APPENDICES

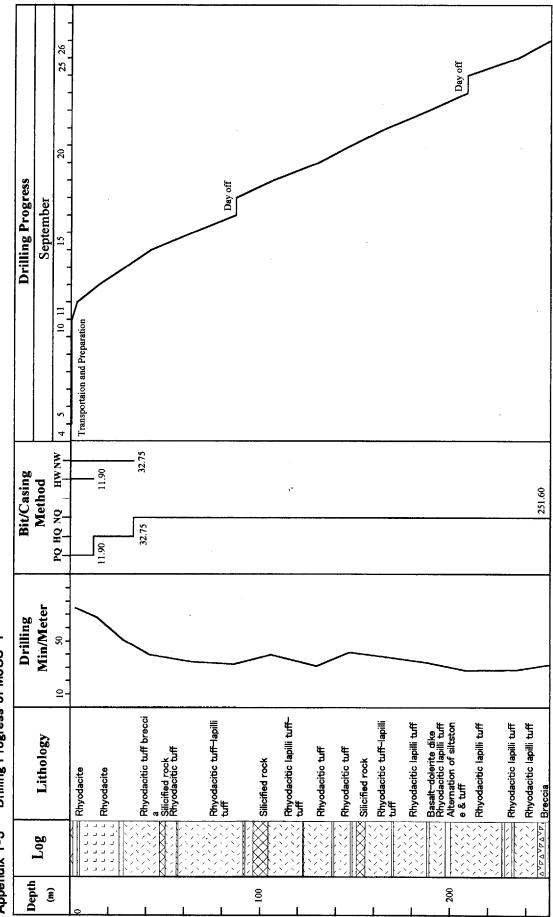
| MJ | SU-1 | | | Surve | y Period | | | Total M | an-day |
|---------------------|-----------------|---------------|----------------|----------|---------------|----------------|----------|------------|---------|
| Operation | | Pe | riod | Day | Worl | (Day | Off Day | Engineer | Worker |
| Transportat | ion/Preparation | Sep. 4, 1999- | Sep. 10, 1999 | 7 | | 5 | 1 | 48.0 | 63.5 |
| Drilling | | Sep. 11, 1999 | -Sep. 26, 1999 | 16 | 1 | 4 | 2 | 68.0 | 69.5 |
| Dismantli | ng | Sep. 26, 19 | 99 | | | | | | |
| Total | | | | 23 | 2 | 0 | 3 | 116.0 | 133.0 |
| Drilling Ler | ngth | (m) | | (m) | Core Recov | very of 100m | Hole | | |
| Length P | anned | 250.00 | Overburden | 0.00 | Depth of Ho | ole | Core | Cumulative | Core |
| Increase/ | Decrease | 1.60 | Core Length | 251.20 | | | Recovery | Recovery | |
| in Length | | | | | (1 | n) | 00 | o | ົ |
| Length Dr | illed | 251.60 | Core | 99.84 | 0.00 to 100 | .00 | 99.60 | 99. | 60 |
| | | | Recovery(%) | | 100.00 to 2 | 200.00 | 100.00 | 99. | B0 |
| Working Ho | | (h) | (%) | (%) | 200.00 to 2 | 51.40 | 100.00 | 99. | 84 |
| Drilling | | 154.5 | 71.5 | 58.5 | | | | | |
| Other Wo | rk | 60.5 | 28.0 | 22.9 | | | | | |
| Recovering | ng | 1.0 | 0.5 | 0.4 | Efficiently o | f Drilling | | | |
| Subtota | l | 216.0 | 100.0 | 81.8 | Total Lengt | h/ | m | day | m/day |
| Preparatio | on | 16.0 | | 6.1 | Dr | illing Period | 251.60 | 16.0 | 15.73 |
| Dismantle | ment | | | 0.0 | Total Lengt | h/ | m | shift | m/shift |
| Transporte | ation | 32.0 | | 12.1 | Total D | rilling Shifts | 251.60 | 27.0 | 9.32 |
| Grand T | otal | 264.0 | | 100.0 | Drilling Len | gth∕Each Bit | (m) | | |
| Casing Pipe | Pipe Inserted | | | Bit Size | Drilling | Length | Core L | ength. | |
| Size | Meterage | Meterage/D | rilling Length | Recovery | PQ | PQ 11. | | 11. | 50 |
| | (m) | × 10 |)0(%) | (%) | HQ 20. | | 85 | 20.0 | 35 |
| HW | 11.9 | 4. | 7 | 100.0 | NQ | 218 | .85 | 218.85 | |
| NW | 32.8 | 13 | .0 | 100.0 | | | | | |

Appendix 1-1 Summary of Drilling Operation of MJSU-1

Appendix 1-2 Record of Drilling Operation of MJSU-1

| | Drilling | Length | | Daily | Total | | Sł | nift | Man Working | | |
|--------|--------------|---------|-------|---------|-------|---------|----------|---------|-------------|-----------|--|
| Date | Shift 1 | Shift 2 | Dril | ling | Co | ore | Drilling | Total | Engineer | Worker | |
| | (m) | (m) | (m) | (cum m) | (m) | (cum m) | (Shift) | (Shift) | (man) | (man) | |
| Sep. 4 | Transportati | on | | | | | | 1 | 9.0 | 12.0 | |
| 5 | Transportati | on | | | | | | 1 | 9.0 | 12.0 | |
| 6 | Preparation | | | | | | | 1 | 9.0 | 12.0 | |
| 7 | Preparation | | - | | | | | 1 | 9.0 | 12.0 | |
| 8 | Preparation | | | | | | | 1 | 9.0 | 12.0 | |
| 9 | Preparation | | | | | | | 1 | 3.0 | 3.5 | |
| 10 | Day off | | | | . 1 | | | | | | |
| 11 | 2.80 | | 2.80 | 2.80 | 2.80 | 2.80 | 1 | 1 | 3.0 | 3.5 | |
| 12 | 6.30 | 5.00 | 11.30 | 14.10 | 10.90 | 13.70 | 2 | 2 | 5.0 | 4.5 | |
| 13 | 5.30 | 8.55 | 13.85 | 27.95 | 13.85 | 27.55 | 2 | 2 | 5.0 | 5.5 | |
| 14 | 4.80 | 8.95 | 13.75 | 41.70 | 13.75 | 41.30 | 2 | 2 | 5.0 | 5.5 | |
| 15 | 10.15 | 12.00 | 22.15 | 63.85 | 22.15 | 63.45 | 2 | 2 | 5.0 | 5.5 | |
| 16 | 15.00 | 7.55 | 22.55 | 86.40 | 22.55 | 86.00 | 2 | 2 | 5.0 | 5.0 | |
| 17 | Day off | | 0.00 | 86.40 | 0.00 | 86.00 | | | | | |
| 18 | 9.95 | 9.40 | 19.35 | 105.75 | 19.35 | 105.35 | 2 | 2 | 5.0 | 5.0 | |
| 19 | 13.00 | 11.05 | 24.05 | 129.80 | 24.05 | 129.40 | 2 | 2 | 5.0 | 5.0 | |
| 20 | 8.30 | 9.10 | 17.40 | 147.20 | 17.40 | 146.80 | 2 | 2 | 5.0 | 5.0 | |
| 21 | 9.65 | 9.00 | 18.65 | 165.85 | 18.65 | 165.45 | 2 | 2 | 5.0 | 5.0 | |
| 22 | 14.00 | 7.95 | 21.95 | 187.80 | 21.95 | 187.40 | 2 | 2 | 5.0 | 5.0 | |
| 23 | 17.05 | 3.40 | 20.45 | 208.25 | 20.45 | 207.85 | 2 | 2 | 5.0 | 5.0 | |
| 24 | Day off | | 0.00 | 208.25 | 0.00 | 207.85 | | | | · · · · · | |
| 25 | 8.60 | 18.00 | 26.60 | 234.85 | 26.60 | 234.45 | 2 | 2 | 5.0 | 5.0 | |
| 26 | 13.15 | 3.60 | 16.75 | 251.60 | 16.75 | 251.20 | 2 | 2 | 5.0 | 5.0 | |
| tal | | | | 251.60 | | 251.20 | 27 | 33 | 116.0 | 133.0 | |

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Appendix 1-3 Drilling Progress of MJSU-1

- 2 -

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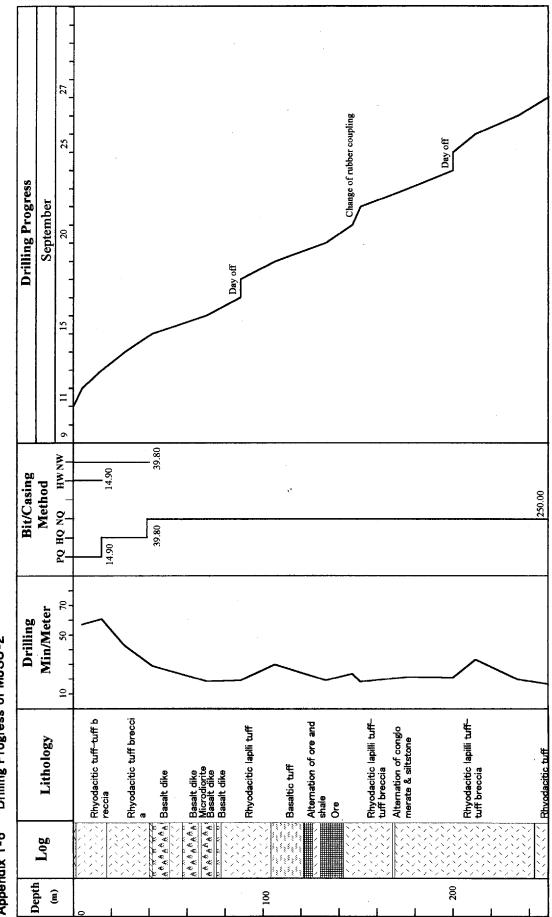
| MJ | SU-2 | | | Surve | Period | | | Total M | an-day |
|---------------------|----------|---------------|----------------|----------|---------------|-----------------|----------|--------------|---------|
| | | Pe | riod | Day | Wor | k Day | Off Day | Engineer | Worker |
| Operation | | | | - | | | | | |
| Preparati | on | Sep. 9, 1999- | Sep. 10, 1999 | 2 | | 1 | 1 | 3.0 | 3.5 |
| Drilling | | Sep. 11, 1999 | -Sep. 27, 1999 | 17 | 15 | | 2 | 73.0 | 76.5 |
| Dismantli | ng | Sep. 27, 19 | 99 | 0 | | 0 | 0 | 0.0 | 0.0 |
| Total | | | | 19 | 1 | 6 | 3 | 76.0 | 80.0 |
| Drilling Len | gth | (m) | | (m) | Core Recov | very of 100m | Hole | | |
| Length Pl | anned | 250.00 | Overburden | 0.00 | Depth of Hole | | Core | Cumulative (| Core |
| increase/ | Decrease | 0.00 | Core Length | 250.00 | | | Recovery | Recovery | |
| in Length | | | | | 6 | m) | 00 | a | 5 |
| Length Dri | lied | 250.00 | Core | 100.00 | 0.00 to 100 | 0.00 | 100.00 | 100 | .00 |
| | | | Recovery(%) | | 100.00 to 2 | 200.00 | 100.00 | 100. | .00 |
| Working Ho | urs | (h) | (%) | (%) | 200.00 to 2 | 250.00 | 100.00 | 100. | .00 |
| Drilling | | 146.2 | 63.0 | 60.9 | | | | | |
| Other Wo | rk | 79.4 | 34.2 | 33.1 | | | | | |
| Recoverin | g | 6.5 | 2.8 | 2.7 | Efficiently o | f Drilling | | . | |
| Subtota | | 232.1 | 100.0 | 96.7 | Total Lengt | h/ | m | day | m/day |
| Preparatio | on . | 8.0 | | 3.3 | D | rilling Period | 250.00 | 16.5 | 15.15 |
| Dismantle | ment | | | 0.0 | Total Lengt | h/ | m | shift | m∕shift |
| Transporta | tion | 0.0 | | 0.0 | Total D | Drilling Shifts | 250.00 | 29.0 | 8.62 |
| Grand T | otal | 240.1 | | 100.0 | Drilling Long | th/Each Bit | (m) | L | |
| Casing Pipe | Inserted | | | | Bit Size | Drilling | Length | Core L | ength |
| Size | Meterage | Meterage/D | rilling Length | Recovery | PQ 14.90 | | 90 | 14.9 | 90 |
| | (m) | × 10 | 0000 | (%) | HQ | 24. | 90 | 24.9 | 90 |
| HW | 14.9 | 6. | 0 | 100.0 | NQ | 210 | .20 | 210. | 20 |
| NW | 39.8 | 15 | .9 | 100.0 | ·' | | | | |

Appendix 1-4 Summary of Drilling Operation of MJSU-2

Appendix 1-5 Record of Drilling Operation of MJSU-2.

| | Drilling | g Length | | Drilling | g Total | | SH | ift | Man Working | | |
|--------|-------------|-----------------|-------|----------|---------|---------|----------|---------|-------------|--------|--|
| Date | Shift 1 | Shift 2 | Dri | ling | Ca | ore | Drilling | Total | Engineer | Worker | |
| | (m) | (m) | (m) | (cum m) | (m) | (cum m) | (Shift) | (Shift) | (man) | (man) | |
| Sep. 9 | Preparation | | | | | | | 1 | 3.0 | 3.5 | |
| 10 | Day off | | | | | | | | | | |
| 11 | 4.70 | | 4.70 | 4.70 | 4.70 | 4.70 | 1 | 1 | 3.0 | 4.5 | |
| 12 | 5.45 | 4.75 | 10.20 | 14.90 | 10.20 | 14.90 | 2 | 2 | 5.0 | 5.5 | |
| 13 | 3.00 | 9.30 | 12.30 | 27.20 | 12.30 | 27.20 | 2 | 2 | 5.0 | 5.5 | |
| 14 | 11.70 | 2.70 | 14.40 | 41.60 | 14.40 | 41.60 | 2 | 2 | 5.0 | 5:5 | |
| 15 | 13.05 | 15.60 | 28.65 | 70.25 | 28.65 | 70.25 | 2 | 2 | 5.0 | 5.5 | |
| 16 | 12.00 | 5.90 | 17.90 | 88.15 | 17.90 | 88.15 | 2 | 2 | 5.0 | 5.0 | |
| 17 | Day off | | 0.00 | 88.15 | 0.00 | 88.15 | | | | | |
| 18 | 7.05 | 11.05 | 18.10 | 106.25 | 18,10 | 106.25 | 2 | 2 | 5.0 | 5.0 | |
| 19 | 12.00 | 14.85 | 26.85 | 133.10 | 26.85 | 133.10 | 2 | 2 | 5.0 | 5.0 | |
| 20 | 11.65 | 2.25 | 13.90 | 147.00 | 13.90 | 147.00 | 2 | 2 | 5.0 | 5.0 | |
| 21 | 0.00 | 4.25 | 4.25 | 151,25 | 4,25 | 151,25 | 2 | 2 | 5.0 | 5.0 | |
| 22 | 10.50 | 14.50 | 25.00 | 176.25 | 25.00 | 176.25 | 2 | 2 | 5.0 | 5.0 | |
| 23 | 14.00 | 9.75 | 23.75 | 200.00 | 23.75 | 200.00 | 2 | 2 | 5.0 | 5.0 | |
| 24 | Day off | | 0.00 | 200.00 | 0.00 | 200.00 | | | | | |
| 25 | 8.25 | 3.60 | 11.85 | 211.85 | 11.85 | 211.85 | 2 | 2 | 5.0 | 5.0 | |
| 26 | 10.00 | 12.30 | 22.30 | 234.15 | 22.30 | 234.15 | 2 | 2 | 5.0 | 5.0 | |
| 27 | 15.85 | Casing take-out | 15.85 | 250.00 | 15,85 | 250.00 | 2 | 2 | 5.0 | 5.0 | |
| otal | | | | 250.00 | | 250.00 | 29 | 30 | 76.0 | 80.0 | |

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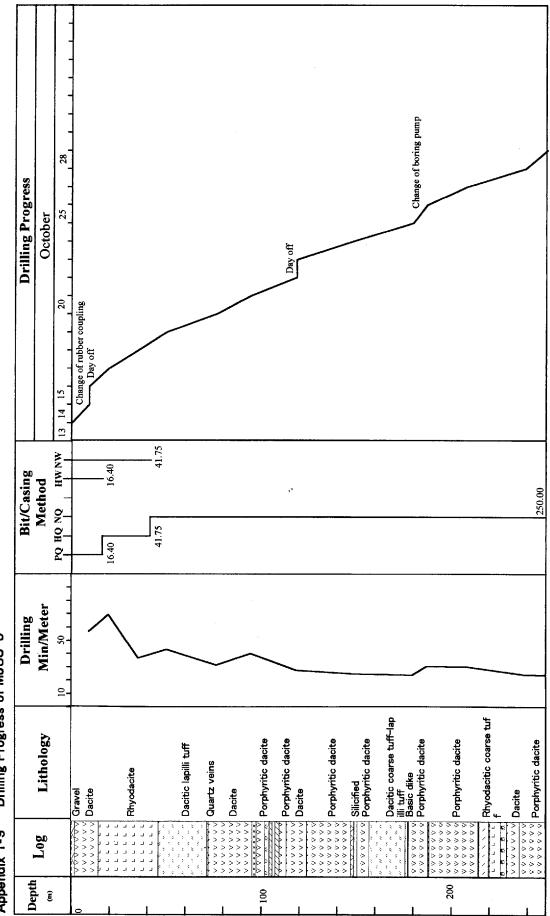
- 4 -

| MJ | SU-3 | | | Surve | Period | | | Total M | lan-day | |
|--------------|----------|----------------|----------------|----------|--------------------------|-----------------|---------|-----------------|---------|--|
| | | Pe | riod | Day | Wor | k Day | Off Day | Engineer | Worker | |
| Operation | | | | | | | | | | |
| Preparatio | on | Oct. 13, 19 | 99 | 1.0 | 1 | .0 | 0.0 | 5.0 | 5.0 | |
| Drilling | | Oct. 14, 1999- | Oct. 28, 1999 | 14.5 | 12,5 | | 2.0 | 65.0 | 65.0 | |
| Dismantlir | ng | Oct. 28, 19 | 99 | 0.0 | 0 | .0 | 0.0 | 0.0 | 0.0 | |
| Total | | _ | | 15,5 | 13 | 3.5 | 2.0 | 70.0 | 70.0 | |
| Drilling Len | gth | (m) | | (m) | Core Recov | very of 100m | Hole | | | |
| Length Pi | anned | 250.00 | Overburden | 0.00 | Depth of H | ole | Core | Cumulative Core | | |
| Increase/ | Decrease | 0.00 | Core Length | 250.00 | 1 | | | Recovery | | |
| in Length | | | | | (m) (%) (%) | | ຄ | | | |
| Length Dri | lled | 250.00 | Core | 100.00 | 0.00 to 100 | 0.00 | 100.00 | 100 | .00 | |
| | | | Recovery(%) | | 100.00 to 2 | 200.00 | 100.00 | 100 | .00 | |
| Working Ho | urs | (h) | (%) | (%) | 200.00 to 2 | 250.00 | 100.00 | 100 | .00 | |
| Drilling | | 134.0 | 61.2 | 59.8 | | | | | | |
| Other Wo | rk | 61.2 | 27.9 | 27.3 | | | | | | |
| Recoverin | g | 23.8 | 10.9 | 10.6 | Efficiently o | f Drilling | | A | | |
| Subtotal | | 219.0 | 100.0 | 97.8 | Total Lengt | h/ | m | day | m/day | |
| Preparatio | n . | 5.0 | | 2.2 | D | rilling Period | 250.00 | 14.5 | 17,24 | |
| Dismantle | ment | | | 0.0 | Total Lengt | h/ | m | shift | m/shift | |
| Transports | ition | 0.0 | | 0.0 | Total D | Drilling Shifts | 250.00 | 25.0 | 10.00 | |
| Grand To | otal | 224.0 | | 100.0 | Drilling Long | th/Each Bit | (m) | | | |
| Casing Pipe | inserted | | | | Bit Size Drilling Length | | Core L | .ength | | |
| Size | Meterage | Meterage/D | rilling Length | Recovery | PQ 16.40 | | 40 | 16.4 | 40 | |
| | (m) | × 11 | 00%) | (%) | HQ 25.35 | | 25. | 35 | | |
| нพ | 16.4 | 6. | 6 | 100.0 | NQ | 208 | .25 | 208. | 25 | |
| NW | 41.8 | 16 | .7 | 100.0 | e. | | | | | |

Appendix 1-7 Summary of Drilling Operation of MJSU-3

Appendix 1-8 Record of Drilling Operation of MJSU-3

| | Drilling | Length | | Daily | Total | | Sh | ift | Man W | orking |
|---------|-------------|-----------------|-------|---------|---------|---------|----------|---------|----------|--------|
| Date | Shift 1 | Shift 2 | Dri | ling | Co | ore - | Drilling | Total | Engineer | Worker |
| | (m) | (m) | (m) | (cum m) | (m) | (cum m) | (Shift) | (Shift) | (man) | (man) |
| Oct. 13 | Preparation | Repairing | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 2 | 5.0 | 5.0 |
| 14 | 3.65 | 5.60 | 9.25 | 9.25 | 9.25 | 9.25 | 2 | 2 | 5.0 | 5.0 |
| 15 | Day off | | 0.00 | 9.25 | 0.00 | 9.25 | | | | |
| 16 | 5.55 | 4.85 | 10.40 | 19.65 | 10.40 | 19.65 | 2 | 2 | 5.0 | 5.0 |
| 17 | 7.75 | 7.85 | 15.60 | 35.25 | 15.60 | 35.25 | 2 | 2 | 5.0 | 5.0 |
| 18 | 6.50 | 8.45 | 14.95 | 50,20 | 14.95 | 50.20 | 2 | 2 | 5.0 | 5.0 |
| 19 | 12.45 | 13.85 | 26.30 | 76.50 | 26.30 | 76.50 | 2 | 2 | 5.0 | 5.0 |
| 20 | 7.80 | 10.20 | 18.00 | 94,50 | 18.00 | 94,50 | 2 | 2 | 5.0 | 5.0 |
| 21 | 15.45 | 8.55 | 24.00 | 118.50 | · 24.00 | 118.50 | 2 | 2 | 5.0 | 5.0 |
| 22 | Day off | | 0.00 | 118.50 | 0.00 | 118.50 | | | | |
| 23 | 10.85 | 19.15 | 30.00 | 148.50 | 30.00 | 148.50 | 2 | 2 | 5.0 | 5.0 |
| 24 | 19.50 | 11.70 | 31.20 | 179.70 | 31,20 | 179.70 | 2 | 2 | 5.0 | 5.0 |
| 25 | 7.35 | Repairing | 7.35 | 187.05 | 7.35 | 187.05 | 1 | 2 | 5.0 | 5.0 |
| 26 | 10.80 | 10.00 | 20.80 | 207.85 | 20.80 | 207.85 | 2 | 2 | 5.0 | 5.0 |
| 27 | 12.65 | 18.25 | 30.90 | 238.75 | 30.90 | 238.75 | 2 | 2 | 5.0 | 5.0 |
| 28 | 11.25 | Casing take-out | 11.25 | 250.00 | 11.25 | 250.00 | 2 | 2 | 5.0 | 5.0 |
| tai | | | | 250.00 | | 250.00 | 25 | 28 | 70.0 | 70.0 |



Appendix 1-9 Drilling Progress of MJSU-3

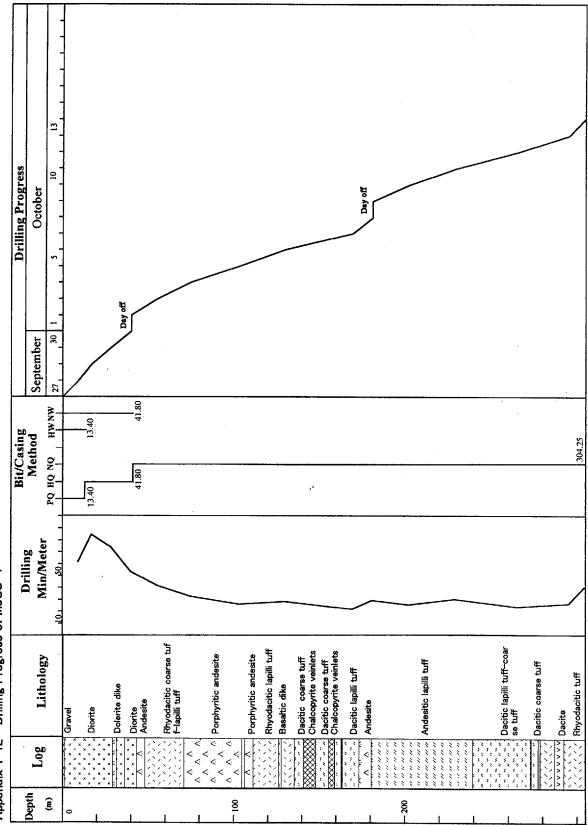
- 6 -

| MJ | SU-4 | | | Survey | /Period | | | Total M | an-day | |
|--------------|----------|---------------|----------------|----------|--------------------------|-----------------|---------|--------------|----------|--|
| | | Pe | riod | Day | Worl | k Day | Off Day | Engineer | Worker | |
| Operation | | | | | | | | | | |
| Preparatio | on | Sep. 27 | | 0.0 | 0 | 0.0 | | 0.0 | 0.0 | |
| Drilling | | Sep. 27, 1999 | Oct. 13, 1999 | 17.0 | 15 | 5.0 | 2.0 | 75.0 | 75.0 | |
| Dismantlin | ng | Oct. 13, 19 | 99 | 0.0 | 0 | .0 | 0.0 | 0.0 | 0.0 | |
| Total | | | | 17.0 | 15 | 5.0 | 2.0 | 75.0 | 75.0 | |
| Drilling Len | gth | (m) | | (m) | Core Recov | very of 100m | Hole | <u></u> | | |
| Length Pl | anned | 250.00 | Overburden | 0.00 | Depth of Ho | ele | Core | Cumulative (| Core | |
| Increase/ | Decrease | 54.25 | Core Length | 302.85 | Recovery | | Recover | | Recovery | |
| in Length | | | | | (m) (%) | | (m) (%) | |) | |
| Length Dri | lled | 304.25 | Core | 99.54 | 0.00 to 100 | 0.00 | 98.60 | 98. | 60 | |
| | | | Recovery(%) | | 100.00 to 2 | 200.00 | 100.00 | 99. | 30 | |
| Working Ho | urs | (h) | (%) | (%) | 200.00 to 3 | 00.00 | 100.00 | 99. | 53 | |
| Drilling | | 168.3 | 71.5 | 70.1 | 200.00 to 3 | 804,25 | 100.00 | 99. | 54 | |
| Other Wo | rk | 62.1 | 26.4 | 25.9 | | | | | | |
| Recoverin | g | 4.9 | 2.1 | 2.0 | Efficiently o | f Drilling | | | | |
| Subtota | | 235.3 | 100.0 | 98.0 | Total Lengt | h/ | m | day | m∕day | |
| Preparatio | on | 4.8 | | 2.0 | D | rilling Period | 304.25 | 17.0 | 17.90 | |
| Dismantle | ment | | | 0.0 | Total Lengt | h/ | m | shift | m/shift | |
| Transporta | ition | 0.0 | | 0.0 | Total D | Drilling Shifts | 304.25 | 30.0 | 10.14 | |
| Grand T | otal | 240.1 | | 100.0 | Drilling Long | th/Each Bit | (m) | | | |
| Casing Pipe | Inserted | | | | Bit Size Drilling Length | | Core L | .ength | | |
| Size | Meterage | Meterage/D | rilling Length | Recovery | y PQ 13.40 | | 13.4 | 10 | | |
| | (m) | × 10 | 00%) | (%) | 06) HQ 28.40 2 | | 27.0 | 00 | | |
| HW | 13.4 | 4. | 4 | 100.0 | NQ | 262 | .45 | 262. | 45 | |
| NW | 41.8 | 13 | .7 | 100.0 | et | | | | | |

Appendix 1-10 Summary of Drilling Operation of MJSU-4

Appendix 1-11 Record of Drilling Operation of MJSU-4

| | Drilling | Length | | Daily | Total | | Sh | ift | Man W | <i>l</i> orking |
|---------|----------|---------------|---------|---------|-------|---------|----------|---------|----------|-----------------|
| Date | Shift 1 | Shift 2 | Dril | ling | Co | ore | Drilling | Total | Engineer | Worker |
| | (m) | (m) | (m) | (cum m) | (m) | (cum m) | (Shift) | (Shift) | (man) | (man) |
| Sep. 27 | 2.50 | 6.55 | 9.05 | 9.05 | 9.05 | 9.05 | 2 | 2 | 5.0 | 5.0 |
| 28 | 4.00 | 3.80 | 7.80 | 16.85 | 7.80 | 16.85 | 2 | 2 | 5.0 | 5.0 |
| 29 | 5.00 | 6.15 | . 11,15 | 28.00 | 11.15 | 28.00 | 2 | 2 | 5.0 | 5.0 |
| 30 | 6.20 | 5.60 | 11.80 | 39.80 | 10.40 | 38.40 | 2 | 2 | 5.0 | 5.0 |
| Oct, 1 | Day off | | 0.00 | 39.80 | 0.00 | 38.40 | | | | |
| 2 | 3.35 | 12.15 | 15.50 | 55.30 | 15.50 | 53.90 | 2 | 2 | 5.0 | 5.0 |
| 3 | 12,85 | 6.70 | 19.55 | 74.85 | 19.55 | 73.45 | 2 | 2 | 5.0 | 5.0 |
| 4 | 11,45 | 17. 00 | 28.45 | 103.30 | 28.45 | 101.90 | 2 | 2 | 5.0 | 5,0 |
| 5 | 16.00 | 10.50 | 26.50 | 129.80 | 26.50 | 128.40 | 2 | 2 | 5.0 | 5.0 |
| 6 | 18.50 | 21.00 | 39.50 | 169.30 | 39.50 | 167.90 | 2 | 2 | 5.0 | 5.0 |
| 7 | 5.45 | 6.20 | 11.65 | 180.95 | 11.65 | 179.55 | 2 | 2 | 5.0 | 5.0 |
| 8 | Day off | | 0.00 | 180.95 | 0.00 | 179.55 | | | | |
| 9 | 9.30 | 12.05 | 21.35 | 202.30 | 21.35 | 200.90 | 2 | 2 | 5.0 | 5.0 |
| 10 | 12.85 | 13.65 | 26.50 | 228.80 | 26.50 | 227.40 | 2 | 2 | 5.0 | 5.0 |
| 11 | 17.00 | 19,20 | 36.20 | 265.00 | 36.20 | 263.60 | 2 | 2 | 5.0 | 5.0 |
| 12 | 18.30 | 11.75 | 30.05 | 295.05 | 30.05 | 293.65 | 2 | 2 | 5.0 | 5.0 |
| 13 | 8.10 | 1.10 | 9.20 | 304.25 | 9.20 | 302.85 | 2 | 2 | 5.0 | 5,0 |
| otal | | | | 304,25 | | 302.85 | 30 | 30 | 75.0 | 75.0 |



Appendix 1-12 Drilling Progress of MJSU-4

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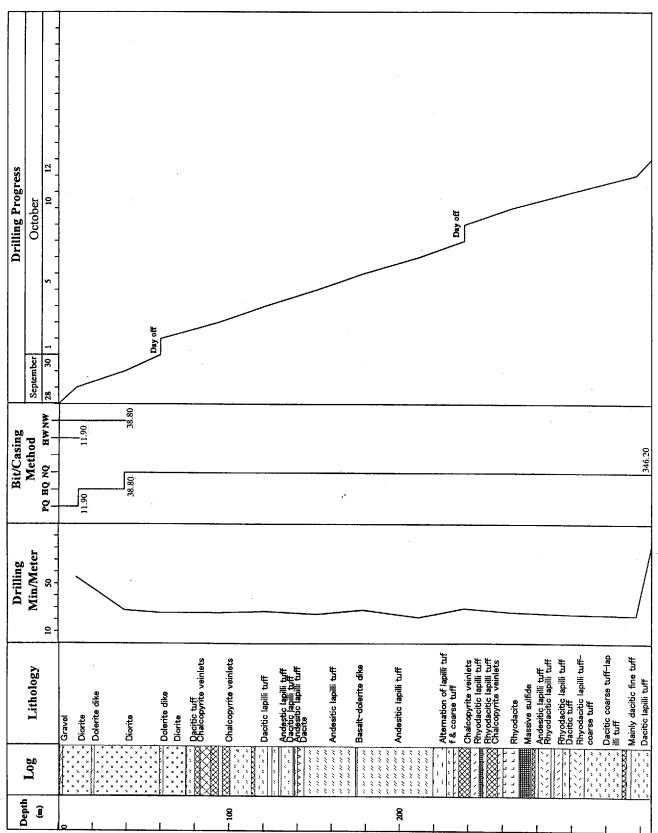
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| MJ | SU-5 | | | Survey | y Period | | | Total M | an-day |
|--------------|---------------|---------------|----------------|-----------------|--------------------------|-----------------------|---------|---------------------------------------|---------|
| Operation | | Pe | riod | Day | Wor | k Day | Off Day | Engineer | Worker |
| Preparatio | on | Sep. 28, 19 | 99 | 0.0 | 0 | .0 | 0.0 | 0.0 | 0.0 |
| Drilling | | Sep. 28, 1999 | -Oct. 12, 1999 | 15.0 | 1: | 13.0 | | 65.0 | 65.0 |
| Dismantli | ng | Oct. 12, 19 | 39 | 0.0 | 0 | .0 | 0.0 | 0.0 | 0.0 |
| Total | | 1 | | 15.0 | 1: | 3.0 | 2.0 | 65.0 | 65.0 |
| Drilling Lon | gth | (m) | | (m) | Core Recov | very of 1 00 m | Hole | · · · · · · · · · · · · · · · · · · · | |
| Length Pl | anned | 250.00 | Overburden | Overburden 0.00 | | ole | Core | Cumulative (| Core |
| Increase/ | Decrease | 96.20 | Core Length | 346.20 | | | | Recovery | |
| in Length | Length | | _ | | 0 | m) | 00 | 00 | |
| Length Dri | ength Drilled | | Core | 100.00 | 0.00 to 100.00 | | 100.00 | 100. | 00 |
| | | | Recovery(%) | | 100.00 to 2 | 200.00 | 100.00 | 100. | 00 |
| Working Ho | urs | (h) | (%) | (%) | 200.00 to 3 | 300.00 | 100.00 | 100. | 00 |
| Drilling | | 160.6 | 78.9 | 77.2 | 200.00 to 3 | 46.20 | 100.00 | 100. | 00 |
| Other Wo | rk | 42.0 | 20.6 | 20,2 | | | | | |
| Recoverin | g | 1.0 | 0.5 | 0.5 | Efficiently o | f Drilling | | | |
| Subtotal | | 203.6 | 100.0 | 97.8 | Total Lengt | h/ | m | day | m/day |
| Preparatio | n | 4.5 | | 2.2 | ם | rilling Period | 346.20 | 15.0 | 23.08 |
| Dismantle | ment | | | 0.0 | Total Lengt | h/ | m | shift | m/shift |
| Transporta | ition | 0.0 | | 0.0 | Total D | Drilling Shifts | 346.20 | 26.0 | 13.32 |
| Grand To | otal | 208.1 | | 100.0 | Drilling Long | gth/Each Bit | (m) | | |
| Casing Pipe | Inserted | | | | Bit Size Drilling Length | | Core L | ength | |
| Size | Meterage | Meterage/D | rilling Length | Recovery | / PQ 11.90 | | 90 | 11.90 | |
| | (m) | × 10 | 00%) | (%) | HQ 26.90 | | 26.90 | | |
| HW | 11.9 | 3. | 4 | 100.0 | NQ | 307 | .40 | 307. | 40 |
| NW | 38.8 | 11 | 2 | 100.0 | r, t | | | | |

Appendix 1-13 Summary of Drilling Operation of MJSU-5

Appendix 1-14 Record of Drilling Operation of MJSU-5

| | Drilling | g Length | | Daily | Total | | Sh | ift | Man W | orking |
|---------|----------|-----------------|-------|---------|-------|---------|----------|---------|----------|--------|
| Date | Shift 1 | Shift 2 | Dril | ling | Co | ore | Drilling | Total | Engineer | Worker |
| | (m) | (m) | (m) | (cum m) | (m) | (cum m) | (Shift) | (Shift) | (man) | (man) |
| Sep. 28 | 3.40 | 7.15 | 10.55 | 10.55 | 10.55 | 10.55 | 2 | 2 | 5.0 | 5.0 |
| 29 | 7.90 | 20.35 | 28.25 | 38.80 | 28,25 | 38.80 | 2 | 2 | 5.0 | 5.0 |
| 30 | 8.60 | 12.60 | 21.20 | 60.00 | 21,20 | 60.00 | 2 | 2 | 5.0 | 5.0 |
| Oct. 1 | Day off | | 0.00 | 60.00 | 0.00 | 60.00 | | | | |
| 2 | 18.65 | 15.55 | 34.20 | 94.20 | 34,20 | 94.20 | 2 | 2 | 5.0 | 5.0 |
| 3 | 14.00 | 13.00 | 27.00 | 121.20 | 27.00 | 121.20 | 2 | 2 | 5.0 | 5.0 |
| 4 | 18.00 | 12.20 | 30.20 | 151.40 | 30.20 | 151.40 | 2 | 2 | 5.0 | 5.0 |
| - 5 | 13.80 | 13.00 | 26.80 | 178.20 | 26.80 | 178.20 | 2 | 2 | 5.0 | 5.0 |
| 6 | 17.45 | 15.35 | 32.80 | 211.00 | 32.80 | 211.00 | 2 | 2 | 5.0 | 5.0 |
| 7 | 12.20 | 14.30 | 26.50 | 237.50 | 26.50 | 237.50 | 2 | 2 | 5.0 | 5.0 |
| 8 | Day off | | 0.00 | 237.50 | 0.00 | 237.50 | | | | |
| 9 | 18.50 | 9.05 | 27.55 | 265.05 | 27.55 | 265.05 | 2 | 2 | 5.0 | 5.0 |
| 10 | 13.45 | 21.55 | 35.00 | 300.05 | 35.00 | 300.05 | 2 | 2 | 5.0 | 5.0 |
| 11 | 19.15 | 18.00 | 37.15 | 337.20 | 37.15 | 337.20 | 2 | 2 | 5.0 | 5.0 |
| 12 | 9.00 | Casing take-out | 9.00 | 346.20 | 9.00 | 346.20 | 2 | 2 | 5.0 | 5.0 |
| otal | | 1 1 | | 346.20 | | 346.20 | 26 | 26 | 65.0 | 65.0 |





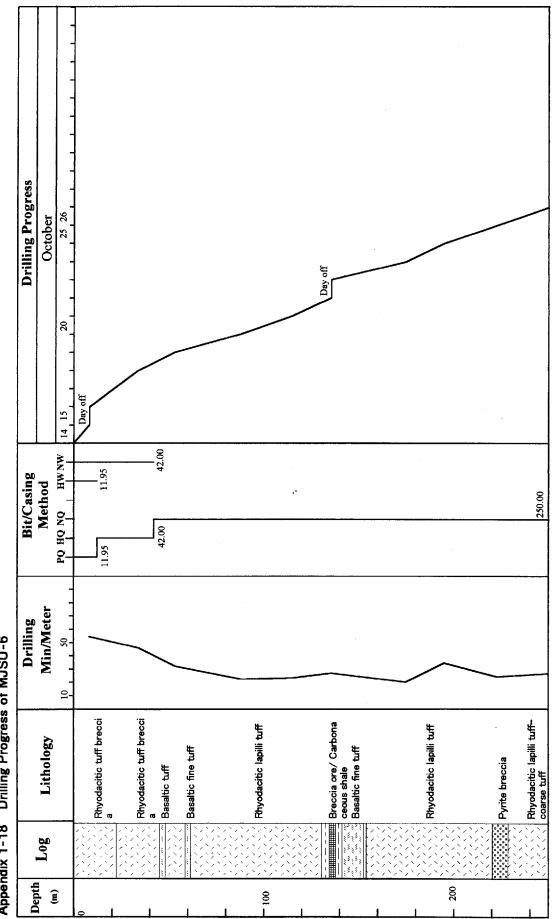
| MJ | SU-6 | | | Surve | y Period | | | Total M | an-day | |
|--------------|---------------------------------------|--------------|----------------|----------|----------------|-----------------------|-------------|--------------|---------|--|
| | | Pe | riod | Day | Wor | k Day | Off Day | Engineer | Worker | |
| Operation | | | | | | | | - | | |
| Preparati | on | Oct. 14, 19 | 99 | 0.0 | 0 | 0,0 | 0.0 | 0.0 | 0.0 | |
| Drilling | | Oct 14, 1999 | Oct. 26, 1999 | 13.0 | 1. | 1.0 | 2.0 | 55.0 | 55.0 | |
| Dismantli | ng | Oct. 26, 19 | 99 | 0.0 | 0 | 0.0 | | 0.0 | 0.0 | |
| Total | ··· · · · · · · · · · · · · · · · · · | | | 13.0 | 1. | 1.0 | 55.0 | 55.0 | | |
| Drilling Len | gth | (m) | | (m) | Core Recov | Core Recovery of 100m | | | | |
| Length Pi | anned | 250.00 | Overburden | 0.00 | Depth of Hole | | Core | Cumulative (| Соге | |
| Increase/ | Decrease | 0.00 | Core Length | 250.00 | | | Recovery | Recovery | | |
| in Length | | | | | 6 | m) | (%) | a | 5 | |
| Length Dri | led | 250.00 | Core | 100.00 | 0.00 to 100 | 0.00 | 100.00 | 100 | .00 | |
| | | | Recovery(%) | | 100.00 to 2 | 200.00 | 0.00 100.00 | | 0.00 | |
| Working Ho | urs | (h) | (%) | (%) | 200.00 to 2 | 250.0 | 100.00 | 100 | 00 | |
| Drilling | | 119.5 | 69.9 | 67.9 | | | | | | |
| Other Wo | rk | 47.0 | 27.5 | 26.7 | | | | | | |
| Recoverin | g | 4.5 | 2.6 | 2.6 | Efficiently o | f Drilling | • | | | |
| Subtotal | | 171.0 | 100.0 | 97.2 | Total Lengt | h/ | m | day | m/day | |
| Preparatio | on | 5.0 | | 2.8 | D | rilling Period | 250.00 | 13.0 | 19.23 | |
| Dismantle | ment | 0.0 | | 0.0 | Total Lengt | h/ | m | shift | m∕shift | |
| Transporta | ition | 0.0 | | 0.0 | Total D | Drilling Shifts | 250.00 | 22.0 | 11.36 | |
| Grand T | otal | 176.0 | | 100.0 | Drilling Long | th/Each Bit | (m) | L | | |
| Casing Pipe | Inserted | | | | Bit Size | Drilling | Length | Core L | ength | |
| Size | Meterage | Meterage/D | rilling Length | Recovery | PQ 11. | | 95 | 11.9 | 5 | |
| | (m) | × 10 | 00%) | (%) | HQ 30.0 | | 05 | 30.0 | 5 | |
| н₩ | 12.0 | 4. | 8 | 100.0 | NQ | 208 | .00 | 208.00 | | |
| NW | 42.0 | 16 | .8 | 100.0 | e ¹ | 1 | | | | |

Appendix 1-16 Summary of Drilling Operation of MJSU-6

Appendix 1-17 Record of Drilling Operation of MJSU-6

| | Drilling | Length | | Daily | Total | | Sh | ift | Man W | orking |
|---------|----------|---------|-------|---------|-------|---------|----------|---------|----------|--------|
| Date | Shift 1 | Shift 2 | Dril | ling | Co | ore | Drilling | Total | Engineer | Worker |
| | (m) | (m) | (m) | (cum m) | (m) | (cum m) | (Shift) | (Shift) | (man) | (man) |
| Oct. 14 | 3.45 | 4.80 | 8.25 | 8.25 | 8.25 | 8.25 | 2 | 2 | 5.0 | 5.0 |
| 15 | Day off | | 0.00 | 8.25 | 0.00 | 8,25 | | | | |
| 16 | 5.50 | 7,35 | 12.85 | 21.10 | 12.85 | 21.10 | 2 | 2 | 5.0 | 5.0 |
| 17 | 7.05 | 6.00 | 13.05 | 34.15 | 13.05 | 34.15 | 2 | 2 | 5.0 | 5.0 |
| 18 | 7.85 | 11.30 | 19.15 | 53.30 | 19.15 | 53.30 | 2 | 2 | 5.0 | 5.0 |
| 19 | 19.60 | 15.10 | 34.70 | 88.00 | 34.70 | 88.00 | 2 | 2 | 5.0 | 5.0 |
| 20 | 18.00 | 9.15 | 27.15 | 115.15 | 27.15 | 115.15 | 2 | 2 | 5.0 | 5,0 |
| 21 | 11.85 | 8.75 | 20.60 | 135,75 | 20.60 | 135.75 | 2 | 2 | 5.0 | 5.0 |
| 22 | Day off | | 0.00 | 135,75 | 0.00 | 135.75 | | | | |
| 23 | 22.75 | 16.30 | 39.05 | 174.80 | 39.05 | 174.80 | 2 | 2 | 5.0 | 5.0 |
| 24 | 10.20 | 10.15 | 20.35 | 195.15 | 20.35 | 195.15 | 2 | 2 | 5.0 | 5.0 |
| 25 | 9.85 | 18.00 | 27.85 | 223.00 | 27.85 | 223.00 | 2 | 2 | 5.0 | 5.0 |
| 26 | 16.50 | 10.50 | 27.00 | 250.00 | 27.00 | 250.00 | 2 | 2 | 5.0 | 5.0 |
| otal | | | | 250,00 | | 250.00 | 22 | 22 | 55.0 | 55.0 |

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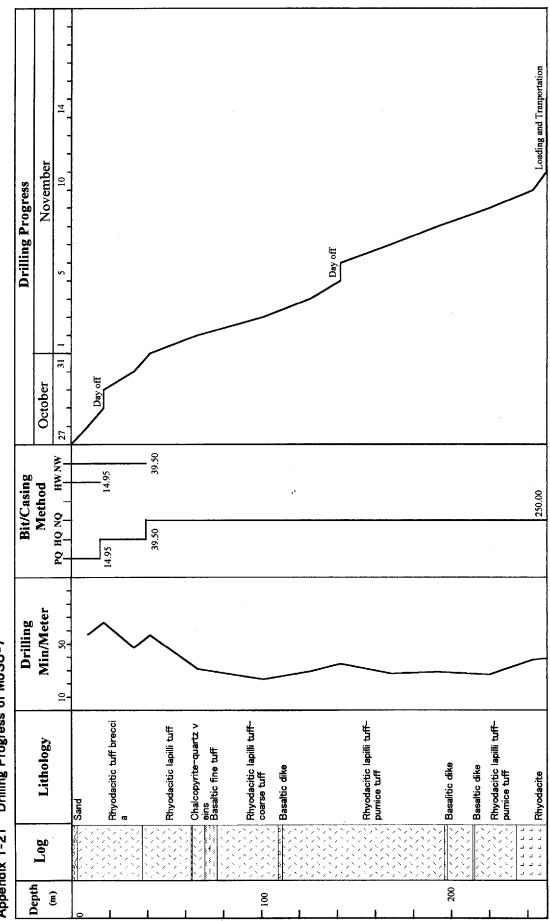
Appendix 1-18 Drilling Progress of MJSU-6

| MJ | SU-6 | | | Surve | y Period | | | Total N | lan-day | |
|----------------------|--------------|----------------|----------------|----------|----------------------------|-----------------|----------|------------|---------------------------------------|--|
| | | Pe | riod | Day | Wor | k Day | Off Day | Engineer | Worker | |
| Operation | | | | | | | | | | |
| Preparati | on | Oct. 27, 19 | 99 | 0.0 | 0 | .0 | 0.0 | 0.0 | 0.0 | |
| Drilling | | Oct. 27, 1999- | Sep. 10, 1999 | 15.0 | 1: | 3.0 | 2.0 | 70.0 | 70.0 | |
| Dismantli | ng/Transport | Sep. 11, 1999 | - Sep.14, 1999 | 4.0 | 3 | .0 | 1.0 | 10.0 | 10.0 | |
| Total | | | | 19.0 | 10 | 5.0 | 3.0 | 80.0 | 80.0 | |
| Drilling Ler | igth | (m) | | (m) | Core Recovery of 100m Hole | | Hