92
Entered By: JMG Old ID: NOPI-ECP-33-SEP2
Amount: 12.7834 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-33; contains all phases in the bulk rock

Subsample Id: NOPI-33-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-33-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-33-TS2 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-33-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-33-TS3 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-33-TS3
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-33-TS4 Reference: 080/65 Log Date: 11-OCT-93
Entered By: JDP Old ID: NOPI-ECP-33-TS4
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-33 Reference: 021/41 Collection Date: 27-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-33 Amount: Size:
X: Y: Z:
Description: Fe-oxide and Mn-oxide veinlets in kaolinized tuff from level 0; Nopal
Formation.

Subsample Id: NOPI-33-WR1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-33-GAM
Amount: Size: Store Loc: Bldg 57
Description: Portion of NOPI-33 containing a coarse calcite veinlet

Sample Id: NOPI-34 Reference: 021/42 Collection Date: 27-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-34 Amount: Size:
X: Y: Z:
Description: Fresh, unaltered tuff from highest cut on Nopal 1 face; Nopal
Formation.

Subsample Id: NOPI-34-GAM1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-34-GAM-P/1
Amount: 3.9812 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of NOPI-WR for gamma analysis (polypropylene vial)

Subsample Id: NOPI-34-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-34-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-34-WR Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-34-GAM
Amount: 6.9 g Size: chunk Store Loc: Bldg 57
Description: Portion of bulk rock NOPI-34.

Subsample Id: NOPI-34-WR1 Reference: 024/75 Log Date: 10-MAR-92
Entered By: ECP Old ID: NOPI-ECP-34-WR1
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered subsample of NOPI-34 for major and trace element analysis at
Texas Tech (label = 3103)

Sample Id: NOPI-35 Reference: 021/42 Collection Date: 27-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-35 Amount: Size:
X: Y: Z:
Description: Bleached, kaolinized tuff from highest cut on Nopal 1 face; Nopal
Formation.

Subsample Id: NOPI-35-GAM1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-35-GAM-P/1
Amount: 3.6829 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of NOPI-35-WR for gamma analysis (polypropylene
vial)

Subsample Id: NOPI-35-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-35-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-35-TS2 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-35-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Central Analogs Samples and Subsamples

Sample Id: NOPI-35 Reference: 021/42 Collection Date: 27-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-35 Amount: Size:
X: Y: Z:
Description: Bleached, kaolinized tuff from highest cut on Nopal I face; Nopal
Formation.

Subsample Id: NOPI-35-WR Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-35-GAM
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered subsample of bulk rock NOPI-35

Sample Id: NOPI-36 Reference: 021/43 Collection Date: 27-SEP-91
Log Date: 17-DEC-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-36 Amount: Size:
X: Y: Z:
Description: Fresh, unaltered tuff from top of Nopal I hill; Nopal Formation.

Subsample Id: NOPI-36-GAM1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-36-GAM-P/1
Amount: 3.9259 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of NOPI-36-WR for gamma analysis (polypropylene
vial)

Subsample Id: NOPI-36-TS1 Reference: 024/209 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-36-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-36-WR Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: NOPI-ECP-36-GAM
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered subsample of bulk rock NOPI-36

Subsample Id: NOPI-36-WR1 Reference: 024/75 Log Date: 10-MAR-92
Entered By: ECP Old ID: NOPI-ECP-36-WR1
Amount: Size: Store Loc: Bldg 57
Description: Portion of bulk rock NOPI-36 sent to Texas Tech for major and trace
element analysis (label = 3101)

Subsample Id: NOPI-36-WR2 Reference: 024/75 Log Date: 10-MAR-92
Entered By: ECP Old ID: NOPI-ECP-36-WR2
Amount: Size: Store Loc: Bldg 57
Description: Portion of bulk rock NOPI-36 sent to Texas Tech for major and trace
element analysis (label = 3106)

Sample Id: NOPI-37 Reference: 036/2 Collection Date: 03-MAR-92
Log Date: 23-MAR-92 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-37 Amount: Size:
X: Y: Z:
Description: Oxidized uranium ore from level 0, brecciated, uranophane covered by
opal; Nopal Formation.

Subsample Id: NOPI-37-SEP1 Reference: 024/151 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP1
Amount: 0.1326 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; a black unknown mineral

Subsample Id: NOPI-37-SEP2 Reference: 024/151 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP2
Amount: 0.0192 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; kaolinite

Central Analogs Samples and Subsamples

Sample Id: NOPI-37 Reference: 036/2 Collection Date: 03-MAR-92
Log Date: 23-MAR-92 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-37 Amount: Size:
X: Y: Z:
Description: Oxidized uranium ore from level 0, brecciated, uranophane covered by
opal; Nopal Formation.

Subsample Id: NOPI-37-SEP3 Reference: 024/157 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP3
Amount: 0.0271 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; yellow unknown mineral and glassy mineral
(probably opal)

Subsample Id: NOPI-37-SEP4 Reference: 024/157 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP4
Amount: 0.6682 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; leftovers of yellow unknown mineral and glassy
mineral (probably opal) and host rock

Subsample Id: NOPI-37-SEP5 Reference: 024/159 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP5
Amount: 0.0174 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; white yellowish unknown

Subsample Id: NOPI-37-SEP6 Reference: 024/159 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP6
Amount: 0.0048 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; white yellowish unknown

Subsample Id: NOPI-37-SEP7 Reference: 024/159 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP7
Amount: 0.0263 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; black unknown mineral

Subsample Id: NOPI-37-SEP8 Reference: 024/159 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP8
Amount: 0.0073 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; black unknown mineral

Subsample Id: NOPI-37-SEP9 Reference: 024/160 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP9
Amount: 0.1917 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; white clay mineral (kaolinite)

Subsample Id: NOPI-37-SEP10 Reference: 024/160 Log Date: 11-AUG-92
Entered By: JMG Old ID: NOPI-ECP-37-SEP10
Amount: 0.0421 g Size: particles Store Loc: Bldg 57
Description: Portion of NOPI-37; white yellowish unknown uranium mineral

Sample Id: NOPI-38 Reference: 036/2 Collection Date: 04-MAR-92
Log Date: 23-MAR-92 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-38 Amount: Size:
X: Y: Z:
Description: Vesicles fillings from the +20 level of Nopal I

Sample Id: NOPI-39 Reference: 036/6 Collection Date: 04-MAR-92
Log Date: 23-MAR-92 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-39 Amount: Size:
X: Y: Z:
Description: Quartz crystals from vesicles on the +20 level of Nopal I; Nopal
Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-39 Reference: 036/6 Collection Date: 04-MAR-92
Log Date: 23-MAR-92 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-39 Amount: Size:
X: Y: Z:
Description: Quartz crystals from vesicles on the +20 level of Nopal I; Nopal
Formation

Subsample Id: NOPI-39-FI1 Reference: 024/98 Log Date: 05-JUN-92
Entered By: JDP Old ID: NOPI-ECP-39-FI1
Amount: Size: Store Loc: Bldg 57
Description: Double polished thin section prepared by Mineral Optics Laboratory for
fluid inclusion work

Subsample Id: NOPI-39-FI2 Reference: 024/98 Log Date: 05-JUN-92
Entered By: JDP Old ID: NOPI-ECP-39-FI2
Amount: Size: Store Loc: Bldg 57
Description: Double polished thin section prepared by Mineral Optics Laboratory for
fluid inclusion work

Subsample Id: NOPI-39-FI3 Reference: 024/98 Log Date: 05-JUN-92
Entered By: JDP Old ID: NOPI-ECP-39-FI3
Amount: Size: Store Loc: Bldg 57
Description: Double polished thin section prepared by Mineral Optics Laboratory for
fluid inclusion work

Sample Id: NOPI-40 Reference: 036/7 Collection Date: 04-MAR-92
Log Date: 23-MAR-92 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-40 Amount: Size:
X: Y: Z:
Description: Quartz crystals from vesicles on the +20 level of Nopal I; Nopal
Formation

Sample Id: NOPI-41 Reference: 036/7 Collection Date: 20-MAR-92
Log Date: 23-MAR-92 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-41 Amount: Size:
X: Y: Z:
Description: Core of high-grade uranium ore including uraninite from level 0 adit;
Nopal Formation

Subsample Id: NOPI-41-TS1 Reference: 024/210 Log Date: 11-JAN-93
Entered By: PGH Old ID: NOPI-ECP-41-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-41-TS1T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-41-TS1T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; too thick
for standard petrography

Subsample Id: NOPI-41-TS2 Reference: 024/210 Log Date: 08-JAN-93
Entered By: PGH Old ID: NOPI-ECP-41-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-41-TS2T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-41-TS2T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; too thick
for standard petrography

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-49 Reference: 042/2 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.8/10.8 Amount: 511 g Size: Bulk
X: 22.8 Y: 10.8 Z: 10
Description: Kaolinitized tuff with uranyl silicates, hematite-rich; N-S traverse
on level +10; Nopal Formation

Subsample Id: NOPI-49-TS2 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.8/10.8-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-49-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: blocks Store Loc: Bldg 57
Description: Blocks cut from the bulk rock for thin section preparation

Subsample Id: NOPI-49-WR1 Reference: 024/120 Log Date: 18-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR
Amount: 23.7565 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of bulk rock sample NOPI-49

Subsample Id: NOPI-49-XRD1 Reference: 042/210 Log Date: 06-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock (NOPI-49) taken and powdered for x-ray
diffraction (XRD) analysis

Sample Id: NOPI-50 Reference: 042/2 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.25/11.45 Amount: 368 g Size: Bulk
X: 22.25 Y: 11.45 Z: 10
Description: Kaolinitized tuff with uranyl silicates; N-S traverse on level +10;
Nopal Formation

Subsample Id: NOPI-50-GAM1 Reference: 024/132 Log Date: 24-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.2881 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered sample NOPI-50-WR1 for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-50-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.25/11.45-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-50-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock for thin section preparation

Subsample Id: NOPI-50-WR1 Reference: 024/122 Log Date: 19-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 29.8180 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of whole rock sample NOPI-50

Subsample Id: NOPI-50-XRD1 Reference: 042/21 Log Date: 05-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock (NOPI-50) taken and powdered for x-ray
diffraction (XRD) analysis

Neutral Analogs Samples and Subsamples

Sample Id: NOPI-51 Reference: 042/2 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.6/11.9 Amount: 632 g Size: Bulk
X: 22.6 Y: 11.9 Z: 10
Description: Kaolinitized tuff with abundant hematite; N-S traverse on level +10;
Nopal Formation

Subsample Id: NOPI-51-GAM1 Reference: 024/132 Log Date: 24-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.3048 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered sample NOPI-51-WR1 for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-51-SEP1 Reference: 024/121 Log Date: 19-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-SEP1
Amount: 5.0 mg Size: crystals Store Loc: Bldg 57
Description: Portion of the bulk rock sample containing Fe oxides, jarosite, and
uranophane in a vug

Subsample Id: NOPI-51-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.6/11.9-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-51-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: blocks Store Loc: Bldg 57
Description: Blocks cut from the bulk rock for thin section preparation

Subsample Id: NOPI-51-WR1 Reference: 024/122 Log Date: 19-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 30.2025 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of whole rock sample NOPI-51

Subsample Id: NOPI-51-XRD1 Reference: 042/22 Log Date: 08-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample (NOPI-51) taken and powdered for x-ray
diffraction (XRD) analysis

Subsample Id: NOPI-51-XRD2 Reference: 042/22 Log Date: 08-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD2
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Yellow tabular uranyl silicate mineral separated from bulk rock and
powdered for x-ray diffraction (XRD) analysis

Subsample Id: NOPI-51-XRD3 Reference: 042/22 Log Date: 08-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD3
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Yellow and orange uranium minerals separated from bulk rock and
powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-52 Reference: 042/2 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.5/12.4 Amount: 520 g Size: Bulk
X: 22.5 Y: 12.4 Z: 10
Description: Uranium silicates in brecciated kaolinitized tuff; N-S traverse on level
+10; Nopal Formation

Subsample Id: NOPI-52-GAM1 Reference: 024/132 Log Date: 24-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.1924 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered sample NOPI-52-WR1 for gamma analysis
(polypropylene vial)

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-53 Reference: 042/3 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.8/12.95 Amount: 601 g Size: Bulk
X: 22.8 Y: 12.95 Z: 10
Description: Kaolinized tuff with uranium silicates, abundant hematite; N-S
traverse on level +10; Nopal Formation

Subsample Id: NOPI-53-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from whole rock sample for thin section preparation

Subsample Id: NOPI-53-WR1 Reference: 024/122 Log Date: 19-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 12.4061 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-53

Subsample Id: NOPI-53-XRD1 Reference: 042/24 Log Date: 09-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-53 powdered for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-54 Reference: 042/3 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.6/13.6 Amount: 1098 g Size: Bulk
X: 22.6 Y: 13.6 Z: 10
Description: Kaolinized tuff with abundant hematite; N-S traverse on level +10;
Nopal Formation

Subsample Id: NOPI-54-GAM1 Reference: 024/123 Log Date: 19-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 5.3152 g Size: powder Store Loc: Bldg 57
Description: Subsample of powdered sample NOPI-54-WR1 for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-54-SEP1 Reference: 024/102 Log Date: 09-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-SEP1
Amount: 0.05 g Size: powder Store Loc: Bldg 57
Description: Subsample of bulk rock sample NOPI-54 from a heavily iron stained
portion of the bulk rock that also contains uranium minerals

Subsample Id: NOPI-54-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.6/13.6-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-54-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock for thin section preparation

Subsample Id: NOPI-54-WR1 Reference: 024/109 Log Date: 12-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 46.6386 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of bulk rock sample NOPI-54

Subsample Id: NOPI-54-XRD1 Reference: 042/25 Log Date: 09-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-54 powdered for x-ray diffraction
(XRD) analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-56 Reference: 042/3 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.35/15.3 Amount: 708 g Size: Bulk
X: 22.35 Y: 15.3 Z: 10
Description: Kaolinized tuff with abundant hematite; N-S traverse on level +10;
Nopal Formation

Subsample Id: NOPI-56-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.35/15.3-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-56-TS2 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.35/15.3-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-56-TS3 Reference: 080/65 Log Date: 11-OCT-93
Entered By: JDP Old ID: 22.35/15.3-TS3
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-56-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock for thin section preparation

Subsample Id: NOPI-56-WR1 Reference: 024/93 Log Date: 04-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 29.6642 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of bulk rock sample NOPI-56

Subsample Id: NOPI-56-XRD1 Reference: 042/27 Log Date: 10-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-56 powdered for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-57 Reference: 042/3 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.6/15.85 Amount: 1191 g Size: Bulk
X: 22.6 Y: 15.85 Z: 10
Description: Kaolinized tuff with uranium silicates, abundant hematite; N-S
traverse on level +10; Nopal Formation

Subsample Id: NOPI-57-GAM1 Reference: 024/103 Log Date: 09-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.6753 g Size: powder Store Loc: Bldg 57
Description: Subsample of powdered sample NOPI-57-WR1 for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-57-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.6/15.85-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-57-TS2 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.6/15.85-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-57 Reference: 042/3 Collection Date: 22-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-22.6/15.85 Amount: 1191 g Size: Bulk
 X: 22.6 Y: 15.85 Z: 10
 Description: Kaolinized tuff with uranium silicates, abundant hematite; N-S
 traverse on level +10; Nopal Formation

Subsample Id: NOPI-57-TSB Reference: 024/133 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock for thin section preparation

Subsample Id: NOPI-57-WR1 Reference: 024/93 Log Date: 04-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 24.9589 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock NOPI-57

Subsample Id: NOPI-57-XRD1 Reference: 042/28 Log Date: 10-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of hematized fracture powdered for x-ray diffraction (XRD)
 analysis

Subsample Id: NOPI-57-XRD2 Reference: 024/227 Log Date: 07-JAN-93
 Entered By: PGH Old ID: NOPI-ECP-#-XRD2
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of hematized fracture powdered for x-ray diffraction (XRD)
 analysis; Al powder added as internal reference

Sample Id: NOPI-58 Reference: 042/4 Collection Date: 22-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-22.5/16.55 Amount: 612 g Size: Bulk
 X: 22.5 Y: 16.55 Z: 10
 Description: Kaolinized tuff with uranium silicates, abundant hematite; N-S
 traverse on level +10; Nopal Formation

Subsample Id: NOPI-58-A Reference: 024/92 Log Date: 04-JUN-92
 Entered By: BWL Old ID: NOPI-ECP-#-A
 Amount: 36.7 g Size: chunk Store Loc: Bldg 57
 Description: Portion of bulk rock NOPI-58 containing a highly mineralized veinlet
 with acicular crystals of uranium (+6) minerals

Subsample Id: NOPI-58-A-SEP1 Reference: 024/92 Log Date: 04-JUN-92
 Entered By: BWL Old ID: NOPI-ECP-#-A-SEP1
 Amount: 0.5 g Size: pieces Store Loc: Bldg 57
 Description: Portion of NOPI-58-A containing mineralized hematitic vein with an
 assemblage of hematite, uranium minerals, and possibly jarosite

Subsample Id: NOPI-58-GAM1 Reference: 024/103 Log Date: 09-JUN-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.3441 g Size: powder Store Loc: Bldg 57
 Description: Subsample of powdered sample NOPI-58-WR1 for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-58-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 22.5/16.55-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-58-TSB Reference: 024/133 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock for thin section preparation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-58 Reference: 042/4 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.5/16.55 Amount: 612 g Size: Bulk
X: 22.5 Y: 16.55 Z: 10
Description: Kaolinized tuff with uranium silicates, abundant hematite; N-S
traverse on level +10; Nopal Formation

Subsample Id: NOPI-58-WR1 Reference: 024/91 Log Date: 03-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 24.2776 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-58

Subsample Id: NOPI-58-XRD1 Reference: 042/28 Log Date: 10-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock NOPI-58 powdered for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-59 Reference: 042/4 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.25/17.15 Amount: 945 g Size: Bulk
X: 22.25 Y: 17.15 Z: 10
Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-59-GAM1 Reference: 024/103 Log Date: 09-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.3939 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-59-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-59-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.25/17.15-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-59-TS3 Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: 22.25/17.15-TS3
Amount: Size: Store Loc: Bldg 57
Description: Double polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-59-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-59-WR1 Reference: 024/90 Log Date: 03-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 26.8232 g Size: powder Store Loc: Bldg 57
Description: Powdered subsample of bulk rock sample NOPI-59

Subsample Id: NOPI-59-XRD1 Reference: 042/30 Log Date: 10-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-59 powdered for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-60 Reference: 042/4 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.85/17.85 Amount: 635 g Size: Bulk
X: 22.85 Y: 17.85 Z: 10
Description: Kaolinized tuff, slightly hematized; N-S traverse on level +10; Nopal
Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-60 Reference: 042/4 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.85/17.85 Amount: 635 g Size: Bulk
X: 22.85 Y: 17.85 Z: 10
Description: Kaolinized tuff, slightly hematized; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-60-GAM1 Reference: 024/103 Log Date: 09-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.3865 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-60-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-60-TS1 Reference: 024/161 Log Date: 17-SEP-92
Entered By: JDP Old ID: 22.85/17.85-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-60-TS3 Reference: 024/210 Log Date: 15-DEC-92
Entered By: JDP Old ID: 22.85/17.85-TS3
Amount: Size: Store Loc: Bldg 57
Description: Double polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-60-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-60-WR1 Reference: 024/90 Log Date: 03-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 25.8817 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-60

Subsample Id: NOPI-60-XRD1 Reference: 042/31 Log Date: 10-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-60 powdered for x-ray diffraction analysis

Sample Id: NOPI-61 Reference: 042/4 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.3/18.3 Amount: 1154 g Size: Bulk
X: 22.3 Y: 18.3 Z: 10
Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-61-GAM1 Reference: 024/99 Log Date: 05-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.8736 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-61-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-61-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.3/18.3-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-61-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-61-WR1 Reference: 024/90 Log Date: 03-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 32.3647 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-61

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-61 Reference: 042/4 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.3/18.3 Amount: 1154 g Size: Bulk
X: 22.3 Y: 18.3 Z: 10
Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-61-XRD1 Reference: 042/32 Log Date: 11-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-61 powdered for x-ray diffraction analysis

Sample Id: NOPI-62 Reference: 042/4 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.65/18.85 Amount: 1659 g Size: Bulk
X: 22.65 Y: 18.85 Z: 10
Description: Kaolinized tuff, slightly hematitic; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-62-GAM1 Reference: 024/99 Log Date: 05-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.5694 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-62-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-62-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.65/18.85-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-62-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock for thin section preparation

Subsample Id: NOPI-62-WR1 Reference: 024/88 Log Date: 02-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 18.4749 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-62

Subsample Id: NOPI-62-XRD1 Reference: 042/33 Log Date: 11-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-62 powdered for x-ray diffraction analysis

Sample Id: NOPI-63 Reference: 042/4 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.5/19.55 Amount: 913 g Size: Bulk
X: 22.5 Y: 19.95 Z: 10
Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-63-GAM1 Reference: 024/99 Log Date: 05-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.0248 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-63-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-63-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-63 Reference: 042/4 Collection Date: 22-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-22.5/19.55 Amount: 913 g Size: Bulk
 X: 22.5 Y: 19.95 Z: 10
 Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-63-WR1 Reference: 024/88 Log Date: 02-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 28.6037 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-63

Subsample Id: NOPI-63-XRD1 Reference: 042/34 Log Date: 11-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-63 powdered for x-ray diffraction analysis

Sample Id: NOPI-64 Reference: 042/5 Collection Date: 22-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-22.85/20.1 Amount: 920 g Size: Bulk
 X: 22.85 Y: 20.1 Z: 10
 Description: Kaolinized tuff, slightly hematized; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-64-GAM1 Reference: 024/99 Log Date: 05-JUN-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.2080 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-64-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-64-SEP1 Reference: 024/144 Log Date: 16-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP1
 Amount: 9.9903 g Size: pieces Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-64 containing a soft brown unknown mineral

Subsample Id: NOPI-64-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 22.85/20.1-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-64-TSB Reference: 024/133 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock for thin section preparation

Subsample Id: NOPI-64-WR1 Reference: 024/88 Log Date: 02-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 21.1016 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-64

Subsample Id: NOPI-64-XRD1 Reference: 042/35 Log Date: 11-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-64 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-65 Reference: 042/5 Collection Date: 22-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-22.85/20.85 Amount: 849 g Size: Bulk
 X: 22.85 Y: 20.85 Z: 10
 Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-65 Reference: 042/5 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.85/20.85 Amount: 849 g Size: Bulk
X: 22.85 Y: 20.85 Z: 10
Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-65-GAM1 Reference: 024/99 Log Date: 05-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.065 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-65-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-65-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.85/20.85-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-65-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-65-WR1 Reference: 024/88 Log Date: 02-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 24.6296 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-65

Subsample Id: NOPI-65-XRD1 Reference: 042/36 Log Date: 11-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-65 powdered for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-66 Reference: 042/5 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.4/21.4 Amount: 1158 g Size: Bulk
X: 22.4 Y: 21.4 Z: 10
Description: Kaolinized tuff, slightly limonitized; N-S traverse on level +10;
Nopal Formation

Subsample Id: NOPI-66-GAM1 Reference: 024/99 Log Date: 05-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.0291 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-66-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-66-TS1 Reference: 024/161 Log Date: 17-SEP-92
Entered By: BWL Old ID: 22.4/21.4-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-66-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock for thin section preparation

Subsample Id: NOPI-66-WR1 Reference: 024/90 Log Date: 03-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 24.9089 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-66

Subsample Id: NOPI-66-XRD1 Reference: 042/37 Log Date: 11-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-66 powdered for x-ray diffraction
(XRD) analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-67 Reference: 042/5 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.7/21.8 Amount: 1176 g Size: Bulk
X: 22.7 Y: 21.8 Z: 10
Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-67-GAM1 Reference: 024/99 Log Date: 05-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.9343 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-67-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-67-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.7/21.8-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-67-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-67-WR1 Reference: 024/90 Log Date: 03-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 29.6924 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-67

Subsample Id: NOPI-67-XRD1 Reference: 042/38 Log Date: 11-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-67 powdered for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-68 Reference: 042/5 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.6/22.4 Amount: 1045 g Size: Bulk
X: 22.6 Y: 22.4 Z: 10
Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-68-GAM1 Reference: 024/114 Log Date: 19-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.2954 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-68-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-68-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.6/22.4-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-68-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-68-WR1 Reference: 024/105 Log Date: 09-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 34.0708 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-68

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-69 Reference: 042/6 Collection Date: 22-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-22.7/23.0 Amount: 1155 g Size: Bulk
 X: 22.7 Y: 23 Z: 10
 Description: Kaolinized tuff, slightly hematized; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-69-GAM1 Reference: 024/114 Log Date: 19-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 5.1163 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-69-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-69-SEP1 Reference: 024/141 Log Date: 13-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP1
 Amount: 0.2819 g Size: pieces Store Loc: Bldg 57
 Description: Portion of bulk rock sample that contains Mn oxides

Subsample Id: NOPI-69-SEP2 Reference: 024/142 Log Date: 13-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP2
 Amount: 1.5454 g Size: pieces Store Loc: Bldg 57
 Description: Portion of bulk rock sample that contains Fe oxides

Subsample Id: NOPI-69-SEP3 Reference: 024/142 Log Date: 13-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP3
 Amount: 9.5205 g Size: pieces Store Loc: Bldg 57
 Description: Portion of bulk rock sample that contains Fe oxides and Mn oxides

Subsample Id: NOPI-69-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 22.7/23.0-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-69-TS2 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 22.7/23.0-TS2
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-69-TSB Reference: 024/133 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-69-WR1 Reference: 024/105 Log Date: 09-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 38.7244 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-69

Subsample Id: NOPI-69-XRD1 Reference: 042/39 Log Date: 11-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-69 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-70 Reference: 042/6 Collection Date: 22-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-22.8/23.75 Amount: 1156 g Size: Bulk
 X: 22.8 Y: 23.75 Z: 10
 Description: Kaolinized tuff, slightly hematized; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-70-GAM1 Reference: 024/114 Log Date: 19-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.7437 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-70-WR1 for gamma analysis (polypropylene vial)

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-70 Reference: 042/6 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.8/23.75 Amount: 1156 g Size: Bulk
X: 22.8 Y: 23.75 Z: 10
Description: Kaolinized tuff, slightly hematized; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-70-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.8/23.75-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-70-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-70-WR1 Reference: 024/107 Log Date: 10-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 35.5553 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-70

Subsample Id: NOPI-70-XRD1 Reference: 042/40 Log Date: 11-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-70 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-71 Reference: 042/6 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.5/24.6 Amount: 944 g Size: Bulk
X: 22.5 Y: 24.6 Z: 10
Description: Kaolinized tuff, slightly hematized; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-71-GAM1 Reference: 024/114 Log Date: 19-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.5768 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-71-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-71-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.5/24.6-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-71-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-71-WR1 Reference: 024/107 Log Date: 10-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 36.7922 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-71

Subsample Id: NOPI-71-XRD1 Reference: 042/41 Log Date: 11-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-71 powdered for x-ray diffraction (XRD) analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-72 Reference: 042/6 Collection Date: 22-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-22.7/25.25 Amount: 681 g Size: Bulk
X: 22.7 Y: 25.25 Z: 10
Description: Kaolinized tuff; N-S traverse on level +10; Nopal Formation

Subsample Id: NOPI-72-GAM1 Reference: 024/114 Log Date: 19-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.1850 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-72-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-72-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 22.7/25.25-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-72-TSB Reference: 024/133 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-72-WR1 Reference: 024/107 Log Date: 10-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 34.2620 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-72

Subsample Id: NOPI-72-XRD1 Reference: 042/42 Log Date: 11-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-72 powdered for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-73 Reference: 042/7 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-20.65/7.55 Amount: 1434 g Size: Bulk
X: 20.65 Y: 7.55 Z: 10
Description: Kaolinized tuff, limonitic; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-73-GAM1 Reference: 024/130 Log Date: 23-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.3369 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-73-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-73-SEP1 Reference: 024/149 Log Date: 24-JUL-92
Entered By: JMG Old ID: NOPI-ECP-#-SEP1
Amount: 1.0065 g Size: pieces Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-73 containing kaolinite (white clay mineral)

Subsample Id: NOPI-73-TS1 Reference: 024/161 Log Date: 17-SEP-92
Entered By: JDP Old ID: 20.65/7.55-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-73-TSB Reference: 024/131 Log Date: 23-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-73-WR1 Reference: 024/119 Log Date: 18-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR
Amount: 33.0243 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-73

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-73 Reference: 042/7 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-20.65/7.55 Amount: 1434 g Size: Bulk
X: 20.65 Y: 7.55 Z: 10
Description: Kaolinitized tuff, limonitic; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-73-XRD1 Reference: 042/43 Log Date: 12-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-73 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-74 Reference: 042/7 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-20.1/7.7 Amount: 1353 g Size: Bulk
X: 20.1 Y: 7.7 Z: 10
Description: Kaolinitized tuff, limonitic, uranium minerals visible; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-74-GAM1 Reference: 024/130 Log Date: 23-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.1689 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-74-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-74-SEP1 Reference: 024/116 Log Date: 17-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-SEP1
Amount: 5.0 g Size: crystals Store Loc: Bldg 57
Description: Mineral separate of kaolinite subsampled from a fissure

Subsample Id: NOPI-74-SEP1A Reference: 024/149 Log Date: 24-JUL-92
Entered By: JMG Old ID: NOPI-ECP-#-SEP1A
Amount: 1.4619 g Size: pieces Store Loc: Bldg 57
Description: Mineral separate of kaolinite

Subsample Id: NOPI-74-SEP2 Reference: 024/116 Log Date: 17-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-SEP2
Amount: 5.0 g Size: crystals Store Loc: Bldg 57
Description: Mineral separate of an iron-bearing aggregate from a vug

Subsample Id: NOPI-74-SEP2A Reference: 024/149 Log Date: 24-JUL-92
Entered By: JMG Old ID: NOPI-ECP-#-SEP2A
Amount: 0.3676 g Size: pieces Store Loc: Bldg 57
Description: Mineral separate of a black-reddish (Fe-bearing) mineral

Subsample Id: NOPI-74-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 20.1/7.7-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-74-TS2 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 20.1/7.7-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-74-TSB Reference: 024/131 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-74-WR1 Reference: 024/118 Log Date: 18-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR
Amount: 29.2239 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-74

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-74 Reference: 042/7 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-20.1/7.7 Amount: 1353 g Size: Bulk
 X: 20.1 Y: 7.7 Z: 10
 Description: Kaolinitized tuff, limonitic, uranium minerals visible; east-west
 traverse on level +10; Nopal Formation

Subsample Id: NOPI-74-XRD1 Reference: 042/44 Log Date: 12-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-74 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-75 Reference: 042/7 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-19.65/7.55 Amount: 776 g Size: Bulk
 X: 19.65 Y: 7.55 Z: 10
 Description: Kaolinitized tuff, hematitic; east-west traverse on level +10; Nopal
 Formation

Subsample Id: NOPI-75-GAM1 Reference: 024/130 Log Date: 23-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.1683 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-75-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-75-SEP1 Reference: 024/149 Log Date: 24-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP1
 Amount: 1.7269 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of black-reddish (Fe-oxide?) mineral

Subsample Id: NOPI-75-SEP2 Reference: 024/149 Log Date: 24-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP2
 Amount: 0.4188 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of kaolinite (white clay mineral)

Subsample Id: NOPI-75-TS1 Reference: 024/161 Log Date: 17-SEP-92
 Entered By: JDP Old ID: 19.65/7.55-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-75-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-75-WR1 Reference: 024/118 Log Date: 18-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR
 Amount: 29.0377 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-75

Subsample Id: NOPI-75-XRD1 Reference: 042/45 Log Date: 12-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-75 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-76 Reference: 042/7 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-19.0/7.8 Amount: 1167 g Size: Bulk
 X: 19 Y: 7.8 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-76 Reference: 042/7 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-19.0/7.8 Amount: 1167 g Size: Bulk
X: 19 Y: 7.8 Z: 10
Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-76-GAM1 Reference: 024/130 Log Date: 23-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.3354 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-76-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-76-SEP1 Reference: 024/116 Log Date: 17-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-SEP1
Amount: 5.0 g Size: crystals Store Loc: Bldg 57
Description: Mineral separate of Fe-bearing minerals with possible jarosite from a
vug

Subsample Id: NOPI-76-SEP2 Reference: 024/146 Log Date: 21-JUL-92
Entered By: JMG Old ID: NOPI-ECP-#-SEP2
Amount: 2.1208 g Size: pieces Store Loc: Bldg 57
Description: Mineral separate of a black-reddish mineral

Subsample Id: NOPI-76-SEP3 Reference: 024/146 Log Date: 21-JUL-92
Entered By: JMG Old ID: NOPI-ECP-#-SEP3
Amount: 0.3957 g Size: pieces Store Loc: Bldg 57
Description: Mineral separate of kaolinite (white clay mineral)

Subsample Id: NOPI-76-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 19.0/7.8-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-76-TSB Reference: 024/131 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-76-WR1 Reference: 024/118 Log Date: 18-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR
Amount: 21.6423 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-76

Subsample Id: NOPI-76-XRD1 Reference: 042/46 Log Date: 12-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-76 powdered for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-77 Reference: 042/8 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-18.6/7.7 Amount: 1227 g Size: Bulk
X: 18.6 Y: 7.7 Z: 10
Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-77-GAM1 Reference: 024/130 Log Date: 23-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.5742 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-77-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-77-SEP1 Reference: 024/146 Log Date: 21-JUL-92
Entered By: JMG Old ID: NOPI-ECP-#-SEP1
Amount: 0.1076 g Size: pieces Store Loc: Bldg 57
Description: Mineral separate containing quartz

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-77 Reference: 042/8 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-18.6/7.7 Amount: 1227 g Size: Bulk
 X: 18.6 Y: 7.7 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-77-SEP2 Reference: 024/146 Log Date: 21-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP2
 Amount: 1.0216 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of kaolinite (white clay mineral)

Subsample Id: NOPI-77-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 18.6/7.7-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-77-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-77-WR1 Reference: 024/118 Log Date: 18-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR
 Amount: 33.0915 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-77

Subsample Id: NOPI-77-XRD1 Reference: 042/47 Log Date: 12-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-77 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-78 Reference: 042/8 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-18.35/7.9 Amount: 535 g Size: Bulk
 X: 18.35 Y: 7.9 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-78-GAM1 Reference: 024/130 Log Date: 23-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.3342 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-78-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-78-SEP1 Reference: 024/145 Log Date: 21-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP1
 Amount: 0.2574 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate containing kaolinite (white clay mineral)

Subsample Id: NOPI-78-SEP2 Reference: 024/145 Log Date: 21-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP2
 Amount: 0.2687 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of an orange-brown unknown mineral

Subsample Id: NOPI-78-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 18.35/7.9-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-78-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-78 Reference: 042/8 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-18.35/7.9 Amount: 535 g Size: Bulk
 X: 18.35 Y: 7.9 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-78-WR1 Reference: 024/117 Log Date: 17-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR
 Amount: 33.3144 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-78

Subsample Id: NOPI-78-XRD1 Reference: 042/48 Log Date: 12-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-78 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-79 Reference: 042/8 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-18.05/7.9 Amount: 1192 g Size: Bulk
 X: 18.05 Y: 7.9 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-79-GAM1 Reference: 024/125 Log Date: 22-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 5.0362 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-79-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-79-SEP2 Reference: 024/144 Log Date: 16-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP2
 Amount: 0.2294 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of a black unknown mineral

Subsample Id: NOPI-79-SEP3 Reference: 024/144 Log Date: 16-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP3
 Amount: 1.3276 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of kaolinite (white clay)

Subsample Id: NOPI-79-SEP4 Reference: 024/144 Log Date: 16-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-SEP4
 Amount: 12.0367 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of kaolinite + black unknown mineral

Subsample Id: NOPI-79-TS1 Reference: 024/161 Log Date: 17-SEP-92
 Entered By: JDP Old ID: 18.05/7.9-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-79-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-79-WR1 Reference: 024/117 Log Date: 17-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR
 Amount: 33.0499 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-79

Subsample Id: NOPI-79-XRD1 Reference: 042/49 Log Date: 12-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-79 powdered for x-ray diffraction (XRD) analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-80 Reference: 042/8 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-17.4/7.85 Amount: 1192 g Size: Bulk
 X: 17.4 Y: 7.85 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-80-GAM1 Reference: 024/125 Log Date: 22-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.9433 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-80-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-80-SEP1 Reference: 024/111 Log Date: 19-JUN-92
 Entered By: BWL Old ID: NOPI-ECP-#-SEP1
 Amount: 5.0 g Size: crystals Store Loc: Bldg 57
 Description: Mineral separate; aggregate of kaolinite and Fe-bearing minerals

Subsample Id: NOPI-80-SEP2 Reference: 024/138 Log Date: 13-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR-SEP2
 Amount: 1.2479 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of Fe2O3 (hematite)

Subsample Id: NOPI-80-SEP3 Reference: 024/138 Log Date: 13-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR-SEP3
 Amount: 1.8741 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of Fe2O3 (hematite) + host rock

Subsample Id: NOPI-80-SEP4 Reference: 024/138 Log Date: 13-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR-SEP4
 Amount: 0.5707 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of MnO2 (manganese oxide) + host rock

Subsample Id: NOPI-80-SEP5 Reference: 024/138 Log Date: 13-JUL-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR-SEP5
 Amount: 14.5279 g Size: pieces Store Loc: Bldg 57
 Description: Mineral separate of MnO2 (manganese oxide) + host rock

Subsample Id: NOPI-80-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 17.4/7.85-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-80-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-80-WR1 Reference: 024/116 Log Date: 17-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR
 Amount: 33.5121 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-80

Subsample Id: NOPI-80-XRD1 Reference: 042/50 Log Date: 12-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-80 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-81 Reference: 042/8 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-17.0/7.5 Amount: 603 g Size: Bulk
 X: 17 Y: 7.5 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-81 Reference: 042/8 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-17.0/7.5 Amount: 603 g Size: Bulk
 X: 17 Y: 7.5 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-81-GAM1 Reference: 024/125 Log Date: 22-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.7879 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-81-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-81-TSB Reference: 024/125 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-81-WR1 Reference: 024/115 Log Date: 17-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR
 Amount: 29.4369 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-81

Subsample Id: NOPI-81-XRD1 Reference: 042/51 Log Date: 16-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-81 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-82 Reference: 042/8 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-16.4/7.9 Amount: 1668 g Size: Bulk
 X: 16.4 Y: 7.9 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-82-GAM1 Reference: 024/125 Log Date: 22-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.5758 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-82-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-82-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 16.4/7.9-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-82-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-82-WR1 Reference: 024/115 Log Date: 17-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR
 Amount: 31.0905 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-82

Subsample Id: NOPI-82-XRD1 Reference: 042/52 Log Date: 16-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-82 powdered for x-ray diffraction
 (XRD) analysis

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-83 Reference: 042/8 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-15.6/7.7 Amount: 841 g Size: Bulk
 X: 15.6 Y: 7.7 Z: 10
 Description: Hematitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-83-GAM1 Reference: 024/123 Log Date: 19-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.4958 g Size: powder Store Loc: Bldg 51
 Description: Subsample of NOPI-83-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-83-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 15.6/7.7-TS1
 Amount: Size: Store Loc: Bldg 51
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-83-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 51
 Description: Blocks cut from bulk rock for thin section preparation

Subsample Id: NOPI-83-WR1 Reference: 024/105 Log Date: 09-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 35.5331 g Size: powder Store Loc: Bldg 51
 Description: Powdered portion of bulk rock sample NOPI-83

Subsample Id: NOPI-83-XRD1 Reference: 042/53 Log Date: 17-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 51
 Description: Portion of bulk rock sample NOPI-83 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-84 Reference: 042/9 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-15.0/7.6 Amount: 1014 g Size: Bulk
 X: 15 Y: 7.6 Z: 10
 Description: Hematitic/limonitic tuff with uranium minerals; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-84-GAM1 Reference: 024/123 Log Date: 19-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.6885 g Size: powder Store Loc: Bldg 57
 Description: Subsample of NOPI-84-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-84-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 15.0/7.6-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-84-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-84-WR1 Reference: 024/105 Log Date: 09-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 34.7509 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-84

Subsample Id: NOPI-84-XRD1 Reference: 042/54 Log Date: 17-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-84 powdered for x-ray diffraction (XRD) analysis

1 Mineral Analogs Samples and Subsamples

Sample Id: NOPI-85 Reference: 042/9 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-14.55/7.95 Amount: 865 g Size: Bulk
X: 14.45 Y: 7.95 Z: 10
Description: Hematitic/limonitic tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-85-GAM1 Reference: 024/123 Log Date: 19-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.3926 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-85-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-85-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 14.45/7.95-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-85-TSB Reference: 024/131 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-85-WR1 Reference: 024/104 Log Date: 09-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 33.9143 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-85

Subsample Id: NOPI-85-XRD1 Reference: 042/55 Log Date: 17-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-85 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-86 Reference: 042/9 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-13.95/8.0 Amount: 1610 g Size: Bulk
X: 13.95 Y: 8 Z: 10
Description: Hematitic/limonitic tuff with uranium minerals; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-86-GAM1 Reference: 024/123 Log Date: 19-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.8979 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-86-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-86-TS1 Reference: 024/161 Log Date: 17-SEP-92
Entered By: JDP Old ID: 13.95/8.0-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-86-TSB Reference: 024/131 Log Date: 25-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-86-WR1 Reference: 024/104 Log Date: 09-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 34.4034 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-86

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-88 Reference: 042/10 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-12.95/7.9 Amount: 800 g Size: Bulk
 X: 12.95 Y: 7.9 Z: 10
 Description: Hematitic tuff with uranium minerals; east-west traverse on level +10;
 Nopal Formation

Subsample Id: NOPI-88-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-88-WR1 Reference: 024/104 Log Date: 09-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 32.4909 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-88

Subsample Id: NOPI-88-XRD1 Reference: 042/58 Log Date: 18-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-88 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-89 Reference: 042/10 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-12.5/7.75 Amount: 986 g Size: Bulk
 X: 12.5 Y: 7.75 Z: 10
 Description: Limonitic tuff with uranium minerals; east-west traverse on level +10;
 Nopal Formation

Subsample Id: NOPI-89-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 12.5/7.75-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-89-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-89-WR1 Reference: 024/104 Log Date: 09-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 34.0231 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-89

Subsample Id: NOPI-89-XRD1 Reference: 042/59 Log Date: 18-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-89 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-90 Reference: 042/10 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-11.9/7.9 Amount: 627 g Size: Bulk
 X: 11.9 Y: 7.9 Z: 10
 Description: Limonitic tuff with uranium minerals; east-west traverse on level +10;
 Nopal Formation

Subsample Id: NOPI-90-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 11.9/7.9-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-90 Reference: 042/10 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-11.9/7.9 Amount: 627 g Size: Bulk
 X: 11.9 Y: 7.9 Z: 10
 Description: Limonitic tuff with uranium minerals; east-west traverse on level +10;
 Nopal Formation

Subsample Id: NOPI-90-TS2 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 11.9/7.9-TS2
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-90-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-90-WR1 Reference: 024/102 Log Date: 08-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 20.8939 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-90

Subsample Id: NOPI-90-XRD1 Reference: 042/60 Log Date: 18-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-90 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-91 Reference: 042/10 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-11.55/7.8 Amount: 1220 g Size: Bulk
 X: 11.55 Y: 7.8 Z: 10
 Description: Slightly kaolinitized tuff; east-west traverse on level +10; Nopal
 Formation

Subsample Id: NOPI-91-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 11.55/7.8-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-91-TSB Reference: 024/131 Log Date: 25-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-91-WR1 Reference: 024/102 Log Date: 08-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 38.136 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-91

Subsample Id: NOPI-91-XRD1 Reference: 042/61 Log Date: 19-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-91 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-92 Reference: 042/10 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-10.8/7.8 Amount: 900 g Size: Bulk
 X: 10.8 Y: 7.8 Z: 10
 Description: Slightly kaolinitized tuff, limonitic; east-west traverse on level
 +10; Nopal Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-92 Reference: 042/10 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-10.8/7.8 Amount: 900 g Size: Bulk
 X: 10.8 Y: 7.8 Z: 10
 Description: Slightly kaolinitized tuff, limonitic; east-west traverse on level
 +10; Nopal Formation

Subsample Id: NOPI-92-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 10.8/7.8-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-92-TSB Reference: 024/131 Log Date: 30-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-92-WR1 Reference: 024/102 Log Date: 08-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 37.748 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-92

Subsample Id: NOPI-92-XRD1 Reference: 042/62 Log Date: 19-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-92 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-93 Reference: 042/11 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-10.3/7.7 Amount: 626 g Size: Bulk
 X: 10.3 Y: 7.7 Z: 10
 Description: Slightly kaolinitized tuff, limonitic; east-west traverse on level
 +10; Nopal Formation

Subsample Id: NOPI-93-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 10.3/7.7-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-93-TSB Reference: 024/131 Log Date: 30-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-93-WR1 Reference: 024/100 Log Date: 08-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 40.2939 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-93

Subsample Id: NOPI-93-XRD1 Reference: 042/63 Log Date: 19-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-93 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-94 Reference: 042/11 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-9.7/7.35 Amount: 804 g Size: Bulk
 X: 9.7 Y: 7.35 Z: 10
 Description: Slightly kaolinitized tuff, limonitic; east-west traverse on level
 +10; Nopal Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-94 Reference: 042/11 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-9.7/7.35 Amount: 804 g Size: Bulk
 X: 9.7 Y: 7.35 Z: 10
 Description: Slightly kaolinitized tuff, limonitic; east-west traverse on level
 +10; Nopal Formation

Subsample Id: NOPI-94-TS1 Reference: 024/161 Log Date: 17-SEP-92
 Entered By: JDP Old ID: 9.7/7.35-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-94-TSB Reference: 024/131 Log Date: 30-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-94-WR1 Reference: 024/100 Log Date: 08-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 31.3995 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-94

Subsample Id: NOPI-94-XRD1 Reference: 042/64 Log Date: 19-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-94 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-95 Reference: 042/11 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-9.0/7.5 Amount: 896 g Size: Bulk
 X: 9 Y: 7.5 Z: 10
 Description: Slightly kaolinitized tuff, limonitic; east-west traverse on level
 +10; Nopal Formation

Subsample Id: NOPI-95-TS1 Reference: 024/161 Log Date: 16-SEP-92
 Entered By: JDP Old ID: 9.0/7.5-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-95-TSB Reference: 024/131 Log Date: 30-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-95-WR1 Reference: 024/94 Log Date: 04-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 31.5075 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-95

Subsample Id: NOPI-95-XRD1 Reference: 042/65 Log Date: 19-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample NOPI-95 powdered for x-ray diffraction
 (XRD) analysis

Sample Id: NOPI-96 Reference: 042/11 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-8.15/8.0 Amount: 1277 g Size: Bulk
 X: 8.15 Y: 8 Z: 10
 Description: Slightly kaolinitized tuff, limonitic; east-west traverse on level
 +10; Nopal Formation

General Analogs Samples and Subsamples

Sample Id: NOPI-96 Reference: 042/11 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-8.15/8.0 Amount: 1277 g Size: Bulk
X: 8.15 Y: 8 Z: 10
Description: Slightly kaolinitized tuff, limonitic; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-96-GAM1 Reference: 024/103 Log Date: 09-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 5.1922 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-96-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-96-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 8.15/8.0-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-96-TSB Reference: 024/131 Log Date: 30-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-96-WR1 Reference: 024/94 Log Date: 04-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 33.1366 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-96

Subsample Id: NOPI-96-XRD1 Reference: 042/66 Log Date: 19-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-96 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-97 Reference: 042/11 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-7.45/7.9 Amount: 839 g Size: Bulk
X: 7.45 Y: 7.9 Z: 10
Description: Slightly kaolinitized tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-97-GAM1 Reference: 024/103 Log Date: 09-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.9265 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-97-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-97-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 7.45/7.9-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-97-TSB Reference: 024/131 Log Date: 30-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-97-WR1 Reference: 024/93 Log Date: 04-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 32.2997 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-97

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-97 Reference: 042/11 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-7.45/7.9 Amount: 839 g Size: Bulk
X: 7.45 Y: 7.9 Z: 10
Description: Slightly kaolinitized tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-97-XRD1 Reference: 042/67 Log Date: 19-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-97 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-98 Reference: 042/12 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-6.2/8.1 Amount: 624 g Size: Bulk
X: 6.2 Y: 8.1 Z: 10
Description: Slightly kaolinitized tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-98-GAM1 Reference: 024/125 Log Date: 22-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.3018 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-98-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-98-TS1 Reference: 024/161 Log Date: 16-SEP-92
Entered By: JDP Old ID: 6.2/8.1-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-98-TSB Reference: 024/131 Log Date: 30-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-98-WR1 Reference: 024/112 Log Date: 16-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 25.941 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-98

Sample Id: NOPI-99 Reference: 042/12 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-5.2/7.5 Amount: 1114 g Size: Bulk
X: 5.2 Y: 7.5 Z: 10
Description: Slightly kaolinitized tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-99-GAM1 Reference: 024/123 Log Date: 19-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.7356 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-99-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-99-SEP1 Reference: 024/107 Log Date: 19-JUN-92
Entered By: BWL Old ID: NOPI-ECP-#-SEP1
Amount: 1.0 g Size: crystals Store Loc: Bldg 57
Description: Mineral separate of magnetite?/Fe-bearing mineral with possible U mineralization

Subsample Id: NOPI-99-TS1 Reference: 024/161 Log Date: 17-SEP-92
Entered By: JDP Old ID: 5.2/7.5-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-99 Reference: 042/12 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-5.2/7.5 Amount: 1114 g Size: Bulk
X: 5.2 Y: 7.5 Z: 10
Description: Slightly kaolinitized tuff; east-west traverse on level +10; Nopal
Formation

Subsample Id: NOPI-99-TSB Reference: 024/131 Log Date: 30-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-99-WR1 Reference: 024/112 Log Date: 16-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR1
Amount: 30.1591 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-99

Subsample Id: NOPI-99-XRD1 Reference: 042/67 Log Date: 19-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-99 powdered for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-100 Reference: 042/12 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-4.0/7.75 Amount: 1190 g Size: Bulk
X: 4 Y: 7.75 Z: 10
Description: Slightly kaolinitized tuff; east-west traverse on level +10; Nopal
Formation

Subsample Id: NOPI-100-GAM1 Reference: 024/125 Log Date: 22-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.2033 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-100-WR1 for gamma analysis (polypropylene vial)

Subsample Id: NOPI-100-TS1 Reference: 024/161 Log Date: 17-SEP-92
Entered By: JDP Old ID: 4.0/7.75-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-100-TSB Reference: 024/131 Log Date: 30-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-100-WR1 Reference: 024/115 Log Date: 17-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR
Amount: 23.5649 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-100

Sample Id: NOPI-101 Reference: 042/12 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-2.55/7.65 Amount: 654 g Size: Bulk
X: 2.55 Y: 7.65 Z: 10
Description: Slightly kaolinitized tuff; east-west traverse on level +10; Nopal
Formation

Subsample Id: NOPI-101-GAM1 Reference: 024/125 Log Date: 22-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.8387 g Size: powder Store Loc: Bldg 57
Description: Subsample of NOPI-101-WR1 for gamma analysis (polypropylene vial)

eral Analogs Samples and Subsamples

Sample Id: NOPI-101 Reference: 042/12 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-2.55/7.65 Amount: 654 g Size: Bulk
X: 2.55 Y: 7.65 Z: 10
Description: Slightly kaolinitized tuff; east-west traverse on level +10; Nopal Formation

Subsample Id: NOPI-101-TSB Reference: 024/131 Log Date: 30-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-TSB
Amount: Size: Store Loc: Bldg 57
Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-101-WR1 Reference: 024/118 Log Date: 18-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR
Amount: 31.6745 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-101

Subsample Id: NOPI-101-XRD1 Reference: 042/68 Log Date: 19-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample NOPI-101 powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-102 Reference: 042/13 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-26.85/11.65 Amount: 3318 g Size: Bulk
X: 26.85 Y: 11.65 Z: 10
Description: Mineralized breccia on +10 level, high-grade oxidized uranium ore; Nopal Formation

Subsample Id: NOPI-102-GAM1 Reference: 024/134 Log Date: 26-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 5.4715 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-102-TS1 Reference: 024/210 Log Date: 11-JAN-93
Entered By: PGH Old ID: 26.85/11.65-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-102-TS2 Reference: 024/210 Log Date: 11-JAN-93
Entered By: PGH Old ID: 26.85/11.65-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-102-TS2T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: 26.85/11.65-TS2T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut too thick for standard petrography

Subsample Id: NOPI-102-TS3 Reference: 024/210 Log Date: 08-JAN-93
Entered By: PGH Old ID: 26.85/11.65-TS3
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-102-TS3T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: 26.85/11.65-TS3T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut too thick for standard petrography

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-103 Reference: 042/13 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-26.75/11.25 Amount: 537 g Size: Bulk
 X: 26.75 Y: 11.25 Z: 10
 Description: Mineralized breccia on +10 level, high-grade oxidized uranium ore;
 Nopal Formation

Subsample Id: NOPI-103-TS1 Reference: 024/210 Log Date: 08-JAN-93
 Entered By: PGH Old ID: NOPI-ECP-#-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-103-TS1T Reference: 024/210 Log Date: 15-DEC-92
 Entered By: PGH Old ID: NOPI-ECP-#-TS1T
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory; cut too
 thick for standard petrography

Subsample Id: NOPI-103-TS2 Reference: 024/210 Log Date: 08-JAN-93
 Entered By: PGH Old ID: NOPI-ECP-#-TS2
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-103-TS2T Reference: 024/210 Log Date: 15-DEC-92
 Entered By: PGH Old ID: NOPI-ECP-#-TS2T
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory; cut too
 thick for standard petrography

Subsample Id: NOPI-103-WR1 Reference: 024/128 Log Date: 22-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR
 Amount: 14.6682 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-103

Subsample Id: NOPI-103-XRD1 Reference: 042/72 Log Date: 23-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: X-ray diffraction (XRD) analysis of black material, yellow uranium
 minerals, and red-orange Fe-oxides

Subsample Id: NOPI-103-XRD2 Reference: 042/72 Log Date: 23-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD2
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
 analysis

Sample Id: NOPI-104 Reference: 042/13 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-24.0/10.5 Amount: 653 g Size: Bulk
 X: 24 Y: 10.5 Z: 10
 Description: Mineralized breccia on +10 level, oxidized uranium ore; Nopal
 Formation

Subsample Id: NOPI-104-GAM1 Reference: 024/134 Log Date: 26-JUN-92
 Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.6065 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-104-TS1 Reference: 024/210 Log Date: 11-JAN-93
 Entered By: PGH Old ID: NOPI-ECP-#-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

1. Mineral Analogs Samples and Subsamples

Sample Id: NOPI-104 Reference: 042/13 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-24.0/10.5 Amount: 653 g Size: Bulk
X: 24 Y: 10.5 Z: 10
Description: Mineralized breccia on +10 level, oxidized uranium ore; Nopal
Formation

Subsample Id: NOPI-104-TS1T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-#-TS1T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut too
thick for standard petrography

Subsample Id: NOPI-104-TS2 Reference: 024/210 Log Date: 31-DEC-92
Entered By: PGH Old ID: NOPI-ECP-#-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-104-WR1 Reference: 024/128 Log Date: 22-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR
Amount: 25.09 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-104

Subsample Id: NOPI-104-XRD1 Reference: 042/73 Log Date: 23-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-105 Reference: 042/13 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-25.2/9.5 Amount: 741 g Size: Bulk
X: 25.2 Y: 9.5 Z: 10
Description: Uranium minerals lining fractures in limonitic/hematitic tuff; Nopal
Formation

Subsample Id: NOPI-105-GAM1 Reference: 024/134 Log Date: 26-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.2649 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-105-TS1 Reference: 024/210 Log Date: 31-DEC-92
Entered By: JDP Old ID: NOPI-ECP-#-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-105-TS1T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-#-TS1T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut too
thick for standard petrography

Subsample Id: NOPI-105-TS2 Reference: 024/210 Log Date: 11-JAN-93
Entered By: PGH Old ID: NOPI-ECP-#-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-105-WR1 Reference: 024/129 Log Date: 22-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR
Amount: 23.4922 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-105

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-108 Reference: 042/14 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-18.55/16.2 Amount: 84 g Size: Bulk
X: 18.55 Y: 16.2 Z: 10
Description: Uranium minerals coating limonitic tuff; Nopal Formation

Subsample Id: NOPI-108-XRD1 Reference: 042/75 Log Date: 23-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-109 Reference: 042/14 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-17.1/15.2 Amount: 877 g Size: Bulk
X: 17.1 Y: 15.2 Z: 10
Description: Uranium minerals in hematitic tuff; Nopal Formation

Subsample Id: NOPI-109-GAM1 Reference: 024/132 Log Date: 24-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.3198 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-109-TS1 Reference: 024/210 Log Date: 31-DEC-92
Entered By: JDP Old ID: NOPI-ECP-#-TS1
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-109-TS2 Reference: 024/210 Log Date: 11-JAN-93
Entered By: PGH Old ID: NOPI-ECP-#-TS2
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-109-TS2T Reference: 024/210 Log Date: 15-DEC-92
Entered By: PGH Old ID: NOPI-ECP-#-TS2T
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory; cut too
thick for standard petrography

Subsample Id: NOPI-109-WR1 Reference: 024/124 Log Date: 19-JUN-92
Entered By: JMG Old ID: NOPI-ECP-#-WR
Amount: 16.9873 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-109

Subsample Id: NOPI-109-XRD1 Reference: 042/76 Log Date: 23-JUN-92
Entered By: JDP Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-110 Reference: 042/14 Collection Date: 23-MAY-92
Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-16.0/14.4 Amount: 743 g Size: Bulk
X: 16 Y: 14.4 Z: 10
Description: Uranium minerals coating fracture in limonitic tuff; Nopal Formation

Subsample Id: NOPI-110-GAM1 Reference: 024/132 Log Date: 24-JUN-92
Entered By: OCL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.1264 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered bulk rock sample for gamma analysis (polypropylene
vial)

Internal Analogs Samples and Subsamples

Sample Id: NOPI-110 Reference: 042/14 Collection Date: 23-MAY-92
 Log Date: 26-MAY-92 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-16.0/14.4 Amount: 743 g Size: Bulk
 X: 16 Y: 14.4 Z: 10
 Description: Uranium minerals coating fracture in limonitic tuff; Nopal Formation

Subsample Id: NOPI-110-TS1 Reference: 024/210 Log Date: 08-JAN-93
 Entered By: PGH Old ID: NOPI-ECP-#-TS1
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-110-TS1T Reference: 024/210 Log Date: 15-DEC-92
 Entered By: PGH Old ID: NOPI-ECP-#-TS1T
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory; cut too thick for standard petrography

Subsample Id: NOPI-110-TS2 Reference: 024/210 Log Date: 08-JAN-93
 Entered By: PGH Old ID: NOPI-ECP-#-TS2
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-110-TS2T Reference: 024/210 Log Date: 15-DEC-92
 Entered By: PGH Old ID: NOPI-ECP-#-TS2T
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory; cut too thick for standard petrography

Subsample Id: NOPI-110-TSB Reference: 024/133 Log Date: 30-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-TSB
 Amount: Size: Store Loc: Bldg 57
 Description: Blocks cut from bulk rock sample for thin section preparation

Subsample Id: NOPI-110-WR1 Reference: 024/123 Log Date: 19-JUN-92
 Entered By: JMG Old ID: NOPI-ECP-#-WR
 Amount: 19.5988 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-110

Subsample Id: NOPI-110-XRD1 Reference: 042/69 Log Date: 19-JUN-92
 Entered By: JDP Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg 57
 Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-111 Reference: 036/75 Collection Date: 01-SEP-92
 Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-19.0/5.0 Amount: 82.1 g Size: Bulk
 X: 19 Y: 5 Z: 10
 Description: Opal crust collected on level +10; Nopal Formation

Subsample Id: NOPI-111-SEP1 Reference: 024/237 Log Date: 12-FEB-93
 Entered By: PGH Old ID: 19.0/5.0-SEP1
 Amount: Size: Store Loc: Bldg. 57
 Description: Opal crust from host rock; pure opal with no staining or inclusions

Subsample Id: NOPI-111-SEP2 Reference: 024/237 Log Date: 12-FEB-93
 Entered By: PGH Old ID: 19.0/5.0-SEP2
 Amount: Size: Store Loc: Bldg. 57
 Description: Opal crust from host rock; slightly stained with Fe-oxide

Subsample Id: NOPI-111-SEP3 Reference: 024/237 Log Date: 12-FEB-93
 Entered By: PGH Old ID: 19.0/5.0-SEP3
 Amount: Size: Store Loc: Bldg. 57
 Description: Opal crust from host rock; Fe-oxide inclusions present

Opal Analogs Samples and Subsamples

Sample Id: NOPI-111 Reference: 036/75 Collection Date: 01-SEP-92
 Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-19.0/5.0 Amount: 82.1 g Size: Bulk
 X: 19 Y: 5 Z: 10
 Description: Opal crust collected on level +10; Nopal Formation

Subsample Id: NOPI-111-SEP4 Reference: 024/237 Log Date: 12-FEB-93
 Entered By: PGH Old ID: 19.0/5.0-SEP4
 Amount: Size: Store Loc: Bldg. 57
 Description: Opal crust from host rock; contains white inclusions possibly fluid inclusions

Subsample Id: NOPI-111-SEP5 Reference: 024/237 Log Date: 12-FEB-93
 Entered By: PGH Old ID: 19.0/5.0-SEP5
 Amount: Size: Store Loc: Bldg. 57
 Description: Opal crust from host rock; contains inclusions of bright yellow uranophane

Subsample Id: NOPI-111-SEP6 Reference: 024/237 Log Date: 12-FEB-93
 Entered By: PGH Old ID: 19.0/5.0-SEP6
 Amount: Size: Store Loc: Bldg. 57
 Description: Opal crust from host rock; heavy Fe-oxide staining

Sample Id: NOPI-112 Reference: 036/81 Collection Date: 02-SEP-92
 Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-28.3/13.0 Amount: 439.6 g Size: Bulk
 X: 28.3 Y: 13 Z: 10
 Description: Altered tuff from "point" of level +10 cliff; Nopal Formation

Subsample Id: NOPI-112-GAM1 Reference: 024/245 Log Date: 01-MAR-93
 Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 4.1208 g Size: powder Store Loc: Bldg. 57
 Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-112-SEP1 Reference: 024/241 Log Date: 22-FEB-93
 Entered By: BWL Old ID: NOPI-ECP-#-SEP1
 Amount: <0.5 g Size: Store Loc: Bldg. 57
 Description: Mineral separate of opal and U-silicates taken from a vug

Subsample Id: NOPI-112-WR1 Reference: 024/241 Log Date: 22-FEB-93
 Entered By: BWL Old ID: NOPI-ECP-#-WR
 Amount: 21.56 g Size: powder Store Loc: Bldg. 57
 Description: Powdered portion of bulk rock sample

Subsample Id: NOPI-112-XRD1 Reference: 024/246 Log Date: 01-MAR-93
 Entered By: PGH Old ID: NOPI-ECP-#-XRD1
 Amount: Size: powder Store Loc: Bldg. 57
 Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-113 Reference: 042/86 Collection Date: 02-SEP-92
 Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-13.0/9.2 Amount: 208 g Size: Bulk
 X: 13 Y: 9.2 Z: 10
 Description: Hematitic tuff, uranium silicates in fractures; E-W traverse on level +10 of a 1X2 m area that crosses the boundary of the orebody; Nopal Formation

Final Analogs Samples and Subsamples

Sample Id: NOPI-113 Reference: 042/86 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-13.0/9.2 Amount: 208 g Size: Bulk
X: 13 Y: 9.2 Z: 10
Description: Hematitic tuff, uranium silicates in fractures; E-W traverse on level
+10 of a 1X2 m area that crosses the boundary of the orebody; Nopal
Formation

Subsample Id: NOPI-113-GAM1 Reference: 024/211 Log Date: 06-JAN-93
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.5583 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-113-WR1 Reference: 024/211 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 13.6 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-113

Subsample Id: NOPI-113-XRD1 Reference: 024/216 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-114 Reference: 042/86 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-12.87/9.1 Amount: 239 g Size: Bulk
X: 12.87 Y: 9.1 Z: 10
Description: Hematitic tuff, uranium silicates in fractures; E-W traverse on level
+10 of a 1X2 m area that crosses the boundary of the orebody; Nopal
Formation

Subsample Id: NOPI-114-GAM1 Reference: 024/226 Log Date: 06-JAN-93
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.5538 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-114-WR1 Reference: 024/211 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 12.7 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-114

Subsample Id: NOPI-114-XRD1 Reference: 024/216 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-115 Reference: 042/87 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-12.65/9.13 Amount: 178.8 g Size: Bulk
X: 12.65 Y: 9.13 Z: 10
Description: Hematitic/limonitic tuff, uranium silicates in fractures; E-W traverse
on level +10 of a 1X2 m area that crosses the boundary of the orebody;
Nopal Formation

Normal Analogs Samples and Subsamples

Sample Id: NOPI-115 Reference: 042/87 Collection Date: 02-SEP-92
 Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-12.65/9.13 Amount: 178.8 g Size: Bulk
 X: 12.65 Y: 9.13 Z: 10
 Description: Hematitic/limonitic tuff, uranium silicates in fractures; E-W traverse
 on level +10 of a 1X2 m area that crosses the boundary of the orebody;
 Nopal Formation

Subsample Id: NOPI-115-GAM1 Reference: 024/226 Log Date: 06-JAN-93
 Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 3.7336 g Size: powder Store Loc: Bldg. 57
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-115-GAM2 Reference: 080/116 Log Date: 24-FEB-94
 Entered By: JDP Old ID:
 Amount: 1.020 g Size: powder Store Loc: Bldg. 57
 Description: Portion of NOPI-115-GAM1 for gamma analysis in Div 01

Subsample Id: NOPI-115-WR1 Reference: 024/211 Log Date: 15-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR
 Amount: 14.0 g Size: powder Store Loc: Bldg. 57
 Description: Powdered portion of bulk rock sample NOPI-115

Subsample Id: NOPI-115-XRD1 Reference: 024/216 Log Date: 15-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg. 57
 Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
 analysis; Al powder added as an internal reference

Sample Id: NOPI-116 Reference: 042/87 Collection Date: 02-SEP-92
 Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-12.42/9.14 Amount: 441.4 g Size: Bulk
 X: 12.42 Y: 9.14 Z: 10
 Description: Hematitic/limonitic tuff, uranium silicates in fractures; E-W traverse
 on level +10 of a 1X2 m area that crosses the boundary of the orebody;
 Nopal Formation

Subsample Id: NOPI-116-GAM1 Reference: 024/226 Log Date: 06-JAN-93
 Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 3.7722 g Size: powder Store Loc: Bldg. 57
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-116-WR1 Reference: 024/211 Log Date: 15-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR
 Amount: 11.0 g Size: powder Store Loc: Bldg. 57
 Description: Powdered portion of bulk rock sample NOPI-116

Subsample Id: NOPI-116-XRD1 Reference: 024/216 Log Date: 15-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg. 57
 Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
 analysis; Al powder added as an internal reference

Sample Id: NOPI-117 Reference: 042/87 Collection Date: 02-SEP-92
 Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-12.18/9.1 Amount: 89.3 g Size: Bulk
 X: 12.18 Y: 9.1 Z: 10
 Description: Very broken, hematitic tuff; E-W traverse on level +10 of a 1X2 m area
 that crosses the boundary of the orebody; Nopal Formation

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-117 Reference: 042/87 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-12.18/9.1 Amount: 89.3 g Size: Bulk
X: 12.18 Y: 9.1 Z: 10
Description: Very broken, hematitic tuff; E-W traverse on level +10 of a 1X2 m area
that crosses the boundary of the orebody; Nopal Formation

Subsample Id: NOPI-117-GAM1 Reference: 024/226 Log Date: 06-JAN-93
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.0962 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-117-GAM2 Reference: 080/116 Log Date: 24-FEB-94
Entered By: JDP Old ID:
Amount: 1.004 g Size: powder Store Loc: Bldg. 57
Description: Portion of NOPI-117-GAM1 for gamma analysis in Div 01

Subsample Id: NOPI-117-WR1 Reference: 024/211 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 13.2 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-117

Subsample Id: NOPI-117-XRD1 Reference: 024/216 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-118 Reference: 042/87 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-12.0/9.09 Amount: 121 g Size: Bulk
X: 12 Y: 9.09 Z: 10
Description: Very broken, hematitic tuff; E-W traverse on level +10 of a 1X2 m area
that crosses the boundary of the orebody; Nopal Formation

Subsample Id: NOPI-118-GAM1 Reference: 024/226 Log Date: 06-JAN-93
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.3213 g Size: powder Store Loc: Bldg. 51
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-118-WR1 Reference: 024/212 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 15.0 g Size: powder Store Loc: Bldg. 51
Description: Powdered portion of bulk rock sample NOPI-118

Subsample Id: NOPI-118-XRD1 Reference: 024/216 Log Date: 16-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg. 51
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-119 Reference: 042/87 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-11.78/9.17 Amount: 139 g Size: Bulk
X: 11.78 Y: 9.17 Z: 10
Description: Very broken, hematitic/limonitic tuff; E-W traverse on level +10 of a
1X2 m area that crosses the boundary of the orebody; Nopal Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-119 Reference: 042/87 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-11.78/9.17 Amount: 139 g Size: Bulk
X: 11.78 Y: 9.17 Z: 10
Description: Very broken, hematitic/limonitic tuff; E-W traverse on level +10 of a
1X2 m area that crosses the boundary of the orebody; Nopal Formation

Subsample Id: NOPI-119-GAM1 Reference: 024/226 Log Date: 06-JAN-93
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.9994 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-119-GAM2 Reference: 080/116 Log Date: 24-FEB-94
Entered By: JDP Old ID:
Amount: 1.008 g Size: powder Store Loc: Bldg. 57
Description: Portion of NOPI-119-GAM1 for gamma analysis in Div 01

Subsample Id: NOPI-119-WR1 Reference: 024/212 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 15.2 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-119

Subsample Id: NOPI-119-XRD1 Reference: 024/216 Log Date: 16-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-120 Reference: 042/88 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-11.6/9.12 Amount: 106 g Size: Bulk
X: 11.6 Y: 9.12 Z: 10
Description: Very broken, hematitic/kaolinitic tuff; E-W traverse on level +10 of a
1X2 m area that crosses the boundary of the orebody; Nopal Formation

Subsample Id: NOPI-120-GAM1 Reference: 024/226 Log Date: 06-JAN-93
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.1533 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-120-WR1 Reference: 024/212 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 13.6 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-120

Subsample Id: NOPI-120-XRD1 Reference: 024/216 Log Date: 16-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-121 Reference: 042/88 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-11.4/9.13 Amount: 230 g Size: Bulk
X: 11.4 Y: 9.13 Z: 10
Description: Pink-colored tuff with hematite along fractures; E-W traverse on level
+10 of a 1X2 m area that crosses the boundary of the orebody; Nopal
Formation

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-121 Reference: 042/88 Collection Date: 02-SEP-92
 Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-11.4/9.13 Amount: 230 g Size: Bulk
 X: 11.4 Y: 9.13 Z: 10
 Description: Pink-colored tuff with hematite along fractures; E-W traverse on level
 +10 of a 1X2 m area that crosses the boundary of the orebody; Nopal
 Formation

Subsample Id: NOPI-121-GAM1 Reference: 024/226 Log Date: 06-JAN-93
 Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 3.7925 g Size: powder Store Loc: Bldg. 57
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-121-GAM2 Reference: 080/116 Log Date: 24-FEB-94
 Entered By: JDP Old ID:
 Amount: 1.004 g Size: powder Store Loc: Bldg. 57
 Description: Portion of NOPI-121-GAM1 for gamma analysis in Div 01

Subsample Id: NOPI-121-WR1 Reference: 024/212 Log Date: 15-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR
 Amount: 13.0 g Size: powder Store Loc: Bldg. 57
 Description: Powdered portion of bulk rock sample NOPI-121

Subsample Id: NOPI-121-XRD1 Reference: 024/216 Log Date: 16-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg. 57
 Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
 analysis; Al powder added as an internal reference

Sample Id: NOPI-122 Reference: 042/88 Collection Date: 02-SEP-92
 Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-11.22/9.07 Amount: 183 g Size: Bulk
 X: 11.22 Y: 9.07 Z: 10
 Description: Pink-colored tuff with Fe-oxides along fractures; E-W traverse on
 level +10 of a 1X2 m area that crosses the boundary of the orebody;
 Nopal Formation

Subsample Id: NOPI-122-GAM1 Reference: 024/226 Log Date: 06-JAN-93
 Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 3.9387 g Size: powder Store Loc: Bldg. 57
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-122-WR1 Reference: 024/212 Log Date: 15-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR
 Amount: 15.0 g Size: powder Store Loc: Bldg. 57
 Description: Powdered portion of bulk rock sample NOPI-122

Subsample Id: NOPI-122-XRD1 Reference: 024/216 Log Date: 16-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-XRD1
 Amount: 1.0 g Size: powder Store Loc: Bldg. 57
 Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
 analysis; Al powder added as an internal reference

Sample Id: NOPI-123 Reference: 042/88 Collection Date: 02-SEP-92
 Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-11.0/9.15 Amount: 272 g Size: Bulk
 X: 11 Y: 9.15 Z: 10
 Description: Pink/white-colored tuff with Fe-oxides along fractures; E-W traverse
 on level +10 of a 1X2 m area that crosses the boundary of the orebody;
 Nopal Formation

Internal Analogs Samples and Subsamples

Sample Id: NOPI-123 Reference: 042/88 Collection Date: 02-SEP-92
Log Date: 08-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-11.0/9.15 Amount: 272 g Size: Bulk
X: 11 Y: 9.15 Z: 10
Description: Pink/white-colored tuff with Fe-oxides along fractures; E-W traverse
on level +10 of a 1X2 m area that crosses the boundary of the orebody;
Nopal Formation

Subsample Id: NOPI-123-GAM1 Reference: 024/226 Log Date: 06-JAN-93
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.8170 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-123-GAM2 Reference: 080/116 Log Date: 24-FEB-94
Entered By: JDP Old ID:
Amount: 1.008 g Size: powder Store Loc: Bldg. 57
Description: Portion of NOPI-123-GAM1 for gamma analysis in Div 01

Subsample Id: NOPI-123-WR1 Reference: 024/213 Log Date: 15-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 12.3 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-123

Subsample Id: NOPI-123-XRD1 Reference: 024/216 Log Date: 16-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-124 Reference: 042/91 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-12.7/26.45 Amount: 298 g Size: Bulk
X: 12.7 Y: 26.45 Z: 10
Description: Hematitic/limonitic tuff; E-W traverse on level +10 across the
northern excursion of high gamma readings; Nopal Formation

Subsample Id: NOPI-124-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-124-WR1 Reference: 024/250 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 16.37 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-124

Subsample Id: NOPI-124-XRD1 Reference: 024/256 Log Date: 12-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-125 Reference: 042/91 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-14.0/26.4 Amount: 590 g Size: Bulk
X: 14 Y: 26.4 Z: 10
Description: Limonitic tuff; E-W traverse on level +10 across the northern
excursion of high gamma readings; Nopal Formation

General Analogs Samples and Subsamples

Sample Id: NOPI-125 Reference: 042/91 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-14.0/26.4 Amount: 590 g Size: Bulk
X: 14 Y: 26.4 Z: 10
Description: Limonitic tuff; E-W traverse on level +10 across the northern excursion of high gamma readings; Nopal Formation

Subsample Id: NOPI-125-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-125-WR1 Reference: 024/250 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 17.01 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-125

Subsample Id: NOPI-125-XRD1 Reference: 024/256 Log Date: 12-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-126 Reference: 042/91 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-14.95/26.55 Amount: 418 g Size: Bulk
X: 14.95 Y: 26.55 Z: 10
Description: Limonitic tuff; E-W traverse on level +10 across the northern excursion of high gamma readings; Nopal Formation

Subsample Id: NOPI-126-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-126-WR1 Reference: 024/250 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 18.79 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-126

Subsample Id: NOPI-126-XRD1 Reference: 024/256 Log Date: 12-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-127 Reference: 042/91 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-15.9/26.70 Amount: 1009 g Size: Bulk
X: 15.9 Y: 26.7 Z: 10
Description: Limonitic tuff; E-W traverse on level +10 across the northern excursion of high gamma readings; Nopal Formation

Subsample Id: NOPI-127-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-127 Reference: 042/91 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-15.9/26.70 Amount: 1009 g Size: Bulk
X: 15.9 Y: 26.7 Z: 10
Description: Limonitic tuff; E-W traverse on level +10 across the northern excursion of high gamma readings; Nopal Formation

Subsample Id: NOPI-127-WR1 Reference: 024/250 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 17.73 g Size: powder Store Loc: Bldg. 51
Description: Powdered portion of bulk rock sample NOPI-127

Subsample Id: NOPI-127-XRD1 Reference: 024/256 Log Date: 15-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 51
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-128 Reference: 042/91 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-17.1/26.5 Amount: 307 g Size: Bulk
X: 17.1 Y: 26.5 Z: 10
Description: Relatively unaltered tuff; E-W traverse on level +10 across the northern excursion of high gamma readings; Nopal Formation

Subsample Id: NOPI-128-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-128-WR1 Reference: 024/250 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 16.73 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-128

Subsample Id: NOPI-128-XRD1 Reference: 024/256 Log Date: 15-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-129 Reference: 022/85 Collection Date: 03-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-15.9/9.95 Amount: 32.5 g Size: Bulk
X: 15.9 Y: 9.95 Z: 10
Description: Uranophane-limonite rich material around red-yellow rich vein rock; collected from an E-W trending vein on level +10; Nopal Formation

Subsample Id: NOPI-129-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.406 g Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock powder for gamma analysis (polypropylene vial)

Subsample Id: NOPI-129-WR1 Reference: 024/251 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 16.56 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-129

Internal Analogs Samples and Subsamples

Sample Id: NOPI-129 Reference: 022/85 Collection Date: 03-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-15.9/9.95 Amount: 32.5 g Size: Bulk
X: 15.9 Y: 9.95 Z: 10
Description: Uranophane-limonite rich material around red-yellow rich vein rock;
collected from an E-W trending vein on level +10; Nopal Formation

Subsample Id: NOPI-129-XRD1 Reference: 024/256 Log Date: 15-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock powder for x-ray diffraction (XRD) analysis; Al
powder added as an internal reference

Sample Id: NOPI-130 Reference: 022/85 Collection Date: 03-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-15.7/10.0 Amount: 27.5 g Size: Bulk
X: 15.7 Y: 10 Z: 10
Description: Black (calcite?) material around bleached vein rock; collected from an
E-W trending vein on level +10; Nopal Formation

Subsample Id: NOPI-130-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.9604 g Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-130-SEP1 Reference: 024/251 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-SEP1
Amount: < 0.5 g Size: crystals Store Loc: Bldg. 57
Description: Mineral separate containing primarily an unknown black fibrous mineral

Subsample Id: NOPI-130-WR1 Reference: 024/251 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 11.97 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-130

Subsample Id: NOPI-130-XRD1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock sample for x-ray diffraction (XRD) analysis; Al
powder added as an internal reference

Sample Id: NOPI-131 Reference: 022/85 Collection Date: 03-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-15.6/10.0 Amount: 21.5 g Size: Bulk
X: 15.6 Y: 10 Z: 10
Description: Bleached material near intersection of vein with N-S fracture;
collected from an E-W trending vein on level +10; Nopal Formation

Subsample Id: NOPI-131-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.4287 g Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-131-WR1 Reference: 024/251 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 7.29 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-131

General Analogs Samples and Subsamples

Sample Id: NOPI-131 Reference: 022/85 Collection Date: 03-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-15.6/10.0 Amount: 21.5 g Size: Bulk
X: 15.6 Y: 10 Z: 10
Description: Bleached material near intersection of vein with N-S fracture;
collected from an E-W trending vein on level +10; Nopal Formation

Subsample Id: NOPI-131-XRD1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock sample for x-ray diffraction (XRD) analysis; Al
powder added as an internal reference

Sample Id: NOPI-132 Reference: 022/85 Collection Date: 03-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-15.2/10.1 Amount: 27.06 g Size: Bulk
X: 15.2 Y: 10.1 Z: 10
Description: Reddish rock in vein where vein minerals appear leached; collected
from an E-W trending vein on level +10; Nopal Formation

Subsample Id: NOPI-132-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.9256 g Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-132-WR1 Reference: 024/251 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 9.50 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-132

Subsample Id: NOPI-132-XRD1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock sample for x-ray diffraction (XRD) analysis; Al
powder added as an internal reference

Sample Id: NOPI-133 Reference: 022/85 Collection Date: 03-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-15.4/9.9 Amount: 38.3 g Size: Bulk
X: 15.4 Y: 9.9 Z: 10
Description: Rock about 5 cm from vein in zone of N-S fracture; collected from an
E-W trending vein on level +10; Nopal Formation

Subsample Id: NOPI-133-GAM1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.6338 g Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock powder for gamma analysis (polypropylene vial)

Subsample Id: NOPI-133-WR1 Reference: 024/251 Log Date: 03-MAR-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 16.51 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-133

Subsample Id: NOPI-133-XRD1 Reference: 024/256 Log Date: 16-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock powder for x-ray diffraction (XRD) analysis; Al
powder added as an internal reference

Major Analogs Samples and Subsamples

Sample Id: NOPI-134 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-0.0/13.4 Amount: 5.3 g Size: Bulk
X: 0 Y: 13.4 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-134-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 0.27 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-134-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 5.3 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Subsample Id: NOPI-134-XRD2 Reference: 080/156 Log Date: 04-APR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg. 57
Description: All of NOPI-134-GAM1 taken for x-ray diffraction analysis

Sample Id: NOPI-135 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-0.7/13.44 Amount: 5.2 g Size: Bulk
X: .7 Y: 13.44 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-135-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 0.16 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-135-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 5.2 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Sample Id: NOPI-136 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-2.7/13.56 Amount: 5.3 g Size: Bulk
X: 2.7 Y: 13.56 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-136-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 0.22 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-136-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 5.3 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Isotopic Analogs Samples and Subsamples

Sample Id: NOPI-136 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-2.7/13.56 Amount: 5.3 g Size: Bulk
X: 2.7 Y: 13.56 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-136-XRD2 Reference: 080/156 Log Date: 04-APR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg. 57
Description: All of NOPI-136-GAM1 taken for x-ray diffraction (XRD) analysis

Sample Id: NOPI-137 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-3.78/13.7 Amount: 21.2 g Size: Bulk
X: 3.78 Y: 13.7 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-137-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-137-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 10.0 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Subsample Id: NOPI-137-XRD1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: PGH Old ID:
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-138 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-5.05/13.73 Amount: 6.2 g Size: Bulk
X: 5.05 Y: 13.73 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-138-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 1.05 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-138-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 6.2 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Subsample Id: NOPI-138-XRD2 Reference: 080/141 Log Date: 21-MAR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of NOPI-138-GAM1 for x-ray diffraction (XRD) analysis

eral Analogs Samples and Subsamples

Sample Id: NOPI-139 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-6.15/13.96 Amount: 7.8 g Size: Bulk
X: 6.15 Y: 13.96 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-139-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 2.6 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-139-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 7.8 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Sample Id: NOPI-140 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-8.45/13.82 Amount: 13.1 g Size: Bulk
X: 8.45 Y: 13.82 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-140-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.73 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-140-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 10.0 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Subsample Id: NOPI-140-XRD1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: PGH Old ID:
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for x-ray diffraction
(XRD) analysis

Subsample Id: NOPI-140-XRD2 Reference: 080/141 Log Date: 21-MAR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg. 57
Description: Hand-picked Fe-oxides from bulk sample that were powdered plus portion
of NOPI-140-GAM1 for x-ray diffraction (XRD) analysis

Sample Id: NOPI-141 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9.4/13.61 Amount: 8.1 g Size: Bulk
X: 9.4 Y: 13.61 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-141 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9.4/13.61 Amount: 8.1 g Size: Bulk
X: 9.4 Y: 13.61 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-141-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 2.84 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-141-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 8.1 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Sample Id: NOPI-142 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-10.1/13.48 Amount: 8.8 g Size: Bulk
X: 10.1 Y: 13.48 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-142-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.66 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-142-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 8.8 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Subsample Id: NOPI-142-XRD2 Reference: 080/141 Log Date: 21-MAR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of NOPI-142-GAM1 for x-ray diffraction (XRD) analysis

Sample Id: NOPI-143 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-11.05/13.36 Amount: 8.5 g Size: Bulk
X: 11.05 Y: 13.36 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-143-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.14 g Size: powder Store Loc: Bldg. 51
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-143-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 8.5 g Size: powder Store Loc: Bldg. 51
Description: Powdered portion of fracture-filling material

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-143 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-11.05/13.36 Amount: 8.5 g Size: Bulk
X: 11.05 Y: 13.36 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-143-XRD1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: Size: powder Store Loc: Bldg. 51
Description: Portion of powdered fracture-filling material for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-144 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-12.22/13.35 Amount: 10.1 g Size: Bulk
X: 12.22 Y: 13.35 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-144-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 4.39 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-144-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 10.1 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Subsample Id: NOPI-144-XRD2 Reference: 080/141 Log Date: 21-MAR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of NOPI-144-GAM1 for x-ray diffraction (XRD) analysis

Sample Id: NOPI-145 Reference: 036/70 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-13.2/13.28 Amount: 8.2 g Size: Bulk
X: 13.2 Y: 13.28 Z: 10
Description: Fracture-filling material, Fe oxides, Mn oxides?, calcite/silica?;
collected from a prominent E-W trending fracture on level +10 at about
13.5 m N; Nopal Formation

Subsample Id: NOPI-145-GAM1 Reference: 024/202 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 2.90 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-145-WR1 Reference: 024/201 Log Date: 11-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 8.2 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of fracture-filling material

Subsample Id: NOPI-145-XRD1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: PGH Old ID:
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered fracture-filling material for x-ray diffraction
(XRD) analysis

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-148 Reference: 036/76 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-4.5/13.83 Amount: 14.5 g Size: Bulk
X: 4.5 Y: 13.83 Z: 10
Description: Altered tuff, north of fracture; collected across (perpendicular) the
prominant E-W trending fracture on level +10 at about 13.5 m N; Nopal
Formation

Subsample Id: NOPI-148-WR1 Reference: 024/204 Log Date: 12-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 9.4 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-148

Subsample Id: NOPI-148-XRD1 Reference: 024/206 Log Date: 13-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: < 1.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample NOPI-148 powdered for x-ray diffraction
(XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-149 Reference: 036/76 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-4.5/13.86 Amount: 24.6 g Size: Bulk
X: 4.5 Y: 13.86 Z: 10
Description: Altered tuff, north of fracture; collected across (perpendicular) the
prominant E-W trending fracture on level +10 at about 13.5 m N; Nopal
Formation

Subsample Id: NOPI-149-GAM1 Reference: 024/205 Log Date: 12-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.3013 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-149-WR1 Reference: 024/204 Log Date: 12-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 8.7 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-149

Subsample Id: NOPI-149-XRD1 Reference: 024/206 Log Date: 13-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: < 1.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample NOPI-149 powdered for x-ray diffraction
(XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-150 Reference: 036/76 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-4.5/13.9 Amount: 14.7 g Size: Bulk
X: 4.5 Y: 13.9 Z: 10
Description: Altered tuff, north of fracture; collected across (perpendicular) the
prominant E-W trending fracture on level +10 at about 13.5 m N; Nopal
Formation

Subsample Id: NOPI-150-GAM1 Reference: 024/205 Log Date: 12-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.4823 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-150-WR1 Reference: 024/204 Log Date: 12-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 9.6 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-150

M...ral Analogs Samples and Subsamples

Sample Id: NOPI-150 Reference: 036/76 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-4.5/13.9 Amount: 14.7 g Size: Bulk
X: 4.5 Y: 13.9 Z: 10
Description: Altered tuff, north of fracture; collected across (perpendicular) the
prominant E-W trending fracture on level +10 at about 13.5 m N; Nopal
Formation

Subsample Id: NOPI-150-XRD1 Reference: 024/206 Log Date: 13-DEC-92
Entered By: BWL Old ID: NOPI-ECP-#-XRD1
Amount: < 1.0 g Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample NOPI-150 powdered for x-ray diffraction
(XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-151 Reference: 036/76 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-4.5/13.77 Amount: 69.6 g Size: Bulk
X: 4.5 Y: 13.77 Z: 10
Description: Altered tuff, south of fracture; collected across (perpendicular) the
prominant E-W trending fracture on level +10 at about 13.5 m N; Nopal
Formation

Subsample Id: NOPI-151-A-GAM1 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: NOPI-ECP-#-A-GAM1
Amount: 1.428 g Size: powder Store Loc: Bldg. 57
Description: Slice 1 of bulk rock sample (0.418 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-151-A-GAM2 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: NOPI-ECP-#-A-GAM2
Amount: 0.767 g Size: powder Store Loc: Bldg. 57
Description: Slice 2 of bulk rock sample (0.170 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-151-A-GAM3 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: NOPI-ECP-#-A-GAM3
Amount: 0.783 g Size: powder Store Loc: Bldg. 57
Description: Slice 3 of bulk rock sample (0.219 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-151-A-GAM4 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: NOPI-ECP-#-A-GAM4
Amount: 0.646 g Size: powder Store Loc: Bldg. 57
Description: Slice 4 of bulk rock sample (0.196 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-151-A-GAM5 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: NOPI-ECP-#-A-GAM5
Amount: 0.393 g Size: powder Store Loc: Bldg. 57
Description: Slice 5 of bulk rock sample (0.205 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-151-A-GAM6 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: NOPI-ECP-#-A-GAM6
Amount: 0.250 g Size: powder Store Loc: Bldg. 57
Description: Slice 6 of bulk rock sample (0.231 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-151-GAM0 Reference: 024/261 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-GAM0
Amount: 0.200 g Size: powder Store Loc: Bldg. 57
Description: Slice 0 of bulk rock sample powdered for gamma analysis (polypropylene
vial)

Local Analogs Samples and Subsamples

Sample Id: NOPI-151 Reference: 036/76 Collection Date: 01-SEP-92
 Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-4.5/13.77 Amount: 69.6 g Size: Bulk
 X: 4.5 Y: 13.77 Z: 10
 Description: Altered tuff, south of fracture; collected across (perpendicular) the
 prominent E-W trending fracture on level +10 at about 13.5 m N; Nopal
 Formation

Subsample Id: NOPI-151-GAM1 Reference: 024/261 Log Date: 31-MAR-93
 Entered By: PGH Old ID: NOPI-ECP-#-GAM1
 Amount: 1.55 g Size: powder Store Loc: Bldg. 57
 Description: Slice 1 of bulk rock sample powdered for gamma analysis (polypropylene
 vial)

Subsample Id: NOPI-151-GAM2 Reference: 024/261 Log Date: 31-MAR-93
 Entered By: PGH Old ID: NOPI-ECP-#-GAM2
 Amount: 2.0762 g Size: powder Store Loc: Bldg. 57
 Description: Slice 2 of bulk rock sample powdered for gamma analysis (polypropylene
 vial)

Subsample Id: NOPI-151-GAM3 Reference: 024/261 Log Date: 31-MAR-93
 Entered By: PGH Old ID: NOPI-ECP-#-GAM3
 Amount: 2.2064 g Size: powder Store Loc: Bldg. 57
 Description: Slice 3 of bulk rock sample powdered for gamma analysis (polypropylene
 vial)

Subsample Id: NOPI-151-GAM4 Reference: 024/261 Log Date: 31-MAR-93
 Entered By: PGH Old ID: NOPI-ECP-#-GAM4
 Amount: 2.7739 g Size: powder Store Loc: Bldg. 57
 Description: Slice 4 of bulk rock sample powdered for gamma analysis (polypropylene
 vial)

Subsample Id: NOPI-151-GAM5 Reference: 024/261 Log Date: 31-MAR-93
 Entered By: PGH Old ID: NOPI-ECP-#-GAM5
 Amount: 1.5968 g Size: powder Store Loc: Bldg. 57
 Description: Slice 5 of bulk rock sample powdered for gamma analysis (polypropylene
 vial)

Subsample Id: NOPI-151-GAM6 Reference: 024/261 Log Date: 31-MAR-93
 Entered By: PGH Old ID: NOPI-ECP-#-GAM6
 Amount: 3.6358 g Size: powder Store Loc: Bldg. 57
 Description: Slice 6 of bulk rock sample powdered for gamma analysis (polypropylene
 vial)

Subsample Id: NOPI-151-GAM7 Reference: 024/261 Log Date: 31-MAR-93
 Entered By: PGH Old ID: NOPI-ECP-#-GAM7
 Amount: 2.5955 g Size: powder Store Loc: Bldg. 57
 Description: Slice 7 of bulk rock sample powdered for gamma analysis (polypropylene
 vial)

Subsample Id: NOPI-151-GAM8 Reference: 024/261 Log Date: 31-MAR-93
 Entered By: PGH Old ID: NOPI-ECP-#-GAM8
 Amount: 3.1679 g Size: powder Store Loc: Bldg. 57
 Description: Slice 8 of bulk rock sample powdered for gamma analysis (polypropylene
 vial)

Subsample Id: NOPI-151-WR1 Reference: 024/203 Log Date: 12-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR
 Amount: 10.1 g Size: powder Store Loc: Bldg. 57
 Description: Powdered portion of bulk rock sample NOPI -151

Subsample Id: NOPI-151-XRD1 Reference: 024/206 Log Date: 13-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-XRD1
 Amount: < 1.0 g Size: powder Store Loc: Bldg. 57
 Description: Portion of bulk rock sample NOPI-151 powdered for x-ray diffraction
 (XRD) analysis; Al powder added as an internal reference

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-152 Reference: 036/76 Collection Date: 01-SEP-92
 Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-4.5/13.73 Amount: 78.5 g Size: Bulk
 X: 4.5 Y: 13.73 Z: 10
 Description: Altered tuff, south of fracture; collected across (perpendicular) the
 prominent E-W trending fracture on level +10 at about 13.5 m N; Nopal
 Formation

Subsample Id: NOPI-152-GAM1 Reference: 024/205 Log Date: 12-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 3.8228 g Size: powder Store Loc: Bldg. 57
 Description: Portion of whole rock powder for gamma analysis (polypropylene vial)

Subsample Id: NOPI-152-SEP1 Reference: 024/203 Log Date: 12-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-SEP1
 Amount: 0.06 g Size: powder Store Loc: Bldg. 57
 Description: Mineral separate of kaolinite

Subsample Id: NOPI-152-WR1 Reference: 024/203 Log Date: 12-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR
 Amount: 16.95 g Size: powder Store Loc: Bldg. 57
 Description: Powdered portion of bulk rock sample NOPI-152

Subsample Id: NOPI-152-XRD1 Reference: 024/206 Log Date: 13-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-XRD1
 Amount: < 1.0 g Size: powder Store Loc: Bldg. 51
 Description: Portion of bulk rock sample NOPI-152 powdered for x-ray diffraction
 (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-153 Reference: 036/77 Collection Date: 01-SEP-92
 Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-4.5/13.66 Amount: 33.2 g Size: Bulk
 X: 4.5 Y: 13.66 Z: 10
 Description: Altered tuff, south of fracture; collected across (perpendicular) the
 prominent E-W trending fracture on level +10 at about 13.5 m N; Nopal
 Formation

Subsample Id: NOPI-153-GAM1 Reference: 024/205 Log Date: 12-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR-GAM
 Amount: 3.503 g Size: powder Store Loc: Bldg. 57
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-153-WR1 Reference: 024/203 Log Date: 12-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-WR
 Amount: 16.5 g Size: powder Store Loc: Bldg. 57
 Description: Powdered portion of bulk rock sample NOPI-153

Subsample Id: NOPI-153-XRD1 Reference: 024/206 Log Date: 13-DEC-92
 Entered By: BWL Old ID: NOPI-ECP-#-XRD1
 Amount: < 1.0 g Size: powder Store Loc: Bldg. 57
 Description: Portion of bulk rock sample NOPI-153 powdered for x-ray diffraction
 (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-154 Reference: 036/77 Collection Date: 01-SEP-92
 Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
 Old ID: NOPI-ECP-4.5/13.62 Amount: 41.6 g Size: Bulk
 X: 4.5 Y: 13.62 Z: 10
 Description: Altered tuff, south of fracture; collected across (perpendicular) the
 prominent E-W trending fracture on level +10 at about 13.5 m N; Nopal
 Formation

Local Analogs Samples and Subsamples

Sample Id: NOPI-156 Reference: 036/78 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9.95/13.55 Amount: 95.3 g Size: Bulk
X: 9.95 Y: 13.55 Z: 10
Description: Altered tuff, north of fracture; collected across (perpendicular) the prominent E-W trending fracture on level +10 at about 13.5 m N; Nopal Formation

Subsample Id: NOPI-156-GAM1 Reference: 024/249 Log Date: 02-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.522 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-156-WR1 Reference: 024/242 Log Date: 22-FEB-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 16.34 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-156

Subsample Id: NOPI-156-XRD1 Reference: 024/246 Log Date: 01-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock powder for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-157 Reference: 036/78 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9.95/13.60 Amount: 107.7 g Size: Bulk
X: 9.95 Y: 13.6 Z: 10
Description: Altered tuff, north of fracture; collected across (perpendicular) the prominent E-W trending fracture on level +10 at about 13.5 m N; Nopal Formation

Subsample Id: NOPI-157-GAM1 Reference: 024/249 Log Date: 02-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.3737 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-157-WR1 Reference: 024/241 Log Date: 22-FEB-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 15.75 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-157

Subsample Id: NOPI-157-XRD1 Reference: 024/249 Log Date: 02-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of whole rock powder for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-158 Reference: 036/78 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9.95/13.63 Amount: 53.2 g Size: Bulk
X: 9.95 Y: 13.63 Z: 10
Description: Altered tuff, north of fracture; collected across (perpendicular) the prominent E-W trending fracture on level +10 at about 13.5 m N; Nopal Formation

General Analogs Samples and Subsamples

Sample Id: NOPI-160 Reference: 036/79 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9.95/13.45 Amount: 47.1 g Size: Bulk
X: 9.95 Y: 13.45 Z: 10
Description: Altered tuff, south of fracture; collected across (perpendicular) the
prominant E-W trending fracture on level +10 at about 13.5 m N; Nopal
Formation

Subsample Id: NOPI-160-GAM1 Reference: 024/249 Log Date: 02-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.7934 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-160-WR1 Reference: 024/242 Log Date: 22-FEB-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 19.65 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-160

Subsample Id: NOPI-160-XRD1 Reference: 024/249 Log Date: 02-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-161 Reference: 036/79 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9.95/13.39 Amount: 44.1 g Size: Bulk
X: 9.95 Y: 13.39 Z: 10
Description: Altered tuff, south of fracture; collected across (perpendicular) the
prominant E-W trending fracture on level +10 at about 13.5 m N; Nopal
Formation

Subsample Id: NOPI-161-GAM1 Reference: 024/249 Log Date: 02-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.4953 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-161-WR1 Reference: 024/242 Log Date: 22-FEB-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 15.90 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-161

Subsample Id: NOPI-161-XRD1 Reference: 024/249 Log Date: 02-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis; Al spike added as an internal reference

Sample Id: NOPI-162 Reference: 036/79 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9.95/13.33 Amount: 84.8 g Size: Bulk
X: 9.95 Y: 13.33 Z: 10
Description: Altered tuff, south of fracture; collected across (perpendicular) the
prominant E-W trending fracture on level +10 at about 13.5 m N; Nopal
Formation

Local Analogs Samples and Subsamples

Sample Id: NOPI-162 Reference: 036/79 Collection Date: 01-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-9.95/13.33 Amount: 84.8 g Size: Bulk
X: 9.95 Y: 13.33 Z: 10
Description: Altered tuff, south of fracture; collected across (perpendicular) the
prominant E-W trending fracture on level +10 at about 13.5 m N; Nopal
Formation

Subsample Id: NOPI-162-GAM1 Reference: 024/249 Log Date: 02-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-WR-GAM
Amount: 3.8698 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-162-WR1 Reference: 024/242 Log Date: 22-FEB-93
Entered By: BWL Old ID: NOPI-ECP-#-WR
Amount: 19.07 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-162

Subsample Id: NOPI-162-XRD1 Reference: 024/249 Log Date: 02-MAR-93
Entered By: PGH Old ID: NOPI-ECP-#-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-163 Reference: 042/89 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-14/0 Amount: 2233.6 g Size: Bulk
X: Y: Z:
Description: Calcite-cemented breccia along a horizontal fracture along level +10
vertical wall (about 8 ft. from +10 surface); Nopal Formation

Subsample Id: NOPI-163-SEP1 Reference: 024/255 Log Date: 11-MAR-93
Entered By: PGH Old ID: NOPI-10-14/0-SEP1
Amount: Size: Store Loc: Bldg. 57
Description: Portion of bulk rock sample powdered and placed in a vial

Subsample Id: NOPI-163-XRD1 Reference: 024/255 Log Date: 11-MAR-93
Entered By: PGH Old ID: NOPI-10-14/0-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Portion of bulk rock sample NOPI-163 powdered for x-ray diffraction
(XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-164 Reference: 042/89 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-14/0.5 Amount: 271.5 g Size: Bulk
X: Y: Z:
Description: Calcite-cemented breccia, very friable, in a vertical fracture on
level +10 vertical wall (about 8 ft. from +10 surface); Nopal
Formation

Subsample Id: NOPI-164-SEP1 Reference: 024/255 Log Date: 11-MAR-93
Entered By: PGH Old ID: NOPI-10-14/0.5-SEP1
Amount: 5.67 g Size: powder Store Loc: Bldg. 57
Description: 250 micron size fraction of crushed and sieved bulk rock sample;
sample was then powdered

Subsample Id: NOPI-164-SEP2 Reference: 024/255 Log Date: 11-MAR-93
Entered By: PGH Old ID: NOPI-10-14/0.5-SEP2
Amount: 1.45 g Size: powder Store Loc: Bldg. 57
Description: 125 micron size fraction of crushed and sieved bulk rock sample;
sample was then powdered

1. Mineral Analogs Samples and Subsamples

Sample Id: NOPI-167 Reference: 042/92 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-19/2 Amount: 602 g Size: Bulk
X: Y: Z:
Description: Dark calcite filling both horizontal and vertical fractures in the level +10 vertical wall; Nopal Formation

Subsample Id: NOPI-167-GAM1 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-10-19/2-GAM
Amount: 1.1914 g Size: powder Store Loc: Bldg. 57
Description: Portion of 63 micron calcite separate powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-167-SEP1 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-10-19/2-SEP1
Amount: Size: Store Loc: Bldg. 57
Description: Calcite separate; crushed and sieved 250 micron fraction

Subsample Id: NOPI-167-SEP2 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-10-19/2-SEP2
Amount: Size: Store Loc: Bldg. 57
Description: Calcite separate; crushed and sieved 63 micron fraction

Subsample Id: NOPI-167-XRD1 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-10-19/2-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: Calcite separate; crushed and sieved 125 micron size fraction powdered for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-168 Reference: 042/93 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-18/2A Amount: 210 g Size: Bulk
X: Y: Z:
Description: Nopal tuff adjacent to a fracture that contains fault gouge material; collected from level +10 vertical wall; Nopal Formation

Subsample Id: NOPI-168-GAM1 Reference: 024/302 Log Date: 18-JUN-93
Entered By: OCL Old ID: NOPI-10-18/2A*GAM
Amount: 4.994 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-168-WR1 Reference: 024/293 Log Date: 02-JUN-93
Entered By: BWL Old ID: NOPI-10-18/2A*WR
Amount: 34.080 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-168

Sample Id: NOPI-169 Reference: 042/93 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-18/2B Amount: 167 g Size: Bulk
X: Y: Z:
Description: Broken Nopal tuff (gouge material) in fracture; collected from level +10 vertical wall; Nopal Formation

Subsample Id: NOPI-169-GAM1 Reference: 024/299 Log Date: 16-JUN-93
Entered By: OCL Old ID: NOPI-10-18/2B*GAM
Amount: 4.24 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

1. Mineral Analogs Samples and Subsamples

Sample Id: NOPI-169 Reference: 042/93 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-18/2B Amount: 167 g Size: Bulk
X: Y: Z:
Description: Broken Nopal tuff (gouge material) in fracture; collected from level
+10 vertical wall; Nopal Formation

Subsample Id: NOPI-169-GAM2 Reference: 024/299 Log Date: 16-JUN-93
Entered By: OCL Old ID: NOPI-10-18/2B*GAM
Amount: 4.24 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-169-GAM3 Reference: 024/299 Log Date: 16-JUN-93
Entered By: OCL Old ID: NOPI-10-18/2B*GAM
Amount: 4.24 g Size: powder Store Loc: Bldg. 51
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-169-GAM7 Reference: 024/299 Log Date: 16-JUN-93
Entered By: OCL Old ID: NOPI-10-18/2B*GAM
Amount: 4.24 g Size: powder Store Loc: Bldg. 51
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-169-WR1 Reference: 024/294 Log Date: 08-JUN-93
Entered By: JMG Old ID: NOPI-10-18/2B*WR
Amount: 68.3022 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-169

Sample Id: NOPI-170 Reference: 042/93 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-18/2C Amount: 116 g Size: Bulk
X: Y: Z:
Description: Limonitic, broken Nopal tuff with black-colored Fe-oxides (gouge
material) in fracture; collected from level +10 vertical wall; Nopal
Formation

Subsample Id: NOPI-170-GAM1 Reference: 024/298 Log Date: 15-JUN-93
Entered By: JMG Old ID: NOPI-10-18/2C*GAM
Amount: 3.65 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-170-WR1 Reference: 024/294 Log Date: 08-JUN-93
Entered By: JMG Old ID: NOPI-10-18/2C*WR1
Amount: 23.7668 g Size: powder Store Loc: Bldg. 57
Description: Powdered protion of bulk rock sample NOPI-170

Subsample Id: NOPI-170-WR2 Reference: 024/294 Log Date: 08-JUN-93
Entered By: JMG Old ID: NOPI-10-18/2C*WR2
Amount: 2.5051 g Size: powder Store Loc: Bldg. 57
Description: Powdered protion of bulk rock sample NOPI-170; consists primarily of
unknown black mineral that lines surfaces and fills vugs and cavities

Sample Id: NOPI-171 Reference: 042/93 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-18/2D Amount: 56.8 g Size: Bulk
X: Y: Z:
Description: Limonitic/hematitic fault gouge material in fracture; collected from
level +10 vertical wall; Nopal Formation

Local Analogs Samples and Subsamples

Sample Id: NOPI-171 Reference: 042/93 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-18/2D Amount: 56.8 g Size: Bulk
X: Y: Z:
Description: Limonitic/hematitic fault gouge material in fracture; collected from level +10 vertical wall; Nopal Formation

Subsample Id: NOPI-171-GAM1 Reference: 024/301 Log Date: 16-JUN-93
Entered By: OCL Old ID: NOPI-10-18/2D-GAM
Amount: 3.96 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-171-WR1 Reference: 024/294 Log Date: 08-JUN-93
Entered By: JMG Old ID: NOPI-10-18/2D-WR
Amount: 38.8308 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-171

Sample Id: NOPI-172 Reference: 042/93 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-18/2E Amount: 104 g Size: Bulk
X: Y: Z:
Description: Black fault gouge material in fracture; collected from level +10 vertical wall; Nopal Formation

Subsample Id: NOPI-172-GAM1 Reference: 024/299 Log Date: 16-JUN-93
Entered By: OCL Old ID: NOPI-10-18/2E*GAM
Amount: 3.98 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-172-WR1 Reference: 024/294 Log Date: 02-JUN-93
Entered By: BWL Old ID: NOPI-10-18/2E*WR
Amount: 20.3894 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-172

Sample Id: NOPI-173 Reference: 042/92 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-25/2A Amount: 441 g Size: Bulk
X: Y: Z:
Description: Red-colored (Fe-oxide rich) plastic clay in vertical fracture; fault gouge material; collected from level +10 vertical wall; Nopal Formation

Subsample Id: NOPI-173-GAM1 Reference: 080/61 Log Date: 06-OCT-93
Entered By: JDP Old ID:
Amount: 4.084 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-173-WR1 Reference: 080/60 Log Date: 05-OCT-93
Entered By: JDP Old ID:
Amount: 10.5 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-173

Sample Id: NOPI-174 Reference: 042/92 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-25/2B Amount: 260 g Size: Bulk
X: Y: Z:
Description: Red- and black-colored material in vertical fracture; fault gouge material; collected from level +10 vertical wall; Nopal Formation

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-174 Reference: 042/92 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-25/2B Amount: 260 g Size: Bulk
X: Y: Z:
Description: Red- and black-colored material in vertical fracture; fault gouge material; collected from level +10 vertical wall; Nopal Formation

Subsample Id: NOPI-174-GAM1 Reference: 080/61 Log Date: 06-OCT-93
Entered By: JDP Old ID:
Amount: 4.856 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-174-WR1 Reference: 080/60 Log Date: 05-OCT-93
Entered By: JDP Old ID:
Amount: 10.17 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of whole rock sample NOPI-174

Sample Id: NOPI-175 Reference: 042/92 Collection Date: 02-SEP-92
Log Date: 09-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-10-25/2C Amount: 436 g Size: Bulk
X: Y: Z:
Description: Nopal tuff adjacent to fracture containing gouge material; collected from level +10 vertical wall; Nopal Formation

Subsample Id: NOPI-175-GAM1 Reference: 080/61 Log Date: 06-OCT-93
Entered By: JDP Old ID:
Amount: 3.524 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-175-WR1 Reference: 080/60 Log Date: 05-OCT-93
Entered By: JDP Old ID:
Amount: 14.1 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of bulk rock sample NOPI-175

Sample Id: NOPI-176 Reference: 042/94 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-20-19/3A Amount: 76.98 g Size: Bulk
X: Y: Z:
Description: Red-colored fault gouge material in fracture; collected from level +20 vertical wall; Nopal Formation

Sample Id: NOPI-177 Reference: 042/94 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-20-19/3B Amount: 391.3 g Size: Bulk
X: Y: Z:
Description: Nopal tuff adjacent to fracture with red-colored fault gouge material; collected from level +20 vertical wall; Nopal Formation

Sample Id: NOPI-178 Reference: 042/94 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-20-20/0 Amount: 371.9 g Size: Bulk
X: Y: Z:
Description: Relatively fresh Nopal tuff; collected from level +20 vertical wall; Nopal Formation

1. Nopal Analogs Samples and Subsamples

Sample Id: NOPI-178 Reference: 042/94 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-20-20/0 Amount: 371.9 g Size: Bulk
X: Y: Z:
Description: Relatively fresh Nopal tuff; collected from level +20 vertical wall;
Nopal Formation

Subsample Id: NOPI-178-GAM1 Reference: 024/302 Log Date: 18-JUN-93
Entered By: OCL Old ID: NOPI-20-20/0*GAM
Amount: 4.735 g Size: powder Store Loc: Bldg. 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-178-WR1 Reference: 024/293 Log Date: 02-JUN-93
Entered By: BWL Old ID: NOPI-20-20/0*WR
Amount: 37.1843 g Size: powder Store Loc: Bldg. 57
Description: Powdered portion of whole rock sample NOPI-178

Sample Id: NOPI-179 Reference: 042/94 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-20-26/1 Amount: 410.5 g Size: Bulk
X: Y: Z:
Description: Calcite veins cutting fresh Nopal tuff; collected from level +20
vertical wall; Nopal Formation

Subsample Id: NOPI-179-GAM1 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-20-26/1-GAM
Amount: 0.1319 g Size: powder Store Loc: Bldg. 57
Description: Portion of 63 micron calcite separate powdered for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-179-SEP1 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-20-26/1-SEP1
Amount: Size: Store Loc: Bldg. 57
Description: Calcite separate; crushed and sieved 250 micron size fraction

Subsample Id: NOPI-179-SEP2 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-20-26/1-SEP2
Amount: Size: Store Loc: Bldg. 57
Description: Calcite separate; crushed and sieved 63 micron size fraction

Subsample Id: NOPI-179-XRD1 Reference: 024/263 Log Date: 31-MAR-93
Entered By: PGH Old ID: NOPI-20-26/1-XRD1
Amount: Size: powder Store Loc: Bldg. 57
Description: 125 micron calcite separate powdered for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-180 Reference: 042/94 Collection Date: 02-SEP-92
Log Date: 14-SEP-92 Entered By: JDP Store Loc: Bldg. 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-20-28/1 Amount: 59.45 g Size: Bulk
X: Y: Z:
Description: Euhedral quartz in vug; collected from level +20 vertical wall; Nopal
Formation

Sample Id: NOPI-181 Reference: 035/49 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-3.2/14.0/1.7 Amount: Size:
X: 3.2 Y: 14 Z: 1.7
Description: Fracture surface and surrounding rock from +13.5 m N fracture
collected at eyelevel in the +0 level adit

Major Analogs Samples and Subsamples

Sample Id: NOPI-181 Reference: 035/49 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-3.2/14.0/1.7 Amount: Size:
X: 3.2 Y: 14 Z: 1.7
Description: Fracture surface and surrounding rock from +13.5 m N fracture
collected at eyelevel in the +0 level adit

Subsample Id: NOPI-181-GAM1 Reference: 024/300 Log Date: 16-JUN-93
Entered By: OCL Old ID: 393-3.2/14.0/1.7-GAM
Amount: 5.81 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-181-WR1 Reference: 024/292 Log Date: 01-JUN-93
Entered By: JMG Old ID: 393-3.2/14.0/1.7-WR
Amount: 15.7332 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-181

Sample Id: NOPI-182 Reference: 035/49 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-5.0/14.2/2.0 Amount: Size:
X: 5 Y: 14.2 Z: 2
Description: 2 blocks of rock which incorporate the fracture surface of the +13.5 m
N fracture collected from the +0 level adit ceiling

Sample Id: NOPI-183 Reference: 035/48 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-5.2/35.7/1.0 Amount: Size:
X: 5.2 Y: 35.7 Z: 1
Description: Crumbly Fe-rich material collected at waist level in the +0 level adit
from fracture striking N10W

Subsample Id: NOPI-183-WR1 Reference: 024/293 Log Date: 01-JUN-93
Entered By: JMG Old ID: 393-5.2/35.7/1.0-WR
Amount: 19.0988 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-183

Sample Id: NOPI-184 Reference: 035/48 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-7.4/36.0/2.0 Amount: Size:
X: 7.4 Y: 36 Z: 2
Description: Fe material from a fracture striking N70E collected from the ceiling
in the +0 level adit

Subsample Id: NOPI-184-GAM1 Reference: 024/299 Log Date: 16-JUN-93
Entered By: OCL Old ID: 393-7.4/36.0/2.0-GAM
Amount: 4.70 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-184-WR1 Reference: 024/293 Log Date: 01-JUN-93
Entered By: JMG Old ID: 393-7.4/36.0/2.0-WR
Amount: 26.6954 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-184

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-185 Reference: 035/48 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-11.2/14.7/1.5 Amount: Size:
X: 11.2 Y: 14.7 Z: 1.5
Description: Fracture-filling material collected from eyelevel in the +0 level
adit. Fracture is part of +13.5m N fracture system on +10m level

Subsample Id: NOPI-185-GAM1 Reference: 024/299 Log Date: 16-JUN-93
Entered By: OCL Old ID: 393-11.2/14.7/1.5-GA
Amount: 4.68 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-185-WR1 Reference: 024/292 Log Date: 31-MAY-93
Entered By: JMG Old ID: 393-11.2/14.7/1.5-WR
Amount: 16.2079 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-185

Sample Id: NOPI-186 Reference: 035/48 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-11.6/30.0/1.7 Amount: Size:
X: 11.6 Y: 30 Z: 1.7
Description: Crumbly, wet, soil-like fracture-filling material collected from
eyelevel along NE wall of +0 level adit

Subsample Id: NOPI-186-GAM1 Reference: 024/300 Log Date: 16-JUN-93
Entered By: OCL Old ID: 393-11.6/30.0/1.7-GA
Amount: 4.54 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-186-WR1 Reference: 024/293 Log Date: 02-JUN-93
Entered By: JMG Old ID: 393-11.6/30.0/1.7-WR
Amount: 16.3731 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-186

Sample Id: NOPI-187 Reference: 035/48 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-12.2/14.5/2.0 Amount: Size:
X: 12.2 Y: 14.5 Z: 2
Description: Fracture material from the +0 level adit ceiling about 5 cm from the
edge of the orebody along the +13.5m N fracture on the +10 level

Subsample Id: NOPI-187-GAM1 Reference: 024/300 Log Date: 16-JUN-93
Entered By: OCL Old ID: 393-12.2/14.5/2.0-GA
Amount: 3.65 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-187-WR1 Reference: 024/292 Log Date: 31-MAY-93
Entered By: JMG Old ID: 393-12.2/14.5/2.0-WR
Amount: 7.8472 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-187

Sample Id: NOPI-188 Reference: 036/92 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-0.30/13.26 Amount: Size:
X: .3 Y: 13.26 Z: 10
Description: Altered tuff collected perpendicular to 13.5m N fracture; south of
vein wall

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-189 Reference: 036/92 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-0.30/13.31 Amount: 10 Size:
X: .3 Y: 13.31 Z: 10
Description: Altered tuff collected perpendicular to 13.5m N fracture; south of vein wall

Sample Id: NOPI-190 Reference: 036/92 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-0.30/13.36 Amount: 10 Size:
X: .3 Y: 13.36 Z: 10
Description: Altered tuff collected perpendicular to 13.5m N fracture; south of vein; includes vein wall and Fe-oxide vein material

Subsample Id: NOPI-190-GAM1 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)0.30/13.36-GAM1
Amount: 2.600 g Size: powder Store Loc: Bldg 57
Description: Slice 1 of bulk rock sample (0.307 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-190-GAM2 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)0.30/13.36-GAM2
Amount: 2.129 g Size: powder Store Loc: Bldg 57
Description: Slice 2 of bulk rock sample (0.561 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-190-GAM3 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)0.30/13.36-GAM3
Amount: 2.645 g Size: powder Store Loc: Bldg 57
Description: Slice 3 of bulk rock sample (0.261 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-190-GAM4 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)0.30/13.36-GAM4
Amount: 1.781 g Size: powder Store Loc: Bldg 57
Description: Slice 4 of bulk rock sample (0.169 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-190-GAM5 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)0.30/13.36-GAM5
Amount: 1.458 g Size: powder Store Loc: Bldg 57
Description: Slice 5 of bulk rock sample (0.183 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-190-GAM6 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)0.30/13.36-GAM6
Amount: 1.611 g Size: powder Store Loc: Bldg 57
Description: Slice 6 of bulk rock sample (0.227 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-190-GAM7 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)0.30/13.36-GAM7
Amount: 1.096 g Size: powder Store Loc: Bldg 57
Description: Slice 7 of bulk rock sample (0.235 cm thick) powdered for gamma analysis (polypropylene vial)

Sample Id: NOPI-191 Reference: 036/93 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-0.30/13.41 Amount: 10 Size:
X: .3 Y: 13.41 Z: 10
Description: Altered tuff collected perpendicular to 13.5m N fracture; north of vein; includes vein wall and Fe-oxide vein material

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-193 Reference: 036/93 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-0.30/13.47 Amount: Size:
X: .3 Y: 13.47 Z: 10
Description: Altered tuff collected perpendicular to 13.5m N fracture; north of vein wall

Subsample Id: NOPI-193-GAM1 Reference: 024/302 Log Date: 18-JUN-93
Entered By: OCL Old ID: (393)0.3/13.47-GAM
Amount: 4.593 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-193-WR1 Reference: 024/296 Log Date: 14-JUN-93
Entered By: BWL Old ID: (393)0.3/13.47-WR
Amount: 23.0635 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-193

Sample Id: NOPI-194 Reference: 036/93 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-0.30/13.50 Amount: Size:
X: .3 Y: 13.5 Z: 10
Description: Altered tuff collected perpendicular to 13.5m N fracture; north of vein wall

Sample Id: NOPI-195 Reference: 036/95 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-5.4)/14.08 Amount: Size:
X: -5.4 Y: 14.08 Z: 10
Description: Altered tuff collected perpendicular to 14.0m N fracture; south of vein wall

Sample Id: NOPI-196 Reference: 036/95 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-5.4)/14.12 Amount: Size:
X: -5.4 Y: 14.12 Z: 10
Description: Altered tuff collected perpendicular to 14.0m N fracture; south of vein wall

Sample Id: NOPI-197 Reference: 036/95 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-5.4)/14.16 Amount: Size:
X: -5.4 Y: 14.16 Z: 10
Description: Altered tuff collected perpendicular to 14.0m N fracture; south of vein wall

Sample Id: NOPI-198 Reference: 036/94 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-5.4)/14.20 Amount: Size:
X: -5.4 Y: 14.2 Z: 10
Description: Altered tuff collected perpendicular to 14.0m N fracture; south of vein wall; includes vein wall

Final Analogs Samples and Subsamples

Sample Id: NOPI-199 Reference: 036/95 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-5.4)/14.22 Amount: Size:
X: -5.4 Y: 14.22 Z: 10
Description: Altered tuff collected perpendicular to 14.0m N fracture; north of vein wall; includes vein wall

Subsample Id: NOPI-199-GAM1 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-5.4/14.22-GAM1
Amount: 3.692 g Size: powder Store Loc: Bldg 57
Description: Slice 1 of bulk rock sample (0.363 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-199-GAM2 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-5.4/14.22-GAM2
Amount: 2.439 g Size: powder Store Loc: Bldg 57
Description: Slice 2 of bulk rock sample (0.173 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-199-GAM3 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-5.4/14.22-GAM3
Amount: 1.881 g Size: powder Store Loc: Bldg 57
Description: Slice 3 of bulk rock sample (0.165 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-199-GAM4 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-5.4/14.22-GAM4
Amount: 1.599 g Size: powder Store Loc: Bldg 57
Description: Slice 4 of bulk rock sample (0.202 cm thick) powdered for gamma analysis (polypropylene vial)

Subsample Id: NOPI-199-GAM5 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-5.4/14.22-GAM5
Amount: 2.01 g Size: powder Store Loc: Bldg 57
Description: Slice 5 of bulk rock sample (0.558 cm thick) powdered for gamma analysis (polypropylene vial)

Sample Id: NOPI-200 Reference: 036/95 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-5.4)/14.25 Amount: Size:
X: -5.4 Y: 14.25 Z: 10
Description: Altered tuff collected perpendicular to 14.0m N fracture; north of vein wall

Subsample Id: NOPI-200-GAM1 Reference: 024/302 Log Date: 18-JUN-93
Entered By: JDP Old ID: (393)-5.4/14.25-GAM1
Amount: 4.682 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-200-WR1 Reference: 024/296 Log Date: 14-JUN-93
Entered By: BWL Old ID: (393)-5.4/14.25-WR
Amount: 29.3472 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-200

Sample Id: NOPI-201 Reference: 036/95 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-5.4)/14.29 Amount: Size:
X: -5.4 Y: 14.29 Z: 10
Description: Altered tuff collected perpendicular to 14.0m N fracture; north of vein wall

Regional Analogs Samples and Subsamples

Sample Id: NOPI-205 Reference: 036/96 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-2.95)/14.05 Amount: Size:
X: -2.95 Y: 14.05 Z: 10
Description: Fe-oxide vein filling from E-W fracture at 13.5m N

Subsample Id: NOPI-205-GAM1 Reference: 024/262 Log Date: 02-APR-93
Entered By: BWL Old ID: 393-(-2.95)/14.05-WR
Amount: 1.0565 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-205-WR1 Reference: 024/262 Log Date: 02-APR-93
Entered By: BWL Old ID: 393-(-2.95)/14.05-WR
Amount: 2.69 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide vein filling material

Subsample Id: NOPI-205-XRD2 Reference: 080/205 Log Date: 20-JUN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of vein filling material that was powdered, prepared, and
analyzed by XRD

Sample Id: NOPI-206 Reference: 036/96 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-3.85)/14.12 Amount: Size:
X: -3.85 Y: 14.12 Z: 10
Description: Fe-oxide vein filling from E-W fracture at 13.5m N

Subsample Id: NOPI-206-GAM1 Reference: 024/262 Log Date: 02-APR-93
Entered By: BWL Old ID: 393-(-3.85)/14.12-WR
Amount: 1.0846 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-206-WR1 Reference: 024/262 Log Date: 02-APR-93
Entered By: BWL Old ID: 393-(-3.85)/14.12-WR
Amount: 1.0846 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide filling material

Sample Id: NOPI-207 Reference: 036/96 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-5.40)/14.21 Amount: Size:
X: -5.4 Y: 14.21 Z: 10
Description: Fe-oxide vein filling from E-W fracture at 13.5m N

Subsample Id: NOPI-207-GAM1 Reference: 024/262 Log Date: 02-APR-93
Entered By: BWL Old ID: 393-(-5.4)/14.21-WR-
Amount: 1.1036 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-207-WR1 Reference: 024/262 Log Date: 02-APR-93
Entered By: BWL Old ID: 393-(-5.4)/14.21-WR
Amount: 2.07 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide vein filling material

Subsample Id: NOPI-207-XRD1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: PGH Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Natural Analogs Samples and Subsamples

Sample Id: NOPI-207 Reference: 036/96 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-5.40)/14.21 Amount: Size:
X: -5.4 Y: 14.21 Z: 10
Description: Fe-oxide vein filling from E-W fracture at 13.5m N

Subsample Id: NOPI-207-XRD2 Reference: 080/205 Log Date: 20-JUN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of vein filling material that was powdered, prepared, and
analyzed by XRD

Sample Id: NOPI-208 Reference: 036/96 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-6.30)/14.32 Amount: Size:
X: -6.3 Y: 14.32 Z: 10
Description: Fe-oxide vein filling from E-W fracture at 13.5m N

Subsample Id: NOPI-208-GAM1 Reference: 024/261 Log Date: 02-APR-93
Entered By: BWL Old ID: 393-(-6.3)/14.32-WR-
Amount: 1.0276 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-208-WR1 Reference: 024/261 Log Date: 02-APR-93
Entered By: BWL Old ID: 393-(-6.3)/14.32-WR
Amount: 2.29 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide vein filling material

Sample Id: NOPI-209 Reference: 036/96 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-7.25)/14.15 Amount: Size:
X: -7.25 Y: 14.15 Z: 10
Description: Fe-oxide vein filling from E-W fracture at 13.5m N

Subsample Id: NOPI-209-GAM1 Reference: 024/261 Log Date: 01-APR-93
Entered By: BWL Old ID: 393-(-7.25)/14.15-WR
Amount: 4.7355 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-209-WR1 Reference: 024/261 Log Date: 01-APR-93
Entered By: BWL Old ID: 393-(-7.25)/14.15-WR
Amount: 5.48 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide vein filling material

Subsample Id: NOPI-209-XRD2 Reference: 080/205 Log Date: 20-JUN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of vein filling material that was prepared and analyzed by XRD

Sample Id: NOPI-210 Reference: 036/97 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-8.10)/14.28 Amount: Size:
X: -8.1 Y: 14.28 Z: 10
Description: Fe-oxide vein filling from E-W fracture at 13.5m N

Normal Analogs Samples and Subsamples

Sample Id: NOPI-210 Reference: 036/97 Collection Date: 24-MAR-93
 Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 393-(-8.10)/14.28 Amount: Size:
 X: -8.1 Y: 14.28 Z: 10
 Description: Fe-oxide vein filling from E-W fracture at 13.5m N

Subsample Id: NOPI-210-GAM1 Reference: 024/260 Log Date: 31-MAR-93
 Entered By: BWL Old ID: 393-(-8.10)/14.28-WR
 Amount: 1.1839 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-210-WR1 Reference: 024/260 Log Date: 31-MAR-93
 Entered By: BWL Old ID: 393-(-8.10)/14.28-WR
 Amount: 2.10 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of Fe-oxide vein filling material

Subsample Id: NOPI-210-XRD2 Reference: 080/115 Log Date: 23-FEB-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Fe-oxide rich fracture fill material that was handpicked and powdered
 for x-ray diffraction (XRD) analysis

Sample Id: NOPI-211 Reference: 036/97 Collection Date: 24-MAR-93
 Log Date: 26-MAR-93 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 393-(-8.95)/14.60 Amount: Size:
 X: -8.95 Y: 14.6 Z: 10
 Description: Fe-oxide vein filling from E-W fracture at 13.5m N

Subsample Id: NOPI-211-GAM1 Reference: 024/260 Log Date: 31-MAR-93
 Entered By: BWL Old ID: 393-(-8.95)/14.6-WR-
 Amount: 4.4964 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-211-WR1 Reference: 024/260 Log Date: 31-MAR-93
 Entered By: BWL Old ID: 393-(-8.95)/14.6-WR
 Amount: 10.02 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of Fe-oxide vein filling material

Subsample Id: NOPI-211-XRD1 Reference: 080/49 Log Date: 26-AUG-93
 Entered By: PGH Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
 analysis

Subsample Id: NOPI-211-XRD2 Reference: 080/115 Log Date: 23-FEB-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Handpicked and powdered Fe-rich fracture fill material + a portion of
 NOPI-211-GAM1 (about 50/50) for x-ray diffraction (XRD) analysis

Sample Id: NOPI-212 Reference: 042/95 Collection Date: 23-MAR-93
 Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 393-10.7/26.5 Amount: Size:
 X: 10.7 Y: 26.5 Z: 10
 Description: Hematitic tuff collected from north anomaly on level +10

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-212 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-10.7/26.5 Amount: Size:
X: 10.7 Y: 26.5 Z: 10
Description: Hematitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-212-GAM1 Reference: 080/225 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.754 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared for gamma analysis
(polypropylene vial).

Subsample Id: NOPI-212-WR1 Reference: 080/218 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 30.8 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Sample Id: NOPI-213 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-11.2/26.6 Amount: Size:
X: 11.2 Y: 26.6 Z: 10
Description: Limonitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-213-GAM1 Reference: 080/225 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.705 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared for gamma analysis.

Subsample Id: NOPI-213-WR1 Reference: 080/219 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 33.75 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Sample Id: NOPI-214 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-12.0/26.35 Amount: Size:
X: 12 Y: 26.35 Z: 10
Description: Limonitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-214-GAM1 Reference: 080/225 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.885 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared for gamma analysis.

Subsample Id: NOPI-214-WR1 Reference: 080/219 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 41.33 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Sample Id: NOPI-215 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-13.4/26.4 Amount: Size:
X: 13.4 Y: 26.4 Z: 10
Description: Limonitic tuff collected from north anomaly on level +10

Final Analogs Samples and Subsamples

Sample Id: NOPI-215 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-13.4/26.4 Amount: Size:
X: 13.4 Y: 26.4 Z: 10
Description: Limonitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-215-GAM1 Reference: 080/225 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.998 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared for gamma analysis.

Subsample Id: NOPI-215-WR1 Reference: 080/219 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 37.86 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Sample Id: NOPI-216 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-14.5/26.4 Amount: Size:
X: 14.5 Y: 26.4 Z: 10
Description: Limonitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-216-GAM1 Reference: 080/225 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.598 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared for gamma analysis.

Subsample Id: NOPI-216-WR1 Reference: 080/219 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 39.45 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Sample Id: NOPI-217 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-15.4/26.6 Amount: Size:
X: 15.4 Y: 26.6 Z: 10
Description: Limonitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-217-GAM1 Reference: 080/226 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.867 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared for gamma analysis.

Subsample Id: NOPI-217-WR1 Reference: 080/219 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 40.3 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Sample Id: NOPI-218 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-16.5/26.6 Amount: Size:
X: 16.5 Y: 26.6 Z: 10
Description: Hematitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-218-GAM1 Reference: 080/226 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.720 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared for gamma analysis.

Central Analogs Samples and Subsamples

Sample Id: NOPI-218 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-16.5/26.6 Amount: Size:
X: 16.5 Y: 26.6 Z: 10
Description: Hematitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-218-WR1 Reference: 080/219 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 29.25 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Sample Id: NOPI-219 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-17.6/26.7 Amount: Size:
X: 17.6 Y: 26.7 Z: 10
Description: Limonitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-219-GAM1 Reference: 080/226 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.568 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared by gamma analysis.

Subsample Id: NOPI-219-WR1 Reference: 080/220 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 32.9 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Sample Id: NOPI-220 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-18.2/26.5 Amount: Size:
X: 18.2 Y: 26.5 Z: 10
Description: Limonitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-220-GAM1 Reference: 080/226 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.763 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared for gamma analysis.

Subsample Id: NOPI-220-WR1 Reference: 080/220 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 27.2 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Sample Id: NOPI-221 Reference: 042/95 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-19.2/26.5 Amount: Size:
X: 19.2 Y: 26.5 Z: 10
Description: Limonitic tuff collected from north anomaly on level +10

Subsample Id: NOPI-221-GAM1 Reference: 080/226 Log Date: 11-AUG-94
Entered By: JDP Old ID:
Amount: 3.585 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample prepared for gamma analysis.

Subsample Id: NOPI-221-WR1 Reference: 080/220 Log Date: 09-AUG-94
Entered By: JDP Old ID:
Amount: 35.3 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample.

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-222 Reference: 042/97 Collection Date: 23-MAR-93
 Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 393-7.5/33.8 Amount: Size:
 X: 7.5 Y: 33.8 Z: 10
 Description: Calcite/caliche crust

Sample Id: NOPI-223 Reference: 042/101 Collection Date: 23-MAR-93
 Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 393-8.1/43.2 Amount: Size:
 X: 8.1 Y: 43.2 Z: 10
 Description: Fe-oxide fracture-filling material from a fracture that splits away
 from the fracture between 42 and 43m N on +10 level

Subsample Id: NOPI-223-GAM1 Reference: 080/33 Log Date: 11-AUG-93
 Entered By: JDP Old ID: (393)-8.1/43.2-GAM1
 Amount: 3.510 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered Fe-oxide material for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-223-WR1 Reference: 080/32 Log Date: 05-AUG-93
 Entered By: JDP Old ID: (393)-8.1/43.2-WR1
 Amount: 5.988 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of Fe-oxide fracture filling material

Subsample Id: NOPI-223-XRD1 Reference: 080/34 Log Date: 16-AUG-93
 Entered By: JDP Old ID: (393)-8.1/43.2-XRD1
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered Fe-oxide material for x-ray diffraction (XRD)
 analysis

Sample Id: NOPI-224 Reference: 042/98 Collection Date: 23-MAR-93
 Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 393-11.2/42.3 Amount: Size:
 X: 11.2 Y: 42.3 Z: 10
 Description: Fe-oxide fracture-filling material from a fracture between 42 and 43m
 N on +10 level

Subsample Id: NOPI-224-GAM1 Reference: 080/33 Log Date: 11-AUG-93
 Entered By: JDP Old ID: (393)-11.2/42.3-GAM1
 Amount: 4.599 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered Fe-oxide fracture filling material for gamma
 analysis (polypropylene vial)

Subsample Id: NOPI-224-WR1 Reference: 080/32 Log Date: 05-AUG-93
 Entered By: JDP Old ID: (393)-11.2/42.3-WR1
 Amount: 9.853 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of Fe-oxide fracture-filling material

Subsample Id: NOPI-224-XRD1 Reference: 080/34 Log Date: 16-AUG-93
 Entered By: JDP Old ID: (393)-11.2/42.3-XRD1
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered Fe-oxide fracture filling material for x-ray
 diffraction (XRD) analysis

Sample Id: NOPI-225 Reference: 042/98 Collection Date: 23-MAR-93
 Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 393-12.1/42.5 Amount: Size:
 X: 12.1 Y: 42.5 Z: 10
 Description: Fe-oxide fracture-filling material from a fracture between 42 and 43m
 N on +10 level

! ral Analogs Samples and Subsamples

Sample Id: NOPI-225 Reference: 042/98 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-12.1/42.5 Amount: Size:
X: 12.1 Y: 42.5 Z: 10
Description: Fe-oxide fracture-filling material from a fracture between 42 and 43m
N on +10 level

Subsample Id: NOPI-225-GAM1 Reference: 080/33 Log Date: 11-AUG-93
Entered By: JDP Old ID: (393)-12.1/42.5-GAM
Amount: 3.960 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered fracture filling material of gamma analysis
(polypropylene vial)

Subsample Id: NOPI-225-WR1 Reference: 080/32 Log Date: 05-AUG-93
Entered By: JDP Old ID: (393)-12.1/42.5-WR
Amount: 12.864 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide fracture-filling material

Subsample Id: NOPI-225-XRD1 Reference: 080/34 Log Date: 16-AUG-93
Entered By: JDP Old ID: (393)-12.1/42.5-XRD1
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered fracture filling material for x-ray diffraction
(XRD) analysis

Sample Id: NOPI-226 Reference: 042/98 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-13.9/42.4 Amount: Size:
X: 13.9 Y: 42.4 Z: 10
Description: Fe-oxide fracture-filling material from a fracture between 42 and 43m
N on +10 level

Subsample Id: NOPI-226-GAM1 Reference: 080/33 Log Date: 11-AUG-93
Entered By: JDP Old ID: (393)-13.9/42.4-GAM
Amount: 2.337 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered Fe-oxide fracture filling material for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-226-WR1 Reference: 080/32 Log Date: 05-AUG-93
Entered By: JDP Old ID: (393)-13.9/42.4-WR
Amount: 2.836 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide fracture-filling material

Subsample Id: NOPI-226-XRD1 Reference: 080/34 Log Date: 16-AUG-93
Entered By: JDP Old ID: (393)-13.9/42.4-XRD1
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered Fe-oxide fracture filling material for x-ray
diffraction (XRD) analysis

Sample Id: NOPI-227 Reference: 042/98 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-15.0/42.3 Amount: Size:
X: 15 Y: 42.3 Z: 10
Description: Fe-oxide fracture-filling material from a fracture between 42 and 43m
N on +10 level

Subsample Id: NOPI-227-GAM1 Reference: 080/33 Log Date: 11-AUG-93
Entered By: JDP Old ID: (393)-15.0/42.3-GAM
Amount: 3.888 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered Fe-oxide fracture-filling material for gamma
analysis (polypropylene vial)

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-227 Reference: 042/98 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-15.0/42.3 Amount: Size:
X: 15 Y: 42.3 Z: 10
Description: Fe-oxide fracture-filling material from a fracture between 42 and 43m
N on +10 level

Subsample Id: NOPI-227-WR1 Reference: 080/32 Log Date: 05-AUG-93
Entered By: JDP Old ID: (393)-15.0/42.3-WR
Amount: 7.475 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide fracture filling material

Subsample Id: NOPI-227-XRD1 Reference: 080/34 Log Date: 16-AUG-93
Entered By: JDP Old ID: (393)-15.0/42.3-XRD1
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered Fe-oxide fracture-filling material for x-ray
diffraction (XRD) analysis

Sample Id: NOPI-228 Reference: 042/98 Collection Date: 23-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-17.1/42.5 Amount: Size:
X: 17.1 Y: 42.5 Z: 10
Description: Fe-oxide fracture-filling material from a fracture between 42 and 43m
N on +10 level

Subsample Id: NOPI-228-GAM1 Reference: 080/33 Log Date: 11-AUG-93
Entered By: JDP Old ID: (393)-17.1/42.5-GAM
Amount: 4.012 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered Fe-oxide fracture-filling material for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-228-WR1 Reference: 080/32 Log Date: 05-AUG-93
Entered By: JDP Old ID: (393)-17.1/42.5-WR
Amount: 5.337 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide fracture-filling material

Subsample Id: NOPI-228-XRD1 Reference: 080/34 Log Date: 16-AUG-93
Entered By: JDP Old ID: (393)-17.1/42.5-XRD1
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered Fe-oxide fracture-filling material for x-ray
diffraction (XRD) analysis

Sample Id: NOPI-229 Reference: 042/101 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-10-28/5 Amount: Size:
X: Y: Z: 10
Description: Fe-oxide fracture-filling material from a fracture on the vertical
wall of the +10 level; may be same fracture between 42 and 43m N on
+10 level

Subsample Id: NOPI-229-GAM1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: JDP Old ID: 393-10-28/5*GAM1
Amount: 3.719 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-229-WR1 Reference: 080/37 Log Date: 24-AUG-93
Entered By: JDP Old ID: 393-10-28/5*WR
Amount: 6.703 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide fracture filling material

Final Analogs Samples and Subsamples

Sample Id: NOPI-230 Reference: 042/103 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-10-14/6 Amount: Size:
X: Y: Z: 10
Description: Fe-oxide fracture-filling material from a fracture on the vertical
wall of the +10 level

Subsample Id: NOPI-230-GAM1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: JDP Old ID: 393-10-14/6*GAM1
Amount: 3.496 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-230-WR1 Reference: 080/37 Log Date: 24-AUG-93
Entered By: JDP Old ID: 393-10-14/6*WR
Amount: 4.878 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide fracture filling material

Sample Id: NOPI-231 Reference: 042/104 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-10-7/0 Amount: Size:
X: Y: Z: 10
Description: Fe-oxide fracture-filling material from a fracture on the vertical
wall of the +10 level

Subsample Id: NOPI-231-GAM1 Reference: 024/260 Log Date: 26-MAR-93
Entered By: BWL Old ID: 393-10-7/0-WR-GAM
Amount: 4.5588 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-231-WR1 Reference: 024/260 Log Date: 26-MAR-93
Entered By: BWL Old ID: 393-10-7/0-WR
Amount: 14.28 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of Fe-oxide fracture-filling material

Subsample Id: NOPI-231-XRD1 Reference: 024/267 Log Date: 05-APR-93
Entered By: BWL Old ID: 393-10-7/0-XRD1
Amount: <1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: NOPI-232 Reference: 042/104 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-10-25/3 Amount: Size:
X: Y: Z: 10
Description: Fe-oxide fracture-filling material from a fracture on the vertical
wall of the +10 level

Sample Id: NOPI-233 Reference: 042/105 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-5.5/32.7 Amount: Size:
X: 5.5 Y: 32.7 Z: 10
Description: Calcite vein on +10 level; vein trends N-S

Vertical Analogs Samples and Subsamples

Sample Id: NOPI-234 Reference: 042/106 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-26.85/11.3 Amount: Size:
X: 26.85 Y: 11.3 Z: 10
Description: Uranophane-filling fracture from within the orebody on +10 level

Sample Id: NOPI-235 Reference: 042/107 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-10-7/0/S Amount: Size:
X: Y: Z: 10
Description: Country rock adjacent to an Fe-oxide rich fracture on the vertical wall of the +10 level; collected on south side of fracture

Sample Id: NOPI-236 Reference: 042/107 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-10-7/0/N Amount: Size:
X: Y: Z: 10
Description: Country rock adjacent to an Fe-oxide rich fracture on the vertical wall of the +10 level; collected on north side of fracture

Sample Id: NOPI-237 Reference: 042/109 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.78 Amount: Size:
X: -9.6 Y: 14.78 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at between 14 and 15m N

Sample Id: NOPI-238 Reference: 042/109 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.76 Amount: Size:
X: -9.6 Y: 14.76 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at between 14 and 15m N

Sample Id: NOPI-239 Reference: 042/109 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.74 Amount: Size:
X: -9.6 Y: 14.74 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at between 14 and 15m N

Sample Id: NOPI-240 Reference: 042/109 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.72 Amount: Size:
X: -9.6 Y: 14.72 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at between 14 and 15m N

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-241 Reference: 042/109 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.70 Amount: Size:
X: -9.6 Y: 14.7 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at
between 14 and 15m N; includes Fe-oxide vein wall

Subsample Id: NOPI-241-GAM1 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-9.6/14.70-GAM1
Amount: 3.633 g Size: powder Store Loc: Bldg 57
Description: Slice 1 of bulk rock sample (0.835 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-241-GAM2 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-9.6/14.70-GAM2
Amount: 2.011 g Size: powder Store Loc: Bldg 57
Description: Slice 2 of bulk rock sample (0.179 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-241-GAM3 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-9.6/14.70-GAM3
Amount: 2.183 g Size: powder Store Loc: Bldg 57
Description: Slice 3 of bulk rock sample (0.202 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-241-GAM4 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-9.6/14.70-GAM4
Amount: 1.727 g Size: powder Store Loc: Bldg 57
Description: Slice 4 of bulk rock sample (0.204 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-241-GAM5 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-9.6/14.70-GAM5
Amount: 1.487 g Size: powder Store Loc: Bldg 57
Description: Slice 5 of bulk rock sample (0.190 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-241-GAM6 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-9.6/14.70-GAM6
Amount: 1.319 g Size: powder Store Loc: Bldg 57
Description: Slice 6 of bulk rock sample (0.288 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-241-GAM7 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-9.6/14.70-GAM7
Amount: 0.9210 g Size: powder Store Loc: Bldg 57
Description: Slice 7 of bulk rock sample (0.173 cm thick) powdered for gamma
analysis (polypropylene vial)

Subsample Id: NOPI-241-GAM8 Reference: 024/288 Log Date: 27-MAY-93
Entered By: PGH Old ID: (393)-9.6/14.70-GAM8
Amount: 0.9010 g Size: powder Store Loc: Bldg 57
Description: Slice 8 of bulk rock sample (0.387 cm thick) powdered for gamma
analysis (polypropylene vial)

Sample Id: NOPI-242 Reference: 042/108 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.67 Amount: Size:
X: -9.6 Y: 14.67 Z: 10
Description: Fe-oxide fracture-filling material from prominent E-W fracture at
between 14 and 15m N

ral Analogs Samples and Subsamples

Sample Id: NOPI-243 Reference: 042/108 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.65 Amount: Size:
X: -9.6 Y: 14.65 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at
between 14 and 15m N; includes Fe-oxide vein wall

Sample Id: NOPI-244 Reference: 042/108 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.62 Amount: Size:
X: -9.6 Y: 14.62 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at
between 14 and 15m N

Sample Id: NOPI-245 Reference: 042/108 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.60 Amount: Size:
X: -9.6 Y: 14.6 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at
between 14 and 15m N

Sample Id: NOPI-246 Reference: 042/108 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.58 Amount: Size:
X: -9.6 Y: 14.58 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at
between 14 and 15m N

Sample Id: NOPI-247 Reference: 042/108 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 393-(-9.6)/14.56 Amount: Size:
X: -9.6 Y: 14.56 Z: 10
Description: Altered tuff collected perpendicular to the prominent E-W fracture at
between 14 and 15m N

Sample Id: NOPI-248 Reference: 042/111 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: 393-CAL1-T Amount: Size:
X: Y: Z:
Description: Caliche collected on cuesta above the Nopal I deposit; top layer of
the caliche deposit

Sample Id: NOPI-249 Reference: 042/111 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: 393-CAL1-M Amount: Size:
X: Y: Z:
Description: Caliche collected on cuesta above the Nopal I deposit; middle layer of
the caliche deposit

ral Analogs Samples and Subsamples

Sample Id: NOPI-250 Reference: 042/111 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: 393-CAL1-B Amount: Size:
X: Y: Z:
Description: Caliche collected on cuesta above the Nopal I deposit; bottom layer of
the caliche deposit

Sample Id: NOPI-251 Reference: 042/111 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: 393-CAL2-T Amount: Size:
X: Y: Z:
Description: Caliche collected on cuesta above the Nopal I deposit; top layer of
the caliche deposit

Sample Id: NOPI-252 Reference: 042/111 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: 393-CAL2-M Amount: Size:
X: Y: Z:
Description: Caliche collected on cuesta above the Nopal I deposit; middle layer of
the caliche deposit

Sample Id: NOPI-253 Reference: 042/111 Collection Date: 24-MAR-93
Log Date: 26-MAR-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: 393-CAL2-B Amount: Size:
X: Y: Z:
Description: Caliche collected on cuesta above the Nopal I deposit; bottom layer of
the caliche deposit

Sample Id: NOPI-254 Reference: 042/113 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 24.3/2.75/0 Amount: Size:
X: 24.3 Y: 2.75 Z: 0
Description: Light gray altered tuff with uranyl silicates; from sample traverse on
+0 level between 2 and 3m east

Subsample Id: NOPI-254-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.912 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-254-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-254-WR1 Reference: 080/74 Log Date: 05-JAN-94
Entered By: JDP Old ID:
Amount: 14.20 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-254

Subsample Id: NOPI-254-XRD1 Reference: 080/80 Log Date: 07-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-255 Reference: 042/113 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 24.9/2.8/0 Amount: Size:
X: 24.9 Y: 2.8 Z: 0
Description: Reddish brown altered tuff with uranophane; from sample traverse on +0
level between 2 and 3m east

Subsample Id: NOPI-255-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.824 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-255-TS1 Reference: 080/72 Log Date: 03-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-255-WR1 Reference: 080/74 Log Date: 06-JAN-94
Entered By: JDP Old ID:
Amount: 10.23 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-255

Subsample Id: NOPI-255-XRD1 Reference: 080/80 Log Date: 11-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-256 Reference: 042/114 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 25.6/2.7/0 Amount: Size:
X: 25.6 Y: 2.7 Z: 0
Description: Reddish brown altered tuff with uranophane visible in fractures; from
sample traverse on +0 level between 2 and 3m east

Subsample Id: NOPI-256-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.79 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-256-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-256-WR1 Reference: 080/74 Log Date: 06-JAN-94
Entered By: JDP Old ID:
Amount: 12.35 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-256

Subsample Id: NOPI-256-XRD1 Reference: 080/80 Log Date: 11-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

1 ral Analogs Samples and Subsamples

Sample Id: NOPI-257 Reference: 042/114 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 26.4/2.6/0 Amount: Size:
X: 26.4 Y: 2.6 Z: 0
Description: Light gray colored limonitic tuff; from sample traverse on +0 level
between 2 and 3m east

Subsample Id: NOPI-257-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.572 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-257-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-257-WR1 Reference: 080/75 Log Date: 06-JAN-94
Entered By: JDP Old ID:
Amount: 14.93 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-257

Subsample Id: NOPI-257-XRD1 Reference: 080/80 Log Date: 11-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-258 Reference: 042/114 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 27.0/2.6/0 Amount: Size:
X: 27 Y: 2.6 Z: 0
Description: Light gray colored limonitic tuff; from sample traverse on +0 level
between 2 and 3m east

Subsample Id: NOPI-258-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.536 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-258-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-258-WR1 Reference: 080/75 Log Date: 06-JAN-94
Entered By: JDP Old ID:
Amount: 13.58 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-258

Subsample Id: NOPI-258-XRD1 Reference: 080/81 Log Date: 11-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-261 Reference: 042/115 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 28.75/2.7/0 Amount: Size:
X: 28.75 Y: 2.7 Z: 0
Description: Hematitic altered tuff; from sample traverse on +0 level between 2 and
3m east

Subsample Id: NOPI-261-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.761 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-261-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-261-WR1 Reference: 080/76 Log Date: 07-JAN-94
Entered By: JDP Old ID:
Amount: 14.38 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-261

Subsample Id: NOPI-261-XRD1 Reference: 080/81 Log Date: 19-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-262 Reference: 042/115 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 29.25/2.9/0 Amount: Size:
X: 29.25 Y: 2.9 Z: 0
Description: Hematitic altered tuff; from sample traverse on +0 level between 2 and
3m east

Subsample Id: NOPI-262-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.434 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-262-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-262-WR1 Reference: 080/76 Log Date: 07-JAN-94
Entered By: JDP Old ID:
Amount: 15.78 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-262

Subsample Id: NOPI-262-XRD1 Reference: 080/81 Log Date: 19-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-263 Reference: 042/115 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 29.7/2.8/0 Amount: Size:
X: 29.7 Y: 2.8 Z: 0
Description: Altered limonitic tuff; from sample traverse on +0 level between 2 and
3m east

Subsample Id: NOPI-263-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.431 g Size: powder Store Loc: Bldg 57
Description: Portion powdered of whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-263-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-263-WR1 Reference: 080/76 Log Date: 07-JAN-94
Entered By: JDP Old ID:
Amount: 21.21 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-263

Subsample Id: NOPI-263-XRD1 Reference: 080/81 Log Date: 24-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of whole rock powder for x-ray diffraction (XRD) analysis

Sample Id: NOPI-264 Reference: 042/115 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 30.2/2.9/0 Amount: Size:
X: 30.2 Y: 2.9 Z: 0
Description: Very hematitic (Fe-oxide rich) broken altered tuff; from sample
traverse on +0 level between 2 and 3m east

Subsample Id: NOPI-264-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.698 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-264-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-264-WR1 Reference: 080/77 Log Date: 07-JAN-94
Entered By: JDP Old ID:
Amount: 14.65 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-264

Subsample Id: NOPI-264-XRD1 Reference: 080/81 Log Date: 24-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-265 Reference: 042/115 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 30.75/2.95/0 Amount: Size:
X: 30.75 Y: 2.95 Z: 0
Description: Very hematitic (Fe-oxide rich) broken altered tuff; from sample
traverse on +0 level between 2 and 3m east

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-265 Reference: 042/115 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 30.75/2.95/0 Amount: Size:
X: 30.75 Y: 2.95 Z: 0
Description: Very hematitic (Fe-oxide rich) broken altered tuff; from sample
traverse on +0 level between 2 and 3m east

Subsample Id: NOPI-265-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.507 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-265-TS2 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-265-WR1 Reference: 080/77 Log Date: 10-JAN-94
Entered By: JDP Old ID:
Amount: 16.15 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-265

Subsample Id: NOPI-265-XRD1 Reference: 080/81 Log Date: 24-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-266 Reference: 042/115 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 31.25/2.9/0 Amount: Size:
X: 31.25 Y: 2.9 Z: 0
Description: Very hematitic (Fe-oxide rich) broken altered tuff; from sample
traverse on +0 level between 2 and 3m east

Subsample Id: NOPI-266-GAM1 Reference: 080/85 Log Date: 17-JAN-94
Entered By: JDP Old ID:
Amount: 3.619 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-266-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-266-WR1 Reference: 080/77 Log Date: 10-JAN-94
Entered By: JDP Old ID:
Amount: 14.33 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-266

Subsample Id: NOPI-266-XRD1 Reference: 080/81 Log Date: 24-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

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Sample Id: NOPI-267 Reference: 042/116 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 31.8/2.8/0 Amount: Size:
 X: 31.8 Y: 2.8 Z: 0
 Description: Hematitic (Fe-oxide rich) broken altered tuff; from sample traverse on
 +0 level between 2 and 3m east

Subsample Id: NOPI-267-GAM1 Reference: 080/85 Log Date: 17-JAN-94
 Entered By: JDP Old ID:
 Amount: 4.324 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-267-TS1 Reference: 080/72 Log Date: 02-DEC-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-267-WR1 Reference: 080/78 Log Date: 10-JAN-94
 Entered By: JDP Old ID:
 Amount: 14.33 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-267

Subsample Id: NOPI-267-XRD1 Reference: 080/81 Log Date: 24-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
 analysis

Sample Id: NOPI-268 Reference: 042/116 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 32.15/2.8/0 Amount: Size:
 X: 32.15 Y: 2.8 Z: 0
 Description: Hematitic (Fe-oxide rich) broken altered tuff; from sample traverse on
 +0 level between 2 and 3m east

Subsample Id: NOPI-268-FM1 Reference: 080/79 Log Date: 06-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 51
 Description: Fe-oxide rich fracture-filling material separated by handpicking and
 then powdered.

Subsample Id: NOPI-268-FM2 Reference: 080/80 Log Date: 07-JAN-94
 Entered By: JDP Old ID:
 Amount: 4.81 g Size: powder Store Loc: Bldg 51
 Description: Fe-oxide rich fracture-filling material separated by handpicking and
 then powdered; red, black, and yellow material; yellow material may be
 jarosite or piece of altered tuff

Subsample Id: NOPI-268-GAM1 Reference: 080/85 Log Date: 17-JAN-94
 Entered By: JDP Old ID:
 Amount: 4.402 g Size: powder Store Loc: Bldg 51
 Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-268-TS1 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 51
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-268-TS2 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 51
 Description: Polished thin section prepared by Mineral Optics Laboratory

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-268 Reference: 042/116 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 32.15/2.8/0 Amount: 0 Size:
 X: 32.15 Y: 2.8 Z: 0
 Description: Hematitic (Fe-oxide rich) broken altered tuff; from sample traverse on
 +0 level between 2 and 3m east

Subsample Id: NOPI-268-WR1 Reference: 080/78 Log Date: 10-JAN-94
 Entered By: JDP Old ID:
 Amount: 9.91 g Size: powder Store Loc: Bldg 51
 Description: Powdered portion of bulk rock sample NOPI-268

Subsample Id: NOPI-268-XRD1 Reference: 080/81 Log Date: 24-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 51
 Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
 analysis

Subsample Id: NOPI-268-XRD2 Reference: 080/80 Log Date: 07-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 51
 Description: Portion of powdered fracture-filling material (NOPI-268-FM1) for x-ray
 diffraction (XRD) analysis; Al powder added as an internal reference

Subsample Id: NOPI-268-XRD3 Reference: 080/80 Log Date: 07-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 51
 Description: Portion of powdered fracture-filling material (NOPI-268-FM2) for x-ray
 diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-269 Reference: 042/116 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 28.15/-3.15/0 Amount: 0 Size:
 X: 28.15 Y: -3.15 Z: 0
 Description: Hematitic/limonitic broken altered tuff; from NW-SE sample traverse on
 +0 level across an area with slickened sides that may represent a
 bounding fault for the orebody

Subsample Id: NOPI-269-GAM1 Reference: 080/99 Log Date: 01-FEB-94
 Entered By: JDP Old ID:
 Amount: 4.265 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock powder for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-269-TS1 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-269-WR1 Reference: 080/82 Log Date: 11-JAN-94
 Entered By: JDP Old ID:
 Amount: 22.94 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-269

Subsample Id: NOPI-269-XRD1 Reference: 080/95 Log Date: 27-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock powder for x-ray diffraction (XRD)
 analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-270 Reference: 042/116 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 28.7/-3.5/0 Amount: Size:
 X: 28.7 Y: -3.5 Z: 0
 Description: Hematitic tuff; from NW-SE sample traverse on +0 level across an area with slickened sides that may represent a bounding fault for the orebody

Subsample Id: NOPI-270-GAM1 Reference: 080/99 Log Date: 01-FEB-94
 Entered By: JDP Old ID:
 Amount: 3.962 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-270-TS1 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-270-WR1 Reference: 080/82 Log Date: 11-JAN-94
 Entered By: JDP Old ID:
 Amount: 13.86 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-270

Subsample Id: NOPI-270-XRD1 Reference: 080/95 Log Date: 27-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for x-ray diffraction (XRD) analysis

Sample Id: NOPI-271 Reference: 042/117 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 28.9/-4.0/0 Amount: Size:
 X: 28.9 Y: -4 Z: 0
 Description: Broken hematitic tuff, uranium minerals visible, silicified, black areas may be remnant UO2; from NW-SE sample traverse on +0 level across an area with slickened sides that may represent a bounding fault for the orebody

Subsample Id: NOPI-271-GAM1 Reference: 080/99 Log Date: 01-FEB-94
 Entered By: JDP Old ID:
 Amount: 4.308 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-271-TS1 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-271-TS2 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-271-TS3 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-271-TS4 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-271 Reference: 042/117 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 28.9/-4.0/0 Amount: Size:

X: 28.9 Y: -4 Z: 0
 Description: Broken hematitic tuff, uranium minerals visible, silicified, black areas may be remnant UO₂; from NW-SE sample traverse on +0 level across an area with slickened sides that may represent a bounding fault for the orebody

Subsample Id: NOPI-271-TS5 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-271-TS6 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-271-TS7 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-271-TS8 Reference: 080/73 Log Date: 02-DEC-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-271-TS9 Reference: 080/73 Log Date: 02-DEC-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-271-TS10 Reference: 080/73 Log Date: 02-DEC-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-271-WR1 Reference: 080/83 Log Date: 11-JAN-94
 Entered By: JDP Old ID:
 Amount: 16.22 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-271

Subsample Id: NOPI-271-XRD1 Reference: 080/95 Log Date: 27-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for x-ray diffraction (XRD) analysis

Sample Id: NOPI-272 Reference: 042/117 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 29.5/-4.5/0 Amount: Size:

X: 29.5 Y: -4.5 Z: 0
 Description: Broken hematitic/limonitic tuff; from NW-SE sample traverse on +0 level across an area with slickened sides that may represent a bounding fault for the orebody

Subsample Id: NOPI-272-GAM1 Reference: 080/99 Log Date: 01-FEB-94
 Entered By: JDP Old ID:
 Amount: 3.838 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-272 Reference: 042/117 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 29.5/-4.5/0 Amount: Size:
 X: 29.5 Y: -4.5 Z: 0
 Description: Broken hematitic/limonitic tuff; from NW-SE sample traverse on +0 level across an area with slickened sides that may represent a bounding fault for the orebody

Subsample Id: NOPI-272-TS1 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-272-WR1 Reference: 080/83 Log Date: 12-JAN-94
 Entered By: JDP Old ID:
 Amount: 13.41 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-272

Subsample Id: NOPI-272-XRD1 Reference: 080/95 Log Date: 27-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for x-ray diffraction (XRD) analysis

Sample Id: NOPI-273 Reference: 042/117 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 29.9/-5.0/0 Amount: Size:
 X: 29.9 Y: -5 Z: 0
 Description: Broken hematitic/limonitic tuff; from NW-SE sample traverse on +0 level across an area with slickened sides that may represent a bounding fault for the orebody

Subsample Id: NOPI-273-GAM1 Reference: 080/99 Log Date: 01-FEB-94
 Entered By: JDP Old ID:
 Amount: 4.326 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-273-TS1 Reference: 080/66 Log Date: 11-OCT-93
 Entered By: JDP Old ID:
 Amount: Size: Store Loc: Bldg 57
 Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-273-WR1 Reference: 080/83 Log Date: 12-JAN-94
 Entered By: JDP Old ID:
 Amount: 20.48 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample NOPI-273

Subsample Id: NOPI-273-XRD1 Reference: 080/95 Log Date: 27-JAN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for x-ray diffraction (XRD) analysis

Sample Id: NOPI-274 Reference: 042/117 Collection Date: 28-JUL-93
 Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: 30.2/-5.2/0 Amount: Size:
 X: 30.2 Y: -5.2 Z: 0
 Description: Limonitic tuff, slickened sides; from NW-SE sample traverse on +0 level across an area with slickened sides that may represent a bounding fault for the orebody

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-276 Reference: 042/117 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 31.3/-6.4/0 Amount: Size:
X: 31.3 Y: -6.4 Z: 0
Description: Limonitic/hematitic altered tuff; from NW-SE sample traverse on +0
level across an area with slickened sides that may represent a
bounding fault for the orebody

Subsample Id: NOPI-276-GAM1 Reference: 080/99 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.063 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-276-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-276-WR1 Reference: 080/93 Log Date: 26-JAN-94
Entered By: JDP Old ID:
Amount: 21.54 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-276

Subsample Id: NOPI-276-XRD1 Reference: 080/95 Log Date: 27-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-277 Reference: 042/118 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 32.0/-6.9/0 Amount: Size:
X: 32 Y: -6.9 Z: 0
Description: Limonitic/hematitic altered broken tuff; from NW-SE sample traverse on
+0 level across an area with slickened sides that may represent a
bounding fault for the orebody

Subsample Id: NOPI-277-GAM1 Reference: 080/99 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 3.919 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-277-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-277-WR1 Reference: 080/93 Log Date: 26-JAN-94
Entered By: JDP Old ID:
Amount: 21.51 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-277

Subsample Id: NOPI-277-XRD1 Reference: 080/102 Log Date: 09-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-278 Reference: 042/118 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 32.5/-7.5/0 Amount: Size:
X: 32.5 Y: -7.5 Z: 0
Description: Limonitic altered broken tuff; from NW-SE sample traverse on +0 level
across an area with slickened sides that may represent a bounding
fault for the orebody

Subsample Id: NOPI-278-GAM1 Reference: 080/99 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 3.900 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-278-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-278-WR1 Reference: 080/93 Log Date: 26-JAN-94
Entered By: JDP Old ID:
Amount: 15.91 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-278

Subsample Id: NOPI-278-XRD1 Reference: 080/102 Log Date: 09-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-279 Reference: 042/118 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 33.3/-8.0/0 Amount: Size:
X: 33.3 Y: -8 Z: 0
Description: Fe-oxide rich altered broken tuff; from NW-SE sample traverse on +0
level across an area with slickened sides that may represent a
bounding fault for the orebody

Subsample Id: NOPI-279-GAM1 Reference: 080/99 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.290 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-279-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-279-TS2 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-279-WR1 Reference: 080/94 Log Date: 27-JAN-94
Entered By: JDP Old ID:
Amount: 22.90 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-279

Subsample Id: NOPI-279-XRD1 Reference: 080/102 Log Date: 09-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

ral Analogs Samples and Subsamples

Sample Id: NOPI-280 Reference: 042/118 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 21.9/-5.8/0 Amount: Size:
X: 21.9 Y: -5.8 Z: 0
Description: Fe-oxide rich tuff with uranium silicates and opal in fractures;
collected on +0 level

Subsample Id: NOPI-280-GAM1 Reference: 080/99 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.156 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-280-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-280-WR1 Reference: 080/94 Log Date: 27-JAN-94
Entered By: JDP Old ID:
Amount: 10.04 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-280

Subsample Id: NOPI-280-XRD1 Reference: 080/102 Log Date: 09-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-281 Reference: 042/119 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 21.6/-6.6/0 Amount: Size:
X: 21.6 Y: -6.6 Z: 0
Description: Fe-oxide rich tuff with uranium silicates and opal lining fractures;
collected on +0 level

Subsample Id: NOPI-281-GAM1 Reference: 080/99 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.486 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-281-WR1 Reference: 080/94 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 17.76 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-281

Subsample Id: NOPI-281-XRD1 Reference: 080/102 Log Date: 09-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-282 Reference: 042/119 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 22.0/-7.0/0 Amount: Size:
X: 22 Y: -7 Z: 0
Description: Fe-oxide rich tuff with uranium silicates, opal, and black crystalline
Fe-oxides lining fractures; collected on +0 level

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-282 Reference: 042/119 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 22.0/-7.0/0 Amount: Size:
X: 22 Y: -7 Z: 0
Description: Fe-oxide rich tuff with uranium silicates, opal, and black crystalline
Fe-oxides lining fractures; collected on +0 level

Subsample Id: NOPI-282-GAM1 Reference: 080/99 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.460 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-282-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-282-WR1 Reference: 080/94 Log Date: 27-JAN-94
Entered By: JDP Old ID:
Amount: 14.73 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-282

Subsample Id: NOPI-282-XRD1 Reference: 080/102 Log Date: 09-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-283 Reference: 042/119 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 22.5/-8.0/0 Amount: Size:
X: 22.5 Y: -8 Z: 0
Description: Fe-oxide rich tuff with uranium silicates and opal lining fractures;
collected on +0 level

Subsample Id: NOPI-283-GAM1 Reference: 080/99 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.542 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-283-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-283-WR1 Reference: 080/96 Log Date: 27-JAN-94
Entered By: JDP Old ID:
Amount: 14.75 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-283

Subsample Id: NOPI-283-XRD1 Reference: 080/102 Log Date: 09-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-284 Reference: 042/119 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 23.1/-8.2/0 Amount: 0 Size:
X: 23.1 Y: -8.2 Z: 0
Description: Fe-oxide rich tuff with uranium silicates and opal lining fractures;
collected on +0 level

Subsample Id: NOPI-284-GAM1 Reference: 080/100 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.210 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-284-WR1 Reference: 080/96 Log Date: 27-JAN-94
Entered By: JDP Old ID:
Amount: 19.21 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-284

Subsample Id: NOPI-284-XRD1 Reference: 080/102 Log Date: 09-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-285 Reference: 042/120 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 23.7/-1.8/0 Amount: 0 Size:
X: 23.7 Y: -1.8 Z: 0
Description: Broken altered tuff with abundant uranium silicates; collected on +0
level

Subsample Id: NOPI-285-GAM1 Reference: 080/100 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.199 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-285-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-285-TS2 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-285-WR1 Reference: 080/96 Log Date: 28-JAN-94
Entered By: JDP Old ID:
Amount: 12.38 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-285

Subsample Id: NOPI-285-XRD1 Reference: 080/102 Log Date: 09-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-286 Reference: 042/120 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 24.2/-0.6/0 Amount: 0 Size:
X: 24.2 Y: -.6 Z: 0
Description: Broken altered tuff with uranium silicates; collected on +0 level

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-286 Reference: 042/120 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 24.2/-0.6/0 Amount: Size:
X: 24.2 Y: -.6 Z: 0
Description: Broken altered tuff with uranium silicates; collected on +0 level

Subsample Id: NOPI-286-GAM1 Reference: 080/100 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.172 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-286-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-286-WR1 Reference: 080/96 Log Date: 28-JAN-94
Entered By: JDP Old ID:
Amount: 23.46 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-286

Subsample Id: NOPI-286-XRD1 Reference: 080/103 Log Date: 15-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-287 Reference: 042/120 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 31.55/4.65/0 Amount: Size:
X: 31.55 Y: 4.65 Z: 0
Description: Fe-oxide rich altered tuff, very broken; collected on +0 level

Subsample Id: NOPI-287-GAM1 Reference: 080/100 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.111 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-287-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-287-WR1 Reference: 080/97 Log Date: 28-JAN-94
Entered By: JDP Old ID:
Amount: 21.49 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-287

Subsample Id: NOPI-287-XRD1 Reference: 080/103 Log Date: 15-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-288 Reference: 042/120 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 31.5/4.9/0 Amount: Size:
X: 31.5 Y: 4.9 Z: 0
Description: Fe-oxide rich altered tuff, very broken; collected on +0 level

Internal Analogs Samples and Subsamples

Sample Id: NOPI-288 Reference: 042/120 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 31.5/4.9/0 Amount: Size:
X: 31.5 Y: 4.9 Z: 0
Description: Fe-oxide rich altered tuff, very broken; collected on +0 level

Subsample Id: NOPI-288-GAM1 Reference: 080/100 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.333 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-288-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-288-TS2 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-288-WR1 Reference: 080/97 Log Date: 31-JAN-94
Entered By: JDP Old ID:
Amount: 22.11 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-288

Subsample Id: NOPI-288-XRD1 Reference: 080/103 Log Date: 15-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-289 Reference: 042/120 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 31.35/5.2/0 Amount: Size:
X: 31.35 Y: 5.2 Z: 0
Description: Kaolinitized tuff; collected on +0 level

Subsample Id: NOPI-289-GAM1 Reference: 080/100 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 3.505 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-289-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-289-WR1 Reference: 080/97 Log Date: 31-JAN-94
Entered By: JDP Old ID:
Amount: 18.10 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-289

Subsample Id: NOPI-289-XRD1 Reference: 080/103 Log Date: 15-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-290 Reference: 042/120 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 31.55/5.4/0 Amount: Size:
X: 31.55 Y: 5.4 Z: 0
Description: Kaolinitized tuff; collected on +0 level

Subsample Id: NOPI-290-GAM1 Reference: 080/100 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 3.602 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-290-TS1 Reference: 080/72 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-290-WR1 Reference: 080/97 Log Date: 31-JAN-94
Entered By: JDP Old ID:
Amount: 15.1 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-290

Subsample Id: NOPI-290-XRD1 Reference: 080/103 Log Date: 15-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-291 Reference: 042/121 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 9/0.4/1.1/0 Amount: Size:
X: Y: Z:
Description: Broken altered tuff with uranium minerals; collected from vertical
wall on +0 level

Subsample Id: NOPI-291-GAM1 Reference: 080/100 Log Date: 01-FEB-94
Entered By: JDP Old ID:
Amount: 4.939 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-291-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-291-WR1 Reference: 080/98 Log Date: 31-JAN-94
Entered By: JDP Old ID:
Amount: 20.74 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-291

Subsample Id: NOPI-291-XRD1 Reference: 080/103 Log Date: 15-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Sample Id: NOPI-292 Reference: 042/121 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 9//0.7/2.3/0 Amount: Size:
X: Y: Z:
Description: Broken altered tuff with yellow uranium minerals lining fractures;
collected from vertical wall on +0 level

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-295 Reference: 035/51 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 793-(-11.07)/14.75 Amount: Size:
X: -11.07 Y: 14.75 Z: 10
Description: Fracture-fill material and wall rock; collected on +10 level from
prominant E-W Fe-oxide rich fracture at 13.5 m N

Subsample Id: NOPI-295-WR1 Reference: 080/39 Log Date: 24-AUG-93
Entered By: JDP Old ID:
Amount: 4.828 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of fracture fill material

Subsample Id: NOPI-295-XRD2 Reference: 080/114 Log Date: 22-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Fe-rich fracture fill material that was handpicked from sample and
powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-296 Reference: 035/51 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 793-(-11.23)/14.91 Amount: Size:
X: -11.23 Y: 14.91 Z: 10
Description: Fracture-fill material and wall rock; collected on +10 level from
prominant E-W Fe-oxide rich fracture at 13.5 m N

Subsample Id: NOPI-296-GAM1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: JDP Old ID:
Amount: 5.509 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered fracture fill material for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-296-WR1 Reference: 080/39 Log Date: 24-AUG-93
Entered By: JDP Old ID:
Amount: 8.5 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of fracture fill material

Subsample Id: NOPI-296-XRD1 Reference: 080/86 Log Date: 19-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered fracure-fill material for x-ray diffraction (XRD)
analysis

Subsample Id: NOPI-296-XRD2 Reference: 080/114 Log Date: 22-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Fe-rich fracture filling material that was handpicked and powdered for
x-ray diffraction (XRD) analysis

Sample Id: NOPI-297 Reference: 035/51 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 793-(-11.81)/14.95 Amount: Size:
X: -11.81 Y: 14.95 Z: 10
Description: Fracture-fill material and wall rock; collected on +10 level from
prominant E-W Fe-oxide rich fracture at 13.5 m N

Subsample Id: NOPI-297-GAM1 Reference: 080/50 Log Date: 27-AUG-93
Entered By: JDP Old ID:
Amount: 4.134 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered fracture fill material for gamma analysis
(polypropylene vial)

1. Mineral Analogs Samples and Subsamples

Sample Id: NOPI-301 Reference: 035/52 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 793-6.1/14.0 Amount: Size:
X: 6.1 Y: 14 Z: 10
Description: Fracture-fill material; collected on +10 level from prominent E-W Fe-oxide rich fracture at 13.5 m N

Subsample Id: NOPI-301-SEP3 Reference: 080/89 Log Date: 24-JAN-94
Entered By: JDP Old ID:
Amount: Size: pieces Store Loc: Bldg 57
Description: Mineral separate of black to dark red Fe-oxides growing into open space. Flaky texture, botryoidal in some areas. Orange material occurs on surface in some areas

Subsample Id: NOPI-301-SEP4 Reference: 080/89 Log Date: 24-JAN-94
Entered By: JDP Old ID:
Amount: Size: pieces Store Loc: Bldg 57
Description: Mineral separate of black Fe-oxides growing into open void; flaky, porous texture.

Subsample Id: NOPI-301-TS1 Reference: 080/66 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: NOPI-301-WR1 Reference: 080/38 Log Date: 24-AUG-93
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered portion of fracture fill material

Subsample Id: NOPI-301-XRD2 Reference: 080/86 Log Date: 14-JAN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Fracture-filling iron oxide material separated from bulk rock and powdered for x-ray diffraction (XRD) analysis; Al powder added as an internal reference

Sample Id: NOPI-302 Reference: 035/52 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 793-8.4/13.8 Amount: Size:
X: 8.4 Y: 13.8 Z: 10
Description: Fracture-fill material; collected on +10 level from prominent E-W Fe-oxide rich fracture at 13.5 m N

Subsample Id: NOPI-302-GAM1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: JDP Old ID:
Amount: 4.448 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered fracture fill material for gamma analysis (polypropylene vial)

Subsample Id: NOPI-302-WR1 Reference: 080/38 Log Date: 24-AUG-93
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered portion of fracture fill material

Subsample Id: NOPI-302-XRD2 Reference: 080/114 Log Date: 22-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Fe-rich fracture filling material that was handpicked and powdered for x-ray diffraction (XRD) analysis

Cal Analogs Samples and Subsamples

Sample Id: NOPI-303 Reference: 035/52 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 793-10.0/13.5 Amount: Size:
X: 10 Y: 13.5 Z: 10
Description: Fracture-fill material; collected on +10 level from prominent E-W Fe-oxide rich fracture at 13.5 m N

Subsample Id: NOPI-303-GAM1 Reference: 080/49 Log Date: 26-AUG-93
Entered By: JDP Old ID:
Amount: 4.427 g Size: powder Store Loc: Bldg 51
Description: Portion of powdered fracture fill material for gamma analysis (polypropylene vial)

Subsample Id: NOPI-303-WR1 Reference: 080/37 Log Date: 24-AUG-93
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered portion of fracture fill material

Subsample Id: NOPI-303-XRD2 Reference: 080/114 Log Date: 22-FEB-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 51
Description: Fe-rich fracture filling material that was handpicked and powdered for x-ray diffraction (XRD) analysis

Sample Id: NOPI-304 Reference: 035/52 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 793-CAL1 Amount: Size:
X: Y: Z:
Description: Caliche collected from natural slope separating the +0 to +10 levels

Sample Id: NOPI-305 Reference: 035/52 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 793-CAL2 Amount: Size:
X: Y: Z:
Description: Caliche collected from natural slope separating the +0 to +10 levels

Sample Id: NOPI-306 Reference: 035/52 Collection Date: 28-JUL-93
Log Date: 03-AUG-93 Entered By: BWL Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: 793-CAL3 Amount: Size:
X: Y: Z:
Description: Caliche collected from natural slope separating the +0 to +10 levels

Sample Id: NOPI-307 Reference: 042/138 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 23.8 Y: 25.4 Z: 10
Description: Fe-oxide rich vein-filling material with tuff fragments; N-S traverse of a prominent fracture along NE side of orebody

Subsample Id: NOPI-307-GAM1 Reference: 080/201 Log Date: 10-JUN-94
Entered By: JDP Old ID:
Amount: 3.844 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis

Subsample Id: NOPI-307-WR1 Reference: 080/200 Log Date: 08-JUN-94
Entered By: JDP Old ID:
Amount: 5.5 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-313 Reference: 042/123 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 28.7 Y: -9.7 Z: 0
Description: Very Fe-rich broken altered tuff; from traverse on 0 level that runs
approximately SE from highly fractured tuff to weathered tuff.

Subsample Id: NOPI-313-GAM1 Reference: 080/150 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 4.181 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-313-WR1 Reference: 080/140 Log Date: 21-MAR-94
Entered By: JDP Old ID:
Amount: 23.1 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-313

Sample Id: NOPI-314 Reference: 042/123 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 29.1 Y: -10.2 Z: 0
Description: Very Fe-rich broken altered tuff, bright orange Fe-material is common;
from traverse on 0 level that runs approximately SE from highly
fractured tuff to weathered tuff.

Subsample Id: NOPI-314-GAM1 Reference: 080/150 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 4.324 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-314-WR1 Reference: 080/142 Log Date: 21-MAR-94
Entered By: JDP Old ID:
Amount: 19.5 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-314

Sample Id: NOPI-315 Reference: 042/124 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 29.55 Y: -10.5 Z: 0
Description: Very Fe-rich broken altered tuff; from traverse on 0 level that runs
approximately SE from highly fractured tuff to weathered tuff.

Subsample Id: NOPI-315-GAM1 Reference: 080/150 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 4.258 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-315-WR1 Reference: 080/142 Log Date: 21-MAR-94
Entered By: JDP Old ID:
Amount: 19.9 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-315

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-322 Reference: 042/125 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 32.15 Y: -13.1 Z: 0
Description: Weathered tuff (clay altered), some Fe-oxides present, fairly competent; from traverse on 0 level that runs approximately SE from highly fractured tuff to weathered tuff.

Subsample Id: NOPI-322-375C Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; heated at 375 degrees C for 1 hour

Subsample Id: NOPI-322-550C Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; heated at 550 degrees C for 1 hour

Subsample Id: NOPI-322-AD Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; air dried

Subsample Id: NOPI-322-CM1 Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Portion of bulk rock sample that was hand-crushed and used to prepare clay mounts for XRD analysis.

Subsample Id: NOPI-322-GAM1 Reference: 080/150 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 3.600 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-322-GLY Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; glycol solvation

Subsample Id: NOPI-322-WR1 Reference: 080/143 Log Date: 22-MAR-94
Entered By: JDP Old ID:
Amount: 16.2 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-322

Subsample Id: NOPI-322-XRD1 Reference: 080/156 Log Date: 04-APR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of whole rock powder for x-ray diffraction (XRD) analysis.

Sample Id: NOPI-323 Reference: 042/126 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 32.5 Y: -13.4 Z: 0
Description: Weathered tuff (clay altered), some Fe-oxides present, friable/unconsolidated; from traverse on 0 level that runs approximately SE from highly fractured tuff to weathered tuff.

Subsample Id: NOPI-323-GAM1 Reference: 080/151 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 3.776 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-326 Reference: 042/126 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 33.8 Y: -14.4 Z: 0
Description: Weathered tuff (clay altered), some black Fe/Mn-oxide mineral is abundant, friable/unconsolidated; from traverse on 0 level that runs approximately SE from highly fractured tuff to weathered tuff.

Subsample Id: NOPI-326-GAM1 Reference: 080/151 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 4.254 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-326-WR1 Reference: 080/144 Log Date: 22-MAR-94
Entered By: JDP Old ID:
Amount: 27.8 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-326

Sample Id: NOPI-327 Reference: 042/127 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 34.1 Y: -15 Z: 0
Description: Weathered tuff (clay altered), some black Fe/Mn-oxide mineral is common, friable/unconsolidated; from traverse on 0 level that runs approximately SE from highly fractured tuff to weathered tuff.

Subsample Id: NOPI-327-GAM1 Reference: 080/151 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 3.966 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-327-WR1 Reference: 080/145 Log Date: 23-MAR-94
Entered By: JDP Old ID:
Amount: 25.4 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-327

Sample Id: NOPI-328 Reference: 042/127 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 34.4 Y: -15.4 Z: 0
Description: Weathered tuff (clay altered), some black Fe/Mn-oxide mineral is common, friable/unconsolidated; from traverse on 0 level that runs approximately SE from highly fractured tuff to weathered tuff.

Subsample Id: NOPI-328-375C Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; heated at 375 degrees C for 1 hour

Subsample Id: NOPI-328-550C Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; heated at 550 degrees C for 1 hour

Subsample Id: NOPI-328-AD Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; air dried

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-328 Reference: 042/127 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 34.4 Y: -15.4 Z: 0
Description: Weathered tuff (clay altered), some black Fe/Mn-oxide mineral is common, friable/unconsolidated; from traverse on 0 level that runs approximately SE from highly fractured tuff to weathered tuff.

Subsample Id: NOPI-328-CM1 Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Portion of bulk rock sample that was hand-crushed and used to prepare clay mounts for XRD analysis

Subsample Id: NOPI-328-GAM1 Reference: 080/151 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 3.894 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-328-GLY Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; glycol solvation

Subsample Id: NOPI-328-WR1 Reference: 080/145 Log Date: 23-MAR-94
Entered By: JDP Old ID:
Amount: 27.8 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-328

Subsample Id: NOPI-328-XRD1 Reference: 080/156 Log Date: 04-APR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of whole rock powder for x-ray diffraction (XRD) analysis

Sample Id: NOPI-329 Reference: 042/127 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 34.8 Y: -15.7 Z: 0
Description: Weathered tuff (clay altered), some black Fe/Mn-oxide mineral is common, friable/unconsolidated; from traverse on 0 level that runs approximately SE from highly fractured tuff to weathered tuff.

Subsample Id: NOPI-329-GAM1 Reference: 080/151 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 4.109 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-329-WR1 Reference: 080/145 Log Date: 23-MAR-94
Entered By: JDP Old ID:
Amount: 28.9 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-329

Sample Id: NOPI-330 Reference: 036/134 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 39 Y: -10 Z: 0
Description: White, friable clay, perhaps smectite and/or zeolite; collected from altered vitrophyre outside the level 0 exposure of the Nopal I deposit.

Local Analogs Samples and Subsamples

Sample Id: NOPI-330 Reference: 036/134 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 39 Y: -10 Z: 0
Description: White, friable clay, perhaps smectite and/or zeolite; collected from altered vitrophyre outside the level 0 exposure of the Nopal I deposit.

Subsample Id: NOPI-330-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.268 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-330-WR1 Reference: 080/124 Log Date: 10-MAR-94
Entered By: JDP Old ID:
Amount: 20.6 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-330

Sample Id: NOPI-331 Reference: 036/134 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 39.15 Y: -10.2 Z: 0
Description: Red clay material adjacent to NOPI-330; collected from altered vitrophyre outside the level 0 exposure of the Nopal I deposit.

Subsample Id: NOPI-331-375C Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; heated at 375 degrees C for 1 hour

Subsample Id: NOPI-331-550C Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; heated at 550 degrees C for 1 hour

Subsample Id: NOPI-331-AD Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; air dried

Subsample Id: NOPI-331-CM1 Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Portion of bulk rock sample that was hand-crushed and used to prepare clay mounts for XRD analysis.

Subsample Id: NOPI-331-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.242 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis (polypropylene vial)

Subsample Id: NOPI-331-GLY Reference: 080/153 Log Date: 01-APR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount for XRD analysis; glycol solvation

Subsample Id: NOPI-331-WR1 Reference: 080/123 Log Date: 09-MAR-94
Entered By: JDP Old ID:
Amount: 20.05 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-331

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-331 Reference: 036/134 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 39.15 Y: -10.2 Z: 0
Description: Red clay material adjacent to NOPI-330; collected from altered
vitrophyre outside the level 0 exposure of the Nopal I deposit.

Subsample Id: NOPI-331-XRD1 Reference: 080/156 Log Date: 04-APR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of whole rock powder for x-ray diffraction (XRD) analysis

Sample Id: NOPI-332 Reference: 036/135 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 41.2 Y: -8 Z: 0
Description: White clay material adjacent to a vein set with Fe-oxide, Mn-oxide?
and an unknown yellow mineral opal? uranophane?; collected from
altered vitrophyre outside the level 0 exposure of the Nopal I
deposit.

Subsample Id: NOPI-332-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.109 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-332-WR1 Reference: 080/124 Log Date: 10-MAR-94
Entered By: JDP Old ID:
Amount: 18.0 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-332

Sample Id: NOPI-333 Reference: 036/135 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 41.25 Y: -8 Z: 0
Description: White-tan-gray fracture filling material, contains yellow unknown
mineral on surfaces, fairly competent; collected from altered
vitrophyre outside the level 0 exposure of the Nopal I deposit.

Subsample Id: NOPI-333-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 3.608 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-333-WR1 Reference: 080/126 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 16.8 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-333

Subsample Id: NOPI-333-XRD1 Reference: 080/141 Log Date: 21-MAR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Subsample Id: NOPI-333-XRD2 Reference: 080/129 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Yellow unknown mineral handpicked from bulk sample and powdered for x-
ray diffraction (XRD) analysis.

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-334 Reference: 036/136 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 41 Y: -8 Z: 0
Description: Orange and black material from vein margins (probably Fe/Mn-oxide),
some visible U minerals; collected from altered vitrophyre outside the
level 0 exposure of the Nopal I deposit.

Subsample Id: NOPI-334-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.288 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-334-WR1 Reference: 080/126 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 17.0 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-334

Subsample Id: NOPI-334-XRD1 Reference: 080/209 Log Date: 24-JUN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Black siliceous material handpicked from sample and prepared and
analyzed by XRD

Subsample Id: NOPI-334-XRD2 Reference: 080/209 Log Date: 24-JUN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Orange-colored clay material handpicked from sample and prepared and
analyzed by XRD

Subsample Id: NOPI-334-XRD3 Reference: 080/209 Log Date: 24-JUN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: White clay/calcite material handpicked from sample and prepared and
analyzed by XRD

Sample Id: NOPI-335 Reference: 036/137 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 36.3 Y: -1 Z: 0
Description: Deep red/purple clay altered vitrophyre; collected from altered
vitrophyre outside the level 0 exposure of the Nopal I deposit.

Subsample Id: NOPI-335-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.053 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-335-WR1 Reference: 080/126 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 18.1 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-335

Sample Id: NOPI-336 Reference: 036/137 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 36.8 Y: .7 Z: 0
Description: White clay altered vitrophyre; collected from altered vitrophyre
outside the level 0 exposure of the Nopal I deposit.

Normal Analogs Samples and Subsamples

Sample Id: NOPI-348 Reference: 042/130 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 37.9 Y: 2.8 Z: 0
Description: Red/white clay altered vitrophyre, more consolidated than previous
 samples; continuation of E-W traverse on 0 level between 2 and 3 m
 East begun on 07/93.

Subsample Id: NOPI-348-GAM1 Reference: 080/167 Log Date: 18-APR-94
Entered By: JDP Old ID:
Amount: 3.792 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-348-WR1 Reference: 080/164 Log Date: 18-APR-94
Entered By: JDP Old ID:
Amount: 25.9 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-349 Reference: 042/130 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 38.65 Y: 2.8 Z: 0
Description: Red/white clay altered vitrophyre, fairly consolidated; continuation
 of E-W traverse on 0 level between 2 and 3 m East begun on 07/93.

Subsample Id: NOPI-349-GAM1 Reference: 080/167 Log Date: 18-APR-94
Entered By: JDP Old ID:
Amount: 3.835 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-349-WR1 Reference: 080/165 Log Date: 18-APR-94
Entered By: JDP Old ID:
Amount: 27.2 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-350 Reference: 042/130 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 39.5 Y: 2.8 Z: 0
Description: Red/white clay altered vitrophyre (mostly red), fairly consolidated;
 continuation of E-W traverse on 0 level between 2 and 3 m East begun
 on 07/93.

Subsample Id: NOPI-350-GAM1 Reference: 080/167 Log Date: 18-APR-94
Entered By: JDP Old ID:
Amount: 3.863 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-350-WR1 Reference: 080/165 Log Date: 18-APR-94
Entered By: JDP Old ID:
Amount: 32.0 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Local Analogs Samples and Subsamples

Sample Id: NOPI-355 Reference: 042/131 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 33.8 Y: -8.4 Z: 0
Description: Contact between altered tuff and weathered (clay altered) tuff, clay
is friable (white colored; possibly altered vitrophyre); continuation
of NW/SE traverse on level 0 begun on 07/93

Subsample Id: NOPI-355-GAM1 Reference: 080/182 Log Date: 06-MAY-94
Entered By: JDP Old ID:
Amount: 4.060 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-355-WR1 Reference: 080/180 Log Date: 04-MAY-94
Entered By: JDP Old ID:
Amount: 39.7 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-356 Reference: 042/131 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 34.2 Y: -8.6 Z: 0
Description: Very friable clay, Fe-oxides present, appears to be weathered (clay
altered) tuff; continuation of NW/SE traverse on level 0 begun on 07/
93

Subsample Id: NOPI-356-GAM1 Reference: 080/182 Log Date: 06-MAY-94
Entered By: JDP Old ID:
Amount: 3.934 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-356-WR1 Reference: 080/180 Log Date: 04-MAY-94
Entered By: JDP Old ID:
Amount: 37.7 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-357 Reference: 042/132 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 34.8 Y: -9.1 Z: 0
Description: Very friable white clay; continuation of NW/SE traverse on level 0
begun on 07/93

Subsample Id: NOPI-357-GAM1 Reference: 080/182 Log Date: 06-MAY-94
Entered By: JDP Old ID:
Amount: 3.891 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-357-WR1 Reference: 080/180 Log Date: 04-MAY-94
Entered By: JDP Old ID:
Amount: 35.5 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-358 Reference: 042/132 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 35.2 Y: -9.6 Z: 0
Description: Red/white clay altered vitrophyre, moderately consolidated;
continuation of NW/SE traverse on level 0 begun on 07/93

Subsample Id: NOPI-358-GAM1 Reference: 080/182 Log Date: 06-MAY-94
Entered By: JDP Old ID:
Amount: 4.226 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-358-WR1 Reference: 080/181 Log Date: 04-MAY-94
Entered By: JDP Old ID:
Amount: 34.3 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-359 Reference: 042/132 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 35.8 Y: -10 Z: 0
Description: Mostly red clay altered vitrophyre, moderately consolidated;
continuation of NW/SE traverse on level 0 begun on 07/93

Subsample Id: NOPI-359-GAM1 Reference: 080/182 Log Date: 06-MAY-94
Entered By: JDP Old ID:
Amount: 3.955 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-359-WR1 Reference: 080/181 Log Date: 04-MAY-94
Entered By: JDP Old ID:
Amount: 32.7 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-360 Reference: 042/132 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 36.35 Y: -10.3 Z: 0
Description: Mostly red clay altered vitrophyre, moderately consolidated;
continuation of NW/SE traverse on level 0 begun on 07/93

Subsample Id: NOPI-360-GAM1 Reference: 080/182 Log Date: 06-MAY-94
Entered By: JDP Old ID:
Amount: 3.908 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-360-WR1 Reference: 080/181 Log Date: 04-MAY-94
Entered By: JDP Old ID:
Amount: 32.8 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-361 Reference: 042/132 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 37.2 Y: -10.9 Z: 0
Description: Mostly red clay altered vitrophyre, loosely consolidated; continuation
of NW/SE traverse on level 0 begun on 07/93

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-361 Reference: 042/132 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 37.2 Y: -10.9 Z: 0
Description: Mostly red clay altered vitrophyre, loosely consolidated; continuation
of NW/SE traverse on level 0 begun on 07/93

Subsample Id: NOPI-361-GAM1 Reference: 080/182 Log Date: 06-MAY-94
Entered By: JDP Old ID:
Amount: 3.891 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-361-WR1 Reference: 080/181 Log Date: 04-MAY-94
Entered By: JDP Old ID:
Amount: 30.3 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-362 Reference: 042/133 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 28.9 Y: -4 Z: 0
Description: Uraninite-bearing ore, black and yellow uranium minerals in a
silicified tuff.

Sample Id: NOPI-363 Reference: 036/138 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 39 Y: -6 Z: 0
Description: Orange and black vein selvage, Fe/Mn-oxide, some visible yellow U
minerals; collected from vitrophyre adjacent to Nopal I orebody.

Subsample Id: NOPI-363-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 3.976 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-363-WR1 Reference: 080/124 Log Date: 10-MAR-94
Entered By: JDP Old ID:
Amount: 15.1 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-363

Subsample Id: NOPI-363-XRD1 Reference: 080/209 Log Date: 24-JUN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Black clay material handpicked from sample and prepared and analyzed
by XRD

Sample Id: NOPI-364 Reference: 036/139 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 39 Y: -6 Z: 0
Description: Vein-filling material, very soft and friable, white clay some
intermixed Fe-oxide, some chalcedony; collected from vitrophyre
adjacent to Nopal I orebody.

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-364 Reference: 036/139 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 39 Y: -6 Z: 0
Description: Vein-filling material, very soft and friable, white clay some
intermixed Fe-oxide, some chalcedony; collected from vitrophyre
adjacent to Nopal I orebody.

Subsample Id: NOPI-364-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.128 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-364-WR1 Reference: 080/124 Log Date: 10-MAR-94
Entered By: JDP Old ID:
Amount: 17.6 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-364

Sample Id: NOPI-365 Reference: 036/139 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 39 Y: -6 Z: 0
Description: White clay altered vitrophyre outside vein; collected from vitrophyre
adjacent to Nopal I orebody.

Subsample Id: NOPI-365-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.119 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-365-WR1 Reference: 080/123 Log Date: 10-MAR-94
Entered By: JDP Old ID:
Amount: 14.3 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-365

Sample Id: NOPI-366 Reference: 036/139 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 40 Y: -7 Z: 0
Description: Vein-filling material, very soft and friable, white clay some
intermixed Fe-oxide; collected from vitrophyre adjacent to Nopal I
orebody.

Subsample Id: NOPI-366-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.893 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-366-WR1 Reference: 080/123 Log Date: 10-MAR-94
Entered By: JDP Old ID:
Amount: 14.1 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-366

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-367 Reference: 036/139 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 40 Y: -7 Z: 0
Description: Orange and black vein selvage, Fe/Mn-oxide, some visible yellow U
 mineral; collected from vitrophyre adjacent to Nopal I orebody.

Subsample Id: NOPI-367-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.651 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock powder for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-367-WR1 Reference: 080/123 Log Date: 09-MAR-94
Entered By: JDP Old ID:
Amount: 12.75 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-367

Sample Id: NOPI-368 Reference: 036/140 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 40 Y: -7 Z: 0
Description: White clay altered vitrophyre outside vein; collected from vitrophyre
 adjacent to Nopal I orebody.

Subsample Id: NOPI-368-GAM1 Reference: 080/128 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 4.415 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
 (polypropylene vial)

Subsample Id: NOPI-368-WR1 Reference: 080/119 Log Date: 09-MAR-94
Entered By: JDP Old ID:
Amount: 23.57 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-368.

Sample Id: NOPI-369 Reference: 036/140 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 42.35 Y: -8.5 Z: 0
Description: White clay altered vitrophyre outside vein; collected from vitrophyre
 adjacent to Nopal I orebody.

Subsample Id: NOPI-369-375C Reference: 080/137 Log Date: 16-MAR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount that was heated to 375C for 1 hour for x-ray diffraction
 (XRD) analysis; this sample was not saved

Subsample Id: NOPI-369-550C Reference: 080/137 Log Date: 16-MAR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount that was heated to 550C for 1 hour for x-ray diffraction
 (XRD) analysis; this sample was not saved

Subsample Id: NOPI-369-AD Reference: 080/137 Log Date: 16-MAR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount that was air dried for x-ray diffraction (XRD) analysis;
 this sample was not saved

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-371 Reference: 036/141 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 42.5 Y: -9.5 Z: 0
Description: Vein-filling, minor U minerals visible; collected from vitrophyre
adjacent to Nopal I orebody.

Subsample Id: NOPI-371-375C Reference: 080/137 Log Date: 16-MAR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount (heated to 375C for 1 hour) for x-ray diffraction (XRD)
analysis; sample was not saved

Subsample Id: NOPI-371-550C Reference: 080/137 Log Date: 16-MAR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount (heated to 550C for 1 hour) for x-ray diffraction (XRD)
analysis; sample was not saved

Subsample Id: NOPI-371-AD Reference: 080/137 Log Date: 16-MAR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount (air-dried) for x-ray diffraction (XRD) analysis; sample
was not saved

Subsample Id: NOPI-371-CM1 Reference: 080/137 Log Date: 16-MAR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Portion of bulk rock sample that was hand-crushed and used to prepare
clay mounts for x-ray diffraction (XRD)

Subsample Id: NOPI-371-GAM1 Reference: 080/129 Log Date: 11-MAR-94
Entered By: JDP Old ID:
Amount: 3.884 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-371-GLY Reference: 080/137 Log Date: 16-MAR-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Clay mount (ethylene glycolation) for x-ray diffraction (XRD)
analysis; sample was not saved

Subsample Id: NOPI-371-WR1 Reference: 080/119 Log Date: 08-MAR-94
Entered By: JDP Old ID:
Amount: 18.82 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk vein-filling material

Subsample Id: NOPI-371-XRD1 Reference: 080/122 Log Date: 09-MAR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction (XRD)
analysis

Subsample Id: NOPI-371-XRD2 Reference: 080/141 Log Date: 21-MAR-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Transparent unknown mineral handpicked from fracture surfaces of bulk
rock fragments and powdered for x-ray diffraction (XRD); Al powder
added as an internal reference

Normal Analogs Samples and Subsamples

Sample Id: NOPI-378 Reference: 042/134 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 18.45 Y: 14 Z: 10
Description: Broden, altered, tuff, Fe-oxide (limonite) and kaolinte rich;
collected along N/S traverse on +10 level across boundary of orebody.

Subsample Id: NOPI-378-GAM1 Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 3.750 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-378-WR1 Reference: 080/183 Log Date: 06-MAY-94
Entered By: JDP Old ID:
Amount: 38.7 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-379 Reference: 042/134 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 18.65 Y: 14.05 Z: 10
Description: Broken, altered, kaolinitized tuff from covered area; collected along
N/S traverse on +10 level across boundary of orebody.

Subsample Id: NOPI-379-GAM1 Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 3.824 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-379-WR1 Reference: 080/160 Log Date: 12-APR-94
Entered By: JDP Old ID:
Amount: 32.8 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-380 Reference: 042/135 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 18.9 Y: 14 Z: 10
Description: Broken, altered, kaolinitized tuff from covered area; collected along
N/S traverse on +10 level across boundary of orebody.

Subsample Id: NOPI-380-GAM1 Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 3.551 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-380-WR1 Reference: 080/183 Log Date: 06-MAY-94
Entered By: JDP Old ID:
Amount: 32.2 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-381 Reference: 042/135 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 19.2 Y: 14.1 Z: 10
Description: Broken, altered, kaolinitized tuff, Fe-oxide rich; collected along N/S
traverse on +10 level across boundary of orebody.

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-381 Reference: 042/135 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 19.2 Y: 14.1 Z: 10
Description: Broken, altered, kaolinitized tuff, Fe-oxide rich; collected along N/S
traverse on +10 level across boundary of orebody.

Subsample Id: NOPI-381-GAM1 Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 4.037 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-381-WR1 Reference: 080/183 Log Date: 09-MAY-94
Entered By: JDP Old ID:
Amount: 41.3 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-382 Reference: 042/135 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 19.5 Y: 13.95 Z: 10
Description: Broken, altered, kaolinitized tuff, Fe-oxide rich; collected along N/S
traverse on +10 level across boundary of orebody.

Subsample Id: NOPI-382-GAM Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 4.007 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-382-GAM1 Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 4.007 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-382-WR1 Reference: 080/160 Log Date: 12-APR-94
Entered By: JDP Old ID:
Amount: 33.3 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-383 Reference: 042/135 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 19.65 Y: 13.95 Z: 10
Description: Broken, altered, kaolinitized tuff, Fe-oxide rich; collected along N/S
traverse on +10 level across boundary of orebody.

Subsample Id: NOPI-383-GAM1 Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 3.887 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-383-WR1 Reference: 080/183 Log Date: 09-MAY-94
Entered By: JDP Old ID:
Amount: 32.7 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-387 Reference: 042/136 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 20.45 Y: 13.95 Z: 10
Description: Broken, altered, kaolinitized tuff, Fe-oxide rich; collected along N/S
traverse on +10 level across boundary of orebody.

Subsample Id: NOPI-387-GAM1 Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 3.807 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-387-WR1 Reference: 080/160 Log Date: 12-APR-94
Entered By: JDP Old ID:
Amount: 29.7 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-388 Reference: 042/136 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 20.75 Y: 13.9 Z: 10
Description: Broken, altered, kaolinitized tuff, Fe-oxide rich; collected along N/S
traverse on +10 level across boundary of orebody.

Subsample Id: NOPI-388-GAM Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 3.651 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-388-GAM1 Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 3.651 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-388-WR1 Reference: 080/184 Log Date: 09-MAY-94
Entered By: JDP Old ID:
Amount: 35.1 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-389 Reference: 042/136 Collection Date: 02-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 20.95 Y: 13.9 Z: 10
Description: Broken, altered, kaolinitized tuff, Fe-oxide (hematite) rich;
collected along N/S traverse on +10 level across boundary of orebody.

Subsample Id: NOPI-389-GAM1 Reference: 080/193 Log Date: 26-MAY-94
Entered By: JDP Old ID:
Amount: 3.864 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-389-WR1 Reference: 080/184 Log Date: 09-MAY-94
Entered By: JDP Old ID:
Amount: 33.7 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-393 Reference: 036/144 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 9.95 Y: 13 Z: 10
Description: Hematitic/limonitic, kaolintized tuff; extension of perpendicular
samples taken at 9.95 m E along prominent E/W fracture at 13 m N

Subsample Id: NOPI-393-GAM1 Reference: 080/118 Log Date: 08-MAR-94
Entered By: JDP Old ID:
Amount: 4.167 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-393-WR1 Reference: 080/117 Log Date: 08-MAR-94
Entered By: JDP Old ID:
Amount: 23.18 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-393

Sample Id: NOPI-394 Reference: 036/144 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 9.95 Y: 13.8 Z: 10
Description: Hematitic/limonitic, kaolintized tuff; extension of perpendicular
samples taken at 9.95 m E along prominent E/W fracture at 13 m N

Subsample Id: NOPI-394-GAM1 Reference: 080/118 Log Date: 08-MAR-94
Entered By: JDP Old ID:
Amount: 3.901 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-394-WR1 Reference: 080/117 Log Date: 08-MAR-94
Entered By: JDP Old ID:
Amount: 14.73 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-394

Sample Id: NOPI-395 Reference: 036/144 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 9.95 Y: 14 Z: 10
Description: Hematitic/limonitic, kaolintized tuff; extension of perpendicular
samples taken at 9.95 m E along prominent E/W fracture at 13 m N

Subsample Id: NOPI-395-GAM1 Reference: 080/118 Log Date: 08-MAR-94
Entered By: JDP Old ID:
Amount: 4.318 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis
(polypropylene vial)

Subsample Id: NOPI-395-WR1 Reference: 080/118 Log Date: 08-MAR-94
Entered By: JDP Old ID:
Amount: 20.09 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample NOPI-395

Sample Id: NOPI-397 Reference: 042/138 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 25.7 Y: 24.5 Z: 10
Description: Fe-oxide rich vein-filling material, most is coating on host tuff
fragments; N-S traverse of a prominent fracture along NE side of
orebody

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-403 Reference: 042/139 Collection Date: 03-MAR-94
 Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: Amount: Size: bulk
 X: 33.9 Y: 21.2 Z: 10
 Description: Fe-oxide fracture fill material; N-S traverse of a prominent fracture
 along NE side of orebody

Subsample Id: NOPI-403-GAM1 Reference: 080/201 Log Date: 10-JUN-94
 Entered By: JDP Old ID:
 Amount: 3.676 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis

Subsample Id: NOPI-403-WR1 Reference: 080/199 Log Date: 06-JUN-94
 Entered By: JDP Old ID:
 Amount: 8.8 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample

Subsample Id: NOPI-403-XRD1 Reference: 080/203 Log Date: 13-JUN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample that was prepared and analyzed
 by XRD

Sample Id: NOPI-404 Reference: 042/139 Collection Date: 03-MAR-94
 Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: Amount: Size: bulk
 X: 35.4 Y: 20.5 Z: 10
 Description: Fe-oxide fracture fill material; N-S traverse of a prominent fracture
 along NE side of orebody

Subsample Id: NOPI-404-GAM1 Reference: 080/201 Log Date: 10-JUN-94
 Entered By: JDP Old ID:
 Amount: 3.599 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis

Subsample Id: NOPI-404-WR1 Reference: 080/199 Log Date: 06-JUN-94
 Entered By: JDP Old ID:
 Amount: 16.2 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample

Subsample Id: NOPI-404-XRD1 Reference: 080/204 Log Date: 20-JUN-94
 Entered By: JDP Old ID:
 Amount: Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample that was prepared and analyzed
 by XRD

Sample Id: NOPI-405 Reference: 042/140 Collection Date: 03-MAR-94
 Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
 Old ID: Amount: Size: bulk
 X: 36.4 Y: 20.1 Z: 10
 Description: Fe-oxide fracture fill material, some tuff fragments; N-S traverse of
 a prominent fracture along NE side of orebody

Subsample Id: NOPI-405-GAM1 Reference: 080/201 Log Date: 10-JUN-94
 Entered By: JDP Old ID:
 Amount: 3.826 g Size: powder Store Loc: Bldg 57
 Description: Portion of powdered whole rock sample for gamma analysis

Subsample Id: NOPI-405-WR1 Reference: 080/198 Log Date: 06-JUN-94
 Entered By: JDP Old ID:
 Amount: 14.1 g Size: powder Store Loc: Bldg 57
 Description: Powdered portion of bulk rock sample

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-409 Reference: 042/140 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: 48.3 Y: 17 Z: 10
Description: Outside cleared area, tuff fragments coated with Fe-oxide material; N-S traverse of a prominent fracture along NE side of orebody

Subsample Id: NOPI-409-GAM1 Reference: 080/201 Log Date: 10-JUN-94
Entered By: JDP Old ID:
Amount: 3.634 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis

Subsample Id: NOPI-409-WR1 Reference: 080/200 Log Date: 07-JUN-94
Entered By: JDP Old ID:
Amount: 10.3 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: NOPI-410 Reference: 042/141 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: Y: Z: 10
Description: Sample taken on vertical wall of +10 level, between 22 and 23, Fe-oxide fracture fill material; N-S traverse of a prominent fracture along NE side of orebody

Subsample Id: NOPI-410-GAM1 Reference: 080/201 Log Date: 10-JUN-94
Entered By: JDP Old ID:
Amount: 3.569 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis

Subsample Id: NOPI-410-WR1 Reference: 080/200 Log Date: 07-JUN-94
Entered By: JDP Old ID:
Amount: 11.4 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Subsample Id: NOPI-410-XRD1 Reference: 080/204 Log Date: 20-JUN-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample that was prepared and analyzed by XRD

Sample Id: NOPI-411 Reference: 042/141 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: Y: Z: 10
Description: Sample taken on vertical wall of +10 level, between 22 and 23, Fe-oxide fracture fill material; N-S traverse of a prominent fracture along NE side of orebody

Subsample Id: NOPI-411-GAM1 Reference: 080/202 Log Date: 10-JUN-94
Entered By: JDP Old ID:
Amount: 3.794 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for gamma analysis

Subsample Id: NOPI-411-WR1 Reference: 080/200 Log Date: 07-JUN-94
Entered By: JDP Old ID:
Amount: 15.0 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-424 Reference: 042/143 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: -6.1 Y: 13.95 Z: 10
Description: Fracture fill material (Fe-rich) taken from prominent E-W fracture at
13 m N; relatively undisturbed fracture fill with adjacent altered
host tuff

Subsample Id: NOPI-424-XRD2 Reference: 080/243 Log Date: 19-OCT-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction analysis.

Sample Id: NOPI-425 Reference: 042/143 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: -9.8 Y: 14.6 Z: 10
Description: Fracture fill material (Fe-rich) taken from prominent E-W fracture at
13 m N; relatively undisturbed fracture fill with adjacent altered
host tuff

Subsample Id: NOPI-425-Jar Reference: 080/215 Log Date: 20-JUL-94
Entered By: JDP Old ID:
Amount: 1 g Size: crystals Store Loc: Bldg 57
Description: Mineral separate of jarosite produced by hand-picking and scraping
fracture fill material from host rock and heavy liquid separation.

Subsample Id: NOPI-425-TS1 Reference: 080/224 Log Date: 10-AUG-94
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory.

Subsample Id: NOPI-425-WR1 Reference: 080/242 Log Date: 18-OCT-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered portion of fracture filling material.

Subsample Id: NOPI-425-XRD2 Reference: 080/243 Log Date: 19-OCT-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of powdered whole rock sample for x-ray diffraction analysis.

Sample Id: NOPI-426 Reference: 042/143 Collection Date: 03-MAR-94
Log Date: 08-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: Amount: Size: bulk
X: Y: Z: 10
Description: Fresh Nopal tuff collected on road leading to +10 level (SW of
orebody) for N. Shirdar. Probably excavated from +20 level.

Sample Id: NOPI-427 Reference: 042/144 Collection Date: 03-MAR-94
Log Date: 07-MAR-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size: bulk
X: Y: Z:
Description: Nopal tuff, altered, cream-colored, float. Collected for hydrologic
tests.

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-435 Reference: 121/4 Collection Date: 18-SEP-94
 Log Date: 31-MAR-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-3 in field Amount: Size:
 X: 52 Y: 56 Z: 16
 Description: Caliche lining tuff from Nopal Fm. Collected NE of Level +10 on
 corner of excavated wall. "Not far" below pre-mining surface. Purple
 tuff lined by black and orange coating, then caliche. Located on
 field map.

Sample Id: NOPI-436 Reference: 121/9 Collection Date: 20-SEP-94
 Log Date: 31-MAR-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-4 in field Amount: Size:
 X: 52 Y: 56 Z: 16
 Description: Caliche from same site as NOPI-435 (DAP-3). Purple tuff lined by
 black and orange coating, then caliche. Located on field map. Photos
 2-2, 2-3.

Sample Id: NOPI-437 Reference: 121/10 Collection Date: 20-SEP-94
 Log Date: 31-MAR-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-5 in field Amount: Size:
 X: Y: Z: 10
 Description: Small chip of ellipsoid bleb in U-mineralized zone. Jarosite (?) and
 unidentified black mineral. No location in notebook (near +15/+15??).
 Photo 2-13.

Sample Id: NOPI-438 Reference: 121/11 Collection Date: 20-SEP-94
 Log Date: 31-MAR-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-6 in field Amount: Size:
 X: 10.25 Y: 13.5 Z: 10
 Description: E-W major fracture. Matrix plus fill.

Sample Id: NOPI-439 Reference: 121/11 Collection Date: 20-SEP-94
 Log Date: 31-MAR-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-7 in field Amount: Size:
 X: 8.3 Y: 13.85 Z: 10
 Description: E-W major fracture. Matrix plus fill.

Sample Id: NOPI-440 Reference: 121/11 Collection Date: 20-SEP-94
 Log Date: 31-MAR-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-8 in field Amount: Size:
 X: -30 Y: 20 Z: 14
 Description: From wall along extrapolation (?) of E-W major fracture, by I. Reyes.
 Oxides and clays from fracture intersection. XYZ is approximated.
 Located just to left of "10" mark on Level +10 wall.

Sample Id: NOPI-441 Reference: 121/12 Collection Date: 20-SEP-94
 Log Date: 31-MAR-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-9 in field Amount: Size:
 X: 4.55 Y: 13.8 Z: 10
 Description: E-W major fracture. Matrix plus fill.

Nopal Analogs Samples and Subsamples

Sample Id: NOPI-450 Reference: 021/47 Collection Date: 23-MAY-95
 Log Date: 30-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: Bulk
 X: -8 Y: 49 Z: 12.5
 Description: Fracture filling; hematite, kaolinite, mixed Fe-oxyhydroxides; from a
 near vertical fracture set on the high wall of the Nopal I deposit

Sample Id: NOPI-451 Reference: 021/47 Collection Date: 23-MAY-95
 Log Date: 30-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: Bulk
 X: -8 Y: 49 Z: 12.5
 Description: Tuff wall rock adjacent to NOPI-450, some Fe-oxide fracture filling
 adheres to sample face; from a near vertical fracture set on the high
 wall of the Nopal I deposit

Sample Id: NOPI-452 Reference: 021/48 Collection Date: 23-MAY-95
 Log Date: 30-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: Bulk
 X: -10.5 Y: 54 Z: 23
 Description: Fe-oxide fracture filling, some kaolinite; from a near vertical
 fracture set on the high wall of the Nopal I deposit

Sample Id: NOPI-453 Reference: 021/48 Collection Date: 23-MAY-95
 Log Date: 30-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: Bulk
 X: -10.5 Y: 54 Z: 23
 Description: Tuff wall rock including a portion of iron oxide fracture filling;
 from a near vertical fracture set on the high wall of the Nopal I
 deposit

Sample Id: NOPI-454 Reference: 021/49 Collection Date: 24-MAY-95
 Log Date: 30-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: Bulk
 X: -12 Y: 55.5 Z: 32
 Description: Fe-oxide fracture filling, includes some fracture gouge; from a near
 vertical fracture set on the high wall of the Nopal I deposit

Sample Id: NOPI-455 Reference: 021/49 Collection Date: 24-MAY-95
 Log Date: 30-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: Bulk
 X: -12 Y: 55.5 Z: 32
 Description: Tuff wall rock immediately adjacent to fracture filling; from a near
 vertical fracture set on the high wall of the Nopal I deposit

Sample Id: NOPI-456 Reference: 021/51 Collection Date: 24-MAY-95
 Log Date: 30-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: Bulk
 X: 8 Y: 65 Z: 53
 Description: Fracture coating on sub-horizontal fracture; calcite-caliche with
 earlier formed quartz crystals and minor Fe-oxides

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-457 Reference: 021/51 Collection Date: 24-MAY-95
 Log Date: 30-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: Bulk
 X: 0 Y: 60.5 Z: 44
 Description: Caliche from subhorizontal fracture surface about 1 m below premining ground surface

Sample Id: NOPI-458 Reference: 021/51 Collection Date: 24-MAY-95
 Log Date: 30-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: Bulk
 X: 0 Y: 60.5 Z: 44
 Description: Caliche from subhorizontal fracture surface about 1 m below premining ground surface

Sample Id: NOPI-459 Reference: 042/149 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 8.63 Y: 9.12 Z: 10
 Description: Nopal tuff, dark-red matrix with kaolinite replacing feldspars; Fe-oxides in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-460 Reference: 042/150 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 8.85 Y: 9.2 Z: 10
 Description: Nopal tuff, dark-red matrix with kaolinite replacing feldspars; Fe-oxides in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-461 Reference: 042/150 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 9.08 Y: 9.2 Z: 10
 Description: Nopal tuff, dark-red matrix with kaolinite replacing feldspars; Fe-oxides and kaolinite in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-462 Reference: 042/150 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 9.27 Y: 9.22 Z: 10
 Description: Nopal tuff, dark-red matrix with kaolinite replacing feldspars; Fe-oxides and kaolinite in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-463 Reference: 042/150 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 9.48 Y: 9.25 Z: 10
 Description: Nopal tuff, dark-red matrix with kaolinite replacing feldspars; Fe-oxides and kaolinite in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-464 Reference: 042/151 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 9.7 Y: 9.25 Z: 10
Description: Nopal tuff, broken; Fe-oxides and kaolinite in fractures; continuation
of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-465 Reference: 042/151 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 9.9 Y: 9.1 Z: 10
Description: Nopal tuff, broken; Fe-oxides and kaolinite in fractures; continuation
of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-466 Reference: 042/151 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 10.1 Y: 9.07 Z: 10
Description: Nopal tuff, very broken; Fe-oxides and kaolinite in fractures;
continuation of 2 m EW transect that crosscuts western boundary of the
deposit.

Sample Id: NOPI-467 Reference: 042/151 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 10.28 Y: 9.05 Z: 10
Description: Nopal tuff, broken; Fe-oxides and kaolinite in fractures; continuation
of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-468 Reference: 042/151 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 10.42 Y: 9.05 Z: 10
Description: Nopal tuff, broken; pinkish color; feldspars replaced by kaolinite;
Fe-oxides and kaolinite in fractures; continuation of 2 m EW transect
that crosscuts western boundary of the deposit.

Sample Id: NOPI-469 Reference: 042/152 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 10.7 Y: 9.1 Z: 10
Description: Altered, kaolinitized Nopal tuff; Fe-oxides and kaolinite in
fractures; continuation of 2 m EW transect that crosscuts western
boundary of the deposit.

Sample Id: NOPI-470 Reference: 042/152 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 10.9 Y: 9.13 Z: 10
Description: Altered, Nopal tuff, brown colored; Fe-oxides and kaolinite in
fractures; continuation of 2 m EW transect that crosscuts western
boundary of the deposit.

Natural Analogs Samples and Subsamples

Sample Id: NOPI-471 Reference: 042/152 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 13.2 Y: 9.07 Z: 10
 Description: Altered, hematized, Nopal tuff; Fe-oxides and kaolinite in fractures;
 continuation of 2 m EW transect that crosscuts western boundary of the
 deposit.

Sample Id: NOPI-472 Reference: 042/152 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 13.35 Y: 9.15 Z: 10
 Description: Altered, hematized, Nopal tuff; Fe-oxides in fractures; continuation of
 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-473 Reference: 042/152 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 13.57 Y: 9.1 Z: 10
 Description: Altered, hematized, Nopal tuff; Fe-oxides and yellow U-silicates in
 fractures; continuation of 2 m EW transect that crosscuts western
 boundary of the deposit.

Sample Id: NOPI-474 Reference: 042/153 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 13.8 Y: 9.08 Z: 10
 Description: Altered, hematized, Nopal tuff; Fe-oxides in fractures; continuation of
 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-475 Reference: 042/153 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 14.02 Y: 9.08 Z: 10
 Description: Altered, limonitic, Nopal tuff; Fe-oxides in fractures; continuation of
 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-476 Reference: 042/153 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 14.2 Y: 9.1 Z: 10
 Description: Altered, limonitic, Nopal tuff; Fe-oxides in fractures; continuation of
 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-477 Reference: 042/153 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 14.45 Y: 9.13 Z: 10
 Description: Altered, limonitic, Nopal tuff; Fe-oxides and U-silicates in fractures;
 continuation of 2 m EW transect that crosscuts western boundary of the
 deposit.

Central Analogs Samples and Subsamples

Sample Id: NOPI-478 Reference: 042/153 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 14.65 Y: 9.14 Z: 10
Description: Altered, hematitic/limonitic, Nopal tuff; Fe-oxides and U-silicates in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-479 Reference: 042/154 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 14.86 Y: 9.1 Z: 10
Description: Altered, hematitic/limonitic, Nopal tuff; Fe-oxides in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-480 Reference: 042/154 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 15.1 Y: 9.07 Z: 10
Description: Altered, limonitic, Nopal tuff; Fe-oxides in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-481 Reference: 042/154 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 15.34 Y: 9.1 Z: 10
Description: Altered, limonitic/hematitic, Nopal tuff; Fe-oxides in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-482 Reference: 042/154 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 15.55 Y: 9.13 Z: 10
Description: Altered, limonitic/hematitic, Nopal tuff; Fe-oxides in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-483 Reference: 042/154 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 15.8 Y: 9.1 Z: 10
Description: Altered, very hematitic, Nopal tuff; Fe-oxides and U-silicates in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-484 Reference: 042/155 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 16.02 Y: 9.15 Z: 10
Description: Altered, very hematitic, Nopal tuff; Fe-oxides in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

1 Mineral Analogs Samples and Subsamples

Sample Id: NOPI-485 Reference: 042/155 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 16.23 Y: 9.08 Z: 10
Description: Altered, hematitic, Nopal tuff; Fe-oxides and kaolinite in fractures;
continuation of 2 m EW transect that crosscuts western boundary of the
deposit.

Sample Id: NOPI-486 Reference: 042/155 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 16.5 Y: 9.1 Z: 10
Description: Altered, hematitic, Nopal tuff; Fe-oxides and kaolinite in fractures;
continuation of 2 m EW transect that crosscuts western boundary of the
deposit.

Sample Id: NOPI-487 Reference: 042/155 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 16.68 Y: 9.17 Z: 10
Description: Altered, hematitic, Nopal tuff; Fe-oxides and kaolinite in fractures;
continuation of 2 m EW transect that crosscuts western boundary of the
deposit.

Sample Id: NOPI-488 Reference: 042/155 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 16.87 Y: 9.15 Z: 10
Description: Altered, hematitic, Nopal tuff; Fe-oxides and kaolinite in fractures;
continuation of 2 m EW transect that crosscuts western boundary of the
deposit.

Sample Id: NOPI-489 Reference: 042/156 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 17.03 Y: 9.02 Z: 10
Description: Altered, hematitic/limonitic, Nopal tuff; Fe-oxides and kaolinite in
fractures; continuation of 2 m EW transect that crosscuts western
boundary of the deposit.

Sample Id: NOPI-490 Reference: 042/156 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 17.22 Y: 9.03 Z: 10
Description: Altered, hematitic/limonitic, Nopal tuff; Fe-oxides and kaolinite in
fractures; continuation of 2 m EW transect that crosscuts western
boundary of the deposit.

Sample Id: NOPI-491 Reference: 042/156 Collection Date: 24-MAY-95
Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
Old ID: Amount: Size:
X: 17.46 Y: 9.04 Z: 10
Description: Altered, hematitic/limonitic, Nopal tuff; Fe-oxides and kaolinite in
fractures; continuation of 2 m EW transect that crosscuts western
boundary of the deposit.

Local Analogs Samples and Subsamples

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Sample Id: NOPI-491 Reference: 042/156 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 17.46 Y: 9.04 Z: 10
 Description: Altered, hematitic/limonitic, Nopal tuff; Fe-oxides and kaolinite in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-492 Reference: 042/156 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 17.67 Y: 9.05 Z: 10
 Description: Altered, hematitic/limonitic, Nopal tuff; Fe-oxides and kaolinite in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-493 Reference: 042/156 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 17.85 Y: 9.15 Z: 10
 Description: Altered, hematitic/limonitic, Nopal tuff; Fe-oxides and kaolinite in fractures; continuation of 2 m EW transect that crosscuts western boundary of the deposit.

Sample Id: NOPI-494 Reference: 042/157 Collection Date: 24-MAY-95
 Log Date: 26-MAY-95 Entered By: JDP Store Loc: Bldg 57 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size:
 X: 22 Y: 12 Z: 10
 Description: Relatively coarse crystalline uranophane (mostly acicular needles) collected within the orebody from a fracture on +10 level (approximate coordinate location is 22/12/10). In several bags.

Sample Id: NOPI-495 Reference: 021/54 Collection Date: 24-MAY-95
 Log Date: 31-MAY-95 Entered By: JDP Store Loc: Bldg 57 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: bulk
 X: -1.5 Y: 12.5 Z: 10
 Description: Nopal tuff, dark gray, feldspar phenocrysts partially altered to kaolinite.

Sample Id: NOPI-496 Reference: 021/55 Collection Date: 24-MAY-95
 Log Date: 31-MAY-95 Entered By: JDP Store Loc: Bldg 57 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: bulk
 X: 11 Y: 14 Z: 10
 Description: Nopal tuff, kaolinitized with Fe-oxides, possible minor U mineralization.

Sample Id: NOPI-497 Reference: 021/55 Collection Date: 24-MAY-95
 Log Date: 31-MAY-95 Entered By: JDP Store Loc: Bldg 57 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: bulk
 X: 20 Y: 31 Z: 10
 Description: Nopal tuff, moderately kaolinitized, minor limonite.

ral Analogs Samples and Subsamples

Sample Id: NOPI-498 Reference: 021/56 Collection Date: 24-MAY-95
 Log Date: 31-MAY-95 Entered By: JDP Store Loc: Bldg 57 Collection Site: Pena Blanca, Nopal I
 Old ID: Amount: Size: bulk
 X: 35 Y: 6.5 Z: 10
 Description: Nopal tuff, dark gray, partial kaolinitization of feldspars, very
 little Fe oxide.

Sample Id: NOPI-499 Reference: 121/23 Collection Date: 24-MAY-94
 Log Date: 29-MAY-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-18 in field Amount: Size:
 X: 36 Y: 63 Z: 24
 Description: Caliche filling fracture in tuff. At 24 meter level.
 Photo #12.

Sample Id: NOPI-500 Reference: 121/24 Collection Date: 24-MAY-94
 Log Date: 29-MAY-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-19 in field Amount: Size:
 X: 38 Y: 62 Z: 22
 Description: Caliche filling fracture in tuff. At 22 meter level.
 Photo #13.

Sample Id: NOPI-501 Reference: 121/25 Collection Date: 24-MAY-94
 Log Date: 29-MAY-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-20 in field Amount: Size:
 X: 5.6 Y: 32.8 Z: 10
 Description: Calcite hosting tuff breccia vein on Level +10, near large calcite
 crystal deposit in "pit." Dark gray color.
 Photos #14 and 15 from adjacent.

Sample Id: NOPI-502 Reference: 121/26 Collection Date: 24-MAY-94
 Log Date: 29-MAY-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-21 in field Amount: Size:
 X: -11 Y: 47 Z: 13
 Description: Calcite hosting tuff breccia vein (horizontal) on wall of Level +10.
 Dark gray color. 3 m past "16" mark on wall. XY approximate.
 Photo #21. I. Reyes helped sample.

Sample Id: NOPI-503 Reference: 121/26 Collection Date: 24-MAY-94
 Log Date: 29-MAY-95 Entered By: DAP Store Loc: Bldg 51 Collection Site: Pena Blanca, Nopal I
 Old ID: DAP-22 in field Amount: Size:
 X: 2 Y: 53 Z: 12.5
 Description: Calcite vein (small, vertical) on wall of Level +10. Dark gray color.
 3 m past "19" mark on wall, 0.3 m to right of borehole 6 (above "BH-6"
 metal tag). Photo #23 nearby vein. XY approx.
 Photo #21. I. Reyes helped sample.

Sample Id: NOPI-BH12-1 Reference: 035/44 Collection Date: 23-MAR-93
 Log Date: 29-MAR-93 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
 Old ID: 393-BH12-1 Amount: 60 ml Size:
 X: Y: Z:
 Description: Water sample for alkalinity taken from borehole 12 on +10 level.
 Minimum agitation and filled to top; unfiltered and not acidified.

Normal Analogs Samples and Subsamples

Sample Id: NOPI-BH12-2 Reference: 035/44 Collection Date: 23-MAR-93
Log Date: 29-MAR-93 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: 393-BH12-2 Amount: 60 ml Size:
X: Y: Z:
Description: Water sample for alkalinity taken from borehole 12 on +10 level.
Duplicate of NOPI-BH12-1 for alkalinity measurement; unfiltered and
not acidified from 1st 300 ml.

Sample Id: NOPI-BH12-3 Reference: 035/44 Collection Date: 23-MAR-93
Log Date: 29-MAR-93 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: 393-BH12-3 Amount: 60 ml Size:
X: Y: Z:
Description: Water sample from borehole 12 on the +10 level; from 1st draw (300 ml)
to be measured for silica, unfiltered and unacidified

Sample Id: NOPI-BH12-4 Reference: 035/44 Collection Date: 23-MAR-93
Log Date: 29-MAR-93 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: 393-BH12-4 Amount: 125 ml Size:
X: Y: Z:
Description: Water sample from borehole 12 on the +10 level; filtered aliquot from
1st and 2nd draw stored in dark bottle for anion analyses

Sample Id: NOPI-BH12-5 Reference: 035/44 Collection Date: 23-MAR-93
Log Date: 29-MAR-93 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: 393-BH12-5 Amount: 954.17 g Size:
X: Y: Z:
Description: Water sample from borehole 12 on the +10 level; aliquots of 2nd and
3rd draw; filtered (0.45 micron) and acidified (10 ml concentrated
HNO3)

Sample Id: NOPI-BH12-6 Reference: 035/44 Collection Date: 23-MAR-93
Log Date: 29-MAR-93 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: 393-BH12-6 Amount: 254.79 g Size:
X: Y: Z:
Description: Water sample from borehole 12 on the +10 level; aliquot of 3rd draw;
filtered (0.45 micron) and acidified (10 ml concentrated HNO3)

Sample Id: NOPI-BH12-7 Reference: 035/46 Collection Date: 24-MAR-93
Log Date: 29-MAR-93 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: 393-BH12-7 Amount: 60 ml Size:
X: Y: Z:
Description: Water sample from borehole 12 on the +10 level; aliquot of 1st draw;
collected with minimum of agitation for alkalinity measurement

Sample Id: NOPI-BH12-8 Reference: 035/46 Collection Date: 24-MAR-93
Log Date: 29-MAR-93 Entered By: BWL Store Loc: Bldg 57 Collection Site: Nopal I, Pena Blanca
Old ID: 393-BH12-8 Amount: 60 ml Size:
X: Y: Z:
Description: Water sample from borehole 12 on the +10 level; aliquot of 1st draw to
be analyzed for silica; unfiltered and unacidified

Mineral Analogs Samples and Subsamples

Sample Id: NOPI-VIT-2 Reference: 042/146 Collection Date: 03-MAR-94
Log Date: 14-JUL-94 Entered By: JW Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: Amount: 3 Size: bags
X: Y: Z:
Description: Highly friable, iron-rich clay/kaolinite collected from vitrophyre on
 level 0 slope

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Neutral Analogs Samples and Subsamples

Sample Id: SAN-005 Reference: 022/60 Collection Date: 30-JUN-92
Log Date: 06-JUL-92 Entered By: OCL Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: SAN-WMM-005 Amount: 73.85 g Size: Bulk
X: Y: Z:
Description: Bulk rock sample from Santorini, Greece

Subsample Id: SAN-005-XRD4 Reference: 024/222 Log Date: 30-DEC-92
Entered By: BWL Old ID: SAN-WMM-005-32-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of sieved bulk sample retained on 32 micron screen that was
powdered for x-ray diffraction (XRD) analysis; Al added as an internal
reference

Sample Id: SAN-006 Reference: 022/61 Collection Date: 30-JUN-92
Log Date: 06-JUL-92 Entered By: OCL Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: SAN-WMM-006 Amount: 10.92 g Size: Bulk
X: Y: Z:
Description: Bulk rock sample from Santorini, Greece

Sample Id: SAN-007 Reference: 022/62 Collection Date: 30-JUN-92
Log Date: 06-JUL-92 Entered By: OCL Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: SAN-WMM-007 Amount: 412.59 g Size: Bulk
X: Y: Z:
Description: Bulk rock sample from Santorini, Greece

Subsample Id: SAN-007-BP Reference: Log Date: 09-SEP-92
Entered By: OCL Old ID: SAN-WMM-007-BP
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample SAN-007

Subsample Id: SAN-007-XRD1 Reference: 024/216 Log Date: 21-DEC-92
Entered By: BWL Old ID: SAN-WMM-007-BP-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered bulk rock sample for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: SAN-008 Reference: 022/63 Collection Date: 30-JUN-92
Log Date: 06-JUL-92 Entered By: OCL Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: SAN-WMM-008 Amount: 767.19 g Size: Bulk
X: Y: Z:
Description: Bulk rock sample from Santorini, Greece

Subsample Id: SAN-008-BP Reference: Log Date: 09-SEP-92
Entered By: OCL Old ID: SAN-WMM-008-BP
Amount: Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample SAN-008

Subsample Id: SAN-008-XRD1 Reference: 024/216 Log Date: 21-DEC-92
Entered By: BWL Old ID: SAN-WMM-008-BP-XRD1
Amount: 1.0 g Size: powder Store Loc: Bldg 57
Description: Portion of powdered bulk rock sample for x-ray diffraction (XRD)
analysis; Al powder added as an internal reference

Sample Id: SAN-009 Reference: 022/63 Collection Date: 30-JUN-92
Log Date: 06-JUL-92 Entered By: OCL Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: SAN-WMM-009 Amount: 351.45 g Size: Bulk
X: Y: Z:
Description: Bulk rock sample from Santorini, Greece

Neutral Analogs Samples and Subsamples

Sample Id: SAN-020 Reference: 022/103 Collection Date: 06-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; extracted from wall on west side of basement on west side of delta 3 behind metal roof support frame; 20 X 75 X 7 cm; light purple in color, por

Subsample Id: SAN-020-TS1 Reference: 080/73 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: SAN-020-XRD1 Reference: 080/63 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD) analysis

Sample Id: SAN-021 Reference: 022/104 Collection Date: 06-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Packed earth material from SE quarter of delta 3 under the artifact location.

Subsample Id: SAN-021-WR1 Reference: 080/168 Log Date: 19-APR-94
Entered By: JDP Old ID:
Amount: 65.9 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: SAN-022 Reference: 022/104 Collection Date: 06-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Packed earth material from SE quarter of delta 3 under the artifact location. See reference for location of sample in delta 3.

Subsample Id: SAN-022-TS1 Reference: 080/73 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: SAN-022-WR1 Reference: 080/155 Log Date: 04-APR-94
Entered By: JDP Old ID:
Amount: 59.1 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Subsample Id: SAN-022-XRD1 Reference: 080/63 Log Date: 08-OCT-93
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Fine unconsolidated material powdered for x-ray diffraction (XRD) analysis

Subsample Id: SAN-022-XRD2 Reference: 080/63 Log Date: 08-OCT-93
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Consolidated chunks of tuff powdered for x-ray diffraction (XRD) analysis

Mineral Analogs Samples and Subsamples

Sample Id: SAN-038 Reference: 022/113 Collection Date: 07-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Bedrock taken below site of SAN-030. See reference for location of
sample in delta 3.

Subsample Id: SAN-038-TS1 Reference: 080/73 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Subsample Id: SAN-038-WR1 Reference: 080/105 Log Date: 11-FEB-94
Entered By: JDP Old ID:
Amount: 21.92 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample SAN-038

Subsample Id: SAN-038-XRD1 Reference: 080/63 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD)
analysis

Sample Id: SAN-039 Reference: 022/113 Collection Date: 07-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Bedrock taken below site of SAN-031. See reference for location of
sample in delta 3.

Subsample Id: SAN-039-WR1 Reference: 080/162 Log Date: 14-APR-94
Entered By: JDP Old ID:
Amount: 52.5 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: SAN-040 Reference: 022/113 Collection Date: 07-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Bedrock taken below site of SAN-032. See reference for location of
sample in delta 3.

Subsample Id: SAN-040-WR1 Reference: 080/171 Log Date: 26-APR-94
Entered By: JDP Old ID:
Amount: 58.22 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: SAN-041 Reference: 022/113 Collection Date: 07-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Bedrock taken below site of SAN-033. See reference for location of
sample in delta 3.

Subsample Id: SAN-041-TS1 Reference: 080/73 Log Date: 02-DEC-93
Entered By: JDP Old ID:
Amount: Size: Store Loc: Bldg 57
Description: Polished thin section prepared by Mineral Optics Laboratory

Mineral Analogs Samples and Subsamples

Sample Id: SAN-041 Reference: 022/113 Collection Date: 07-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Bedrock taken below site of SAN-033. See reference for location of sample in delta 3.

Subsample Id: SAN-041-WR1 Reference: 080/149 Log Date: 28-MAR-94
Entered By: JDP Old ID:
Amount: 45.8 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample SAN-041

Subsample Id: SAN-041-XRD1 Reference: 080/63 Log Date: 11-OCT-93
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: Portion of bulk rock sample powdered for x-ray diffraction (XRD) analysis

Sample Id: SAN-042 Reference: 022/113 Collection Date: 07-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Bedrock taken below site of SAN-034 and SAN-035. Three fragments of bedrock each with one weathered surface corresponding to west surface of a major N-S fractu

Subsample Id: SAN-042-WR Reference: 080/178 Log Date: 03-MAY-94
Entered By: JDP Old ID:
Amount: 37.2 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Subsample Id: SAN-042-XRD2 Reference: 080/192 Log Date: 24-MAY-94
Entered By: JDP Old ID:
Amount: Size: powder Store Loc: Bldg 57
Description: White-colored fracture lining material that was handpicked from bulk rock sample and powdered for x-ray diffraction (XRD) analysis.

Sample Id: SAN-043 Reference: 022/113 Collection Date: 07-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Bedrock taken below site of SAN-034 and SAN-035. See reference for location of sample in delta 3.

Subsample Id: SAN-043-WR1 Reference: 080/178 Log Date: 03-MAY-94
Entered By: JDP Old ID:
Amount: 31.4 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Sample Id: SAN-044 Reference: 022/115 Collection Date: 07-SEP-93
Log Date: 07-OCT-93 Entered By: JP Store Loc: Bldg 57 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Bedrock taken below site of SAN-036. See reference for location of sample in delta 3.

Subsample Id: SAN-044-WR1 Reference: 080/168 Log Date: 19-APR-94
Entered By: JDP Old ID:
Amount: 59.8 g Size: powder Store Loc: Bldg 57
Description: Powdered portion of bulk rock sample

Neutral Analogs Samples and Subsamples

Sample Id: SAN94-013 Reference: 117/6 Collection Date: 25-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected 1.1 m south and 85 cm east of hole IV of
1993 season by augering and coring; depth = 44-49 cm relative to
bedrock surface.

Sample Id: SAN94-014 Reference: 117/6 Collection Date: 25-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected 1.1 m south and 85 cm east of hole IV of
1993 season by augering and coring; depth = 49-52 cm relative to
bedrock surface.

Subsample Id: SAN94-014-WR1 Reference: 080/252 Log Date: 25-OCT-94
Entered By: JDP Old ID:
Amount: 32.42 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-015 Reference: 117/6 Collection Date: 25-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected 1.1 m south and 85 cm east of hole IV of
1993 season by augering and coring; depth = 53-57 cm relative to
bedrock surface.

Sample Id: SAN94-016 Reference: 117/6 Collection Date: 25-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected 1.1 m south and 85 cm east of hole IV of
1993 season by augering and coring; depth = 58-62 cm relative to
bedrock surface.

Subsample Id: SAN94-016-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 45.72 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-017 Reference: 117/10 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole VI from 1993 fieldwork
by augering and coring; depth = 13-18 cm relative to bedrock surface.

Subsample Id: SAN94-017-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 42.25 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Major Analogs Samples and Subsamples

Sample Id: SAN94-018 Reference: 117/10 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole VI from 1993 fieldwork
by hand; depth = 19-22.5 cm relative to bedrock surface.

Subsample Id: SAN94-018-WR1 Reference: 080/252 Log Date: 25-OCT-94
Entered By: JDP Old ID:
Amount: 41.48 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-019 Reference: 117/10 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole VI from 1993 fieldwork
by augering and coring; depth = 25-28 cm relative to bedrock surface.

Sample Id: SAN94-020 Reference: 117/10 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole VI from 1993 fieldwork
by augering and coring; depth = 32-36 cm relative to bedrock surface.

Subsample Id: SAN94-020-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 40.22 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-021 Reference: 117/10 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole VI from 1993 fieldwork
by hand with slight contamination from sidewall; depth = 37-39 cm
relative to bedrock surface.

Subsample Id: SAN94-021-WR1 Reference: 080/252 Log Date: 25-OCT-94
Entered By: JDP Old ID:
Amount: 43.64 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-022 Reference: 117/10 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole VI from 1993 fieldwork
by hand after over augering; piece of core not recovered with SAN94-
021; depth = 39-42 cm relative to bedrock surface.

Mineral Analogs Samples and Subsamples

Sample Id: SAN94-023 Reference: 117/10 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole VI from 1993 fieldwork
by hand with slight contamination; depth = 43-48 cm relative to
bedrock surface.

Subsample Id: SAN94-023-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 42.01 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-024 Reference: 117/11 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole III from 1993 fieldwork
by augering and coring; depth = 11-18.5 cm relative to bedrock
surface.

Subsample Id: SAN94-024-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 36.59 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-025 Reference: 117/11 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole III from 1993 fieldwork
by augering and coring; a single piece taken from top of core barrel
above SAN94-024; depth = 11-13 cm relative to bedrock surface.

Subsample Id: SAN94-025-WR1 Reference: 080/252 Log Date: 25-OCT-94
Entered By: JDP Old ID:
Amount: 15.05 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-026 Reference: 117/11 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole III from 1993 fieldwork
by augering and coring and hand; depth = 20-26.5 cm relative to
bedrock surface.

Subsample Id: SAN94-026-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 42.63 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-027 Reference: 117/11 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole III from 1993 fieldwork;
95% by hand, 5% with scooping auger, 1% contaminated with sidewall
material; depth = 30.5-37 cm relative to bedrock surface.

Mineral Analogs Samples and Subsamples

Sample Id: SAN94-027 Reference: 117/11 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole III from 1993 fieldwork;
95% by hand, 5% with scooping auger, 1% contaminated with sidewall
material; depth = 30.5-37 cm relative to bedrock surface.

Sample Id: SAN94-028 Reference: 117/11 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole III from 1993 fieldwork;
50% by hand, 50% in auger barrel; depth = 42-49 cm relative to bedrock
surface.

Subsample Id: SAN94-028-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 45.94 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-029 Reference: 117/12 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Packed earth; collected 40 cm from borehole IV and 43 cm south of 1993
hole III; about 6 to 3 cm above bedrock.

Subsample Id: SAN94-029-WR1 Reference: 080/252 Log Date: 25-OCT-94
Entered By: JDP Old ID:
Amount: 87.25 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-030 Reference: 117/12 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Mixed packed earth and bedrock (Cape Riva tuff); collected 40 cm from
borehole IV and 43 cm south of 1993 hole III; about 3 cm above to 1 cm
below bedrock.

Sample Id: SAN94-031 Reference: 117/12 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Bedrock (Cape Riva tuff); collected 40 cm from borehole IV and 43 cm
south of 1993 hole III; top 6 cm of bedrock.

Subsample Id: SAN94-031-WR1 Reference: 080/252 Log Date: 25-OCT-94
Entered By: JDP Old ID:
Amount: 41.62 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Natural Analogs Samples and Subsamples

Sample Id: SAN94-036 Reference: 117/12 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected 40 cm from borehole IV and 43 cm from
borehole III of 1993 to the south mostly by coring, some by hand; 36-
41 cm from bedrock surface.

Subsample Id: SAN94-036-WR1 Reference: 080/252 Log Date: 25-OCT-94
Entered By: JDP Old ID:
Amount: 41.56 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-037 Reference: 117/12 Collection Date: 26-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected 40 cm from borehole IV and 43 cm from
borehole III of 1993 to the south by coring and hand; 46-51 cm from
bedrock surface.

Subsample Id: SAN94-037-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 40.61 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-038 Reference: 117/21 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Weathered lithic rich tuff bored from outcrop in ravine adjacent to
stream bed to the east of the Akrotiri site.

Subsample Id: SAN94-038-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 51.40 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-039 Reference: 117/21 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Lithic rich tuff bored from outcrop in the west wall of ravine to the
east of the Akrotiri site.

Subsample Id: SAN94-039-WR1-A Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 93.49 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample

Subsample Id: SAN94-039-WR1-B Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 95.80 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample

Mineral Analogs Samples and Subsamples

Sample Id: SAN94-040 Reference: 117/22 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Material chiseled from a spot about 5 cm x 5 cm square and 3 to 4 cm deep at a point below location of excavation of two bronze clasps and a bronze chisel east of delta 3.

Sample Id: SAN94-041 Reference: 117/22 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Material chiseled from a spot about 5 cm x 5 cm square and about 7 cm deep at a point below location of excavation of two bronze clasps and a bronze chisel east of delta 3.

Sample Id: SAN94-042 Reference: 117/23 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Flake of rock about 10 cm x 20 cm taken from the east wall of the celler west of the delta 3 artifact site.

Sample Id: SAN94-043 Reference: 117/20 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Packed earth material; collected between hole IV and V from 1993 fieldwork.

Sample Id: SAN94-044 Reference: 117/20 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole IV of 1993 fieldwork; 50% by hand and 50% by coring; 8-13 cm from bedrock surface.

Subsample Id: SAN94-044-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 39.79 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-045 Reference: 117/20 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole IV of 1993 fieldwork by hand; 13-17 cm from bedrock surface.

Subsample Id: SAN94-045-WR1 Reference: 080/252 Log Date: 25-OCT-94
Entered By: JDP Old ID:
Amount: 44.63 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Mineral Analogs Samples and Subsamples

Sample Id: SAN94-046 Reference: 117/20 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole IV of 1993 fieldwork;
66% by hand and 33% in core barrel; 19-25 cm from bedrock surface.

Subsample Id: SAN94-046-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 38.57 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-047 Reference: 117/20 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole IV of 1993 fieldwork;
20% by hand and 80% in core barrel; 26-34 cm from bedrock surface.

Subsample Id: SAN94-047-WR1 Reference: 080/252 Log Date: 25-OCT-94
Entered By: JDP Old ID:
Amount: 42.88 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-048 Reference: 117/20 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole IV of 1993 fieldwork;
50% by hand and 50% in core barrel; 36-41 cm from bedrock surface.

Sample Id: SAN94-049 Reference: 117/20 Collection Date: 29-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Bulk
X: Y: Z:
Description: Cape Riva tuff; collected from center of hole IV of 1993 fieldwork;
75% by hand and 25% in core barrel; 44-49 cm from bedrock surface.

Subsample Id: SAN94-049-WR1 Reference: 080/235 Log Date: 07-OCT-94
Entered By: JDP Old ID:
Amount: 43.27 g Size: powder Store Loc: Bldg 51
Description: Powdered portion of bulk rock sample.

Sample Id: SAN94-050 Reference: 117/9 Collection Date: 25-AUG-94
Log Date: 30-SEP-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: Size: Pieces
X: Y: Z:
Description: Vial of green to gray-brown corrosion products and adjacent ash
cleaned from saw artifact from delta 8A. Vial is labelled delta 8A
saw 7317 1994.

Normal Analogs Samples and Subsamples

Sample Id: SAN94GAS-013 Reference: 080/239 Collection Date: 11-OCT-94
Log Date: 11-OCT-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: 20 ml Size:
X: Y: Z:
Description: Gas sample prepared as quality control for analysis of Santorini gas
samples; 50/50 mix of 1% CO2 and air.

Sample Id: SAN94GAS-014 Reference: 080/239 Collection Date: 11-OCT-94
Log Date: 11-OCT-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: 20 ml Size:
X: Y: Z:
Description: Gas sample prepared as quality control for analysis of Santorini gas
samples; 100/0 mix of 1% CO2 and air.

Sample Id: SAN94GAS-015 Reference: 080/239 Collection Date: 11-OCT-94
Log Date: 11-OCT-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: 20 ml Size:
X: Y: Z:
Description: Gas sample prepared as quality control for analysis of Santorini gas
samples; 80/20 mix of 1% CO2 and air.

Sample Id: SAN94GAS-016 Reference: 080/239 Collection Date: 11-OCT-94
Log Date: 11-OCT-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: 20 ml Size:
X: Y: Z:
Description: Gas sample prepared as quality control for analysis of Santorini gas
samples; 20/80 mix of 1% CO2 and air.

Sample Id: SAN94GAS-017 Reference: 080/239 Collection Date: 11-OCT-94
Log Date: 11-OCT-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: 20 ml Size:
X: Y: Z:
Description: Gas sample prepared as quality control for analysis of Santorini gas
samples; 0/100 mix of 1% CO2 and air.

Sample Id: SAN94GAS-018 Reference: 080/240 Collection Date: 11-OCT-94
Log Date: 11-OCT-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: 20 ml Size:
X: Y: Z:
Description: Gas sample prepared as quality control for analysis of Santorini gas
samples; 100/0 mix of 1% CO2 and air.

Sample Id: SAN94GAS-019 Reference: 080/240 Collection Date: 11-OCT-94
Log Date: 11-OCT-94 Entered By: JDP Store Loc: Bldg 51 Collection Site: Santorini, Greece
Old ID: Amount: 20 ml Size:
X: Y: Z:
Description: Gas sample prepared as quality control for analysis of Santorini gas
samples; 50/50 mix of 1% CO2 and air.

OTHERS

Mineral Analogs Samples and Subsamples

Sample Id: COL-1 Reference: 021/12 Collection Date: 27-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: COL-ECP-1 Amount: Size:
X: Y: Z:
Description: Colorades Formation; fresh and altered tuff

Subsample Id: COL-1-GAM1 Reference: 024/71 Log Date: 10-DEC-92
Entered By: BWL Old ID: COL-ECP-1-WR1/1-GAM-
Amount: 4.0652 g Size: powder Store Loc: Bldg 51
Description: Powdered subsample of COL-1-WR1 for gamma analysis (polypropylene vial)

Subsample Id: COL-1-GAM2 Reference: 024/71 Log Date: 10-DEC-92
Entered By: BWL Old ID: COL-ECP-1-WR2/1-GAM-
Amount: 3.3347 g Size: powder Store Loc: Bldg 51
Description: Powdered subsample of COL-1-WR2 for gamma analysis (polypropylene vial)

Subsample Id: COL-1-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: COL-ECP-1-TS1
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: COL-1-TS2 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: COL-ECP-1-TS2
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: COL-1-WR1 Reference: 024/7 Log Date: 09-MAY-91
Entered By: ECP Old ID: COL-ECP-1-WR1
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered whole rock for major and trace element analysis at Texas Tech (label = 5913)

Subsample Id: COL-1-WR2 Reference: 024/7 Log Date: 09-MAY-91
Entered By: ECP Old ID: COL-ECP-1-WR2
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered whole rock for major and trace element analysis at Texas Tech (label = 5916)

Subsample Id: COL-1-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: JDP Old ID: COL-ECP-1-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock for x-ray diffraction (XRD) analysis; 1.9 g COL-1 + 0.1 g Al powder

Sample Id: ESC-1 Reference: 021/18 Collection Date: 28-FEB-91
Log Date: 26-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: ESC-ECP-1 Amount: Size:
X: Y: Z:
Description: Escuadra Formation; fresh lithic tuff

Subsample Id: ESC-1-GAM1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: ESC-ECP-1-GAM-P/1
Amount: 3.4998 g Size: powder Store Loc: Bldg 51
Description: Subsample of powdered sample ESC-1-WR for gamma analysis (polypropylene vial)

Subsample Id: ESC-1-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: ESC-ECP-1-TS1
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Mineral Analogs Samples and Subsamples

Sample Id: ESC-1 Reference: 021/18 Collection Date: 28-FEB-91
Log Date: 26-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: ESC-ECP-1 Amount: Size:
X: Y: Z:
Description: Escuadra Formation; fresh lithic tuff

Subsample Id: ESC-1-TS2 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: ESC-ECP-1-TS2
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: ESC-1-WR Reference: 031/16 Log Date: 19-JAN-92
Entered By: BWL Old ID: ESC-ECP-1-GAM-P
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered whole rock (plastic container)

Subsample Id: ESC-1-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: JDP Old ID: ESC-ECP-1-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock for x-ray diffraction (XRD) analysis; 1.9 g ESC-1 +
0.1 g Al powder

Sample Id: HC-1 Reference: 022/6 Collection Date: 18-APR-91
Log Date: 29-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: McDermott, Nevada
Old ID: HC-WMM-1 Amount: Size:
X: Y: Z:
Description: Welded tuff, some brecciation, slightly radioactive

Sample Id: HC-2 Reference: 022/7 Collection Date: 18-APR-91
Log Date: 29-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: McDermott, Nevada
Old ID: HC-WMM-2 Amount: Size:
X: Y: Z:
Description: Partially oxidized "porcelain" rhyolite

Sample Id: HC-3 Reference: 022/8 Collection Date: 18-APR-91
Log Date: 29-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: McDermott, Nevada
Old ID: HC-WMM-3 Amount: Size:
X: Y: Z:
Description: Silicified rhyolite porphyry

Sample Id: MAR-1 Reference: 021/8 Collection Date: 26-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: MAR-ECP-1 Amount: Size:
X: Y: Z:
Description: Peloncillos Formation; uranophane crust

Sample Id: MAR-2 Reference: 021/8 Collection Date: 26-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: MAR-ECP-2 Amount: Size:
X: Y: Z:
Description: Peloncillos Formation; calcite (?) with yellow uranium staining

Mineral Analogs Samples and Subsamples

Sample Id: MESA-1 Reference: 021/10 Collection Date: 27-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: MESA-ECP-1 Amount: Size:
X: Y: Z:
Description: Mesa Formation; brown-colored vitrophyre

Subsample Id: MESA-1-GAM1 Reference: 024/71 Log Date: 10-DEC-91
Entered By: BWL Old ID: MESA-ECP-1-GAM-P/1
Amount: 3.7811 g Size: powder Store Loc: Bldg 51
Description: Powdered subsample for gamma analysis (polypropylene vial)

Subsample Id: MESA-1-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: MESA-ECP-1-TS1
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: MESA-1-TS2 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: MESA-ECP-1-TS2
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: MESA-1-WR Reference: 031/16 Log Date: 19-JAN-91
Entered By: BWL Old ID: MESA-ECP-1-GAM-P
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock subsample (plastic container)

Subsample Id: MESA-1-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: JDP Old ID: MESA-ECP-1-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 51
Description: Subsample for x-ray diffraction (XRD) analysis; 1.9 g MESA-1 + 0.1 g Al powder.

Sample Id: MESA-2 Reference: 021/10 Collection Date: 27-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: MESA-ECP-2 Amount: Size:
X: Y: Z:
Description: Mesa Formation; reddish-devitrified vitrophyre

Subsample Id: MESA-2-GAM1 Reference: 024/71 Log Date: 10-DEC-92
Entered By: BWL Old ID: MESA-ECP-2-GAM-P/1
Amount: 3.53 g Size: powder Store Loc: Bldg 51
Description: Powdered subsample for gamma analysis (polypropylene vial)

Subsample Id: MESA-2-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: MESA-ECP-2-TS1
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: MESA-2-TS2 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: MESA-ECP-2-TS2
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: MESA-2-WR Reference: 031/16 Log Date: 19-JAN-92
Entered By: BWL Old ID: MESA-ECP-2-GAM-P
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock sample (plastic container)

Subsample Id: MESA-2-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: ECP Old ID: MESA-ECP-2-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 51
Description: Powder subsample for x-ray diffraction (XRD) analysis; 1.9 g MESA-2 + 0.1 g Al powder

Mineral Analogs Samples and Subsamples

Sample Id: MESA-3 Reference: 021/10 Collection Date: 27-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: MESA-ECP-3 Amount: Size:
X: Y: Z:
Description: Mesa Formation; gray/brown welded tuff

Subsample Id: MESA-3-GAM1 Reference: 024/71 Log Date: 02-MAR-92
Entered By: BWL Old ID: MESA-ECP-3-GAM-P/1
Amount: 3.5692 g Size: powder Store Loc: Bldg 51
Description: Powdered subsample for gamma analysis (polypropylene vial)

Subsample Id: MESA-3-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: MESA-ECP-3-TS1
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: MESA-3-TS2 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: MESA-ECP-3-TS2
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: MESA-3-WR Reference: 031/16 Log Date: 19-JAN-91
Entered By: BWL Old ID: MESA-ECP-3-GAM-P
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock subsample (plastic container)

Subsample Id: MESA-3-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: JDP Old ID: MESA-ECP-3-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 51
Description: Powdered subsample for x-ray diffraction (XRD) analysis; 1.9 g MESA-3
+ 0.1 g Al powder

Sample Id: MM-1 Reference: 022/9 Collection Date: 18-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: McDermott, Nevada
Old ID: MM-WMM-1 Amount: Size:
X: Y: Z:
Description: Brecciated rhyolite with black quartz

Sample Id: MM-2 Reference: 022/9 Collection Date: 18-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: McDermott, Nevada
Old ID: MM-WMM-2 Amount: Size:
X: Y: Z:
Description: Brecciated rhyolite with black quartz and Fe-oxides

Sample Id: NOP-1 Reference: 021/11 Collection Date: 27-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: NOP-ECP-1 Amount: Size:
X: Y: Z:
Description: Nopal Formation; fresh, unaltered, gray-colored tuff

Subsample Id: NOP-1-GAM1 Reference: 024/71 Log Date: 10-DEC-92
Entered By: BWL Old ID: NOP-ECP-1-WR2/1-GAM-
Amount: 3.389 g Size: powder Store Loc: Bldg 51
Description: Powdered subsample from NOP-1-WR2 for gamma analysis (polypropylene vial)

Subsample Id: NOP-1-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: NOP-ECP-1-TS1
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Mineral Analogs Samples and Subsamples

Sample Id: NOP-1 Reference: 021/11 Collection Date: 27-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: NOP-ECP-1 Amount: Size:
X: Y: Z:
Description: Nopal Formation; fresh, unaltered, gray-colored tuff

Subsample Id: NOP-1-TS2 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: NOP-ECP-1-TS2
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: NOP-1-WR1 Reference: 024/7 Log Date: 09-MAY-91
Entered By: ECP Old ID: NOP-ECP-1-WR1
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered whole rock sample for major and trace element analysis at
Texas Tech (label = 5912)

Subsample Id: NOP-1-WR2 Reference: 024/7 Log Date: 09-MAY-91
Entered By: ECP Old ID: NOP-ECP-1-WR2
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered whole rock sample for major and trace element analysis at
Texas Tech (label = 5909)

Subsample Id: NOP-1-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: JDP Old ID: NOP-ECP-1-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock sample for x-ray diffraction (XRD) analysis; 1.9 g
NOP-1 + 0.1 g Al powder

Sample Id: NOP-2 Reference: 021/18 Collection Date: 28-FEB-91
Log Date: 26-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: NOP-ECP-2 Amount: Size:
X: Y: Z:
Description: Nopal Formation; obsidian remnants from basal vitrophyre

Subsample Id: NOP-2-GAM1 Reference: 024/71 Log Date: 10-DEC-92
Entered By: BWL Old ID: NOP-ECP-2-WR1/1-GAM-
Amount: 3.4787 g Size: powder Store Loc: Bldg 51
Description: Subsample of powdered sample NOP-2-WR1 taken for gamma analysis
(polypropylene vial)

Subsample Id: NOP-2-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: NOP-ECP-2-TS1
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: NOP-2-WR1 Reference: 024/7 Log Date: 09-MAY-91
Entered By: ECP Old ID: NOP-ECP-2-WR1
Amount: Size: Store Loc: Bldg 51
Description: Powdered whole rock for major and trace element analysis at Texas Tech
(label = 5920)

Subsample Id: NOP-2-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: JDP Old ID: NOP-ECP-2-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock for x-ray diffraction (XRD) analysis; 1.9 g NOP-2 +
0.1 g Al powder

Sample Id: NOPI-1 Reference: 021/7 Collection Date: 26-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Nopal I, Pena Blanca
Old ID: NOPI-ECP-1 Amount: Size:
X: Y: Z:
Description: High-grade reduced uranium ore from +0 level adit; Nopal Formation

Mineral Analogs Samples and Subsamples

Sample Id: PB-1 Reference: 021/10 Collection Date: 27-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: PB-ECP-1 Amount: Size:
X: Y: Z:
Description: Pena Blanca Formation; pink-colored, friable, tuff

Subsample Id: PB-1-GAM1 Reference: 024/71 Log Date: 03-FEB-92
Entered By: BWL Old ID: PB-ECP-1-GAM-P/1
Amount: 3.7518 g Size: powder Store Loc: Bldg 51
Description: Powdered subsample for gamma analysis (polypropylene vial)

Subsample Id: PB-1-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: PB-ECP-1-TS1
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: PB-1-TS2 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: PB-ECP-1-TS2
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: PB-1-WR Reference: 031/16 Log Date: 19-JAN-92
Entered By: BWL Old ID: PB-ECP-1-GAM-P
Amount: Size: powder Store Loc: Bldg 51
Description: Powder bulk rock sample (plastic container)

Subsample Id: PB-1-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: JDP Old ID: PB-ECP-1-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock subsample for x-ray diffraction (XRD) analysis; 1.9
g PB-1 + 0.1 g Al powder

Sample Id: PUE1-1 Reference: 021/6 Collection Date: 26-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: PUE1-ECP-1 Amount: Size:
X: Y: Z:
Description: Corrales Formation; reddish, welded tuff

Subsample Id: PUE1-1-GAM1 Reference: 024/71 Log Date: 10-DEC-92
Entered By: BWL Old ID: PUE1-ECP-1-GAM-P/1
Amount: 3.1755 g Size: powder Store Loc: Bldg 51
Description: Powdered sample of PUE1-ECP-1 for gamma analysis (polypropylene vial)

Subsample Id: PUE1-1-TS1 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: PUE1-ECP-1-TS1
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: PUE1-1-TS2 Reference: 024/3 Log Date: 29-APR-91
Entered By: ECP Old ID: PUE1-ECP-1-TS2
Amount: Size: Store Loc: Bldg 51
Description: Standard thin section prepared by Mineral Optics Laboratory

Subsample Id: PUE1-1-WR Reference: 031/16 Log Date: 19-JAN-92
Entered By: BWL Old ID: PUE1-ECP-1-GAM-P
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock subsample (plastic container)

Subsample Id: PUE1-1-XRD Reference: 024/11 Log Date: 31-MAY-91
Entered By: JDP Old ID: PUE1-ECP-1-XRD
Amount: 2.0 g Size: powder Store Loc: Bldg 51
Description: Sample taken for x-ray powder diffraction analysis; 1.9 g PUE1-1 + 0.1
g Al powder.

Mineral Analogs Samples and Subsamples

Sample Id: PUE1-2A Reference: 021/7 Collection Date: 26-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: PUE1-ECP-2A Amount: Size:
X: Y: Z:
Description: Diabase dike in the Corrales Formation

Subsample Id: PUE1-2A-GAM1 Reference: 024/71 Log Date: 10-DEC-92
Entered By: BWL Old ID: PUE1-ECP-2A-GAM-P/1
Amount: 4.1436 g Size: powder Store Loc: Bldg 51
Description: Powdered subsample for gamma analysis (polypropylene vial)

Subsample Id: PUE1-2A-WR Reference: 031/16 Log Date: 19-JAN-92
Entered By: BWL Old ID: PUE1-ECP-2A-GAM-P
Amount: Size: powder Store Loc: Bldg 51
Description: Powdered bulk rock subsample (plastic container)

Sample Id: PUE1-2B Reference: 021/7 Collection Date: 27-FEB-91
Log Date: 25-MAR-91 Entered By: ECP Store Loc: Bldg 51 Collection Site: Pena Blanca, Mexico
Old ID: PUE1-ECP-2B Amount: Size:
X: Y: Z:
Description: Siliceous tuff with wecksite replacing feldspar phenocrysts; Nopal
Formation

Subsample Id: PUE1-2B-TS1 Reference: 024/23 Log Date: 25-JUL-91
Entered By: ECP Old ID: PUE1-ECP-2B-TS1
Amount: Size: Store Loc: Bldg 51
Description: Polished thin section prepared by Mineral Optics Laboratory

Sample Id: VV-1 Reference: 022/12 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-1 Amount: Size:
X: Y: Z:
Description: Ash-rich, unwelded tuff

Sample Id: VV-2 Reference: 022/12 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-2 Amount: Size:
X: Y: Z:
Description: Lower brown opal bed, also fine-grained tuff layer

Sample Id: VV-3 Reference: 022/12 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-3 Amount: Size:
X: Y: Z:
Description: Ash-rich, unwelded tuff

Sample Id: VV-4A Reference: 022/12 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-4A Amount: Size:
X: Y: Z:
Description: Upper brown opal bed with clay horizon

Mineral Analogs Samples and Subsamples

Sample Id: VV-4B Reference: 022/13 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-4B Amount: Size:
X: Y: Z:
Description: Upper brown opal bed with clay horizon

Sample Id: VV-5 Reference: 022/13 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-5 Amount: Size:
X: Y: Z:
Description: Unwelded tuff, relatively white, fairly resistant

Sample Id: VV-6 Reference: 022/13 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-6 Amount: Size:
X: Y: Z:
Description: Unwelded tuff, green/brown, clinoptilolite?

Sample Id: VV-7 Reference: 022/13 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-7 Amount: Size:
X: Y: Z:
Description: Unwelded tuff, clinoptilolite?

Sample Id: VV-8 Reference: 022/14 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-8 Amount: Size:
X: Y: Z:
Description: Green, fine-grained tuff, clinoptilolite?

Sample Id: VV-9 Reference: 022/15 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-9 Amount: Size:
X: Y: Z:
Description: Green, fine-grained tuff, clinoptilolite and carnotite?

Sample Id: VV-10 Reference: 022/15 Collection Date: 19-APR-91
Log Date: 30-APR-91 Entered By: ECP Store Loc: Bldg 57 Collection Site: Vir. Val., Nevada
Old ID: VV-WMM-10 Amount: Size:
X: Y: Z:
Description: Rhyolite flow rock with unknown yellow U? mineral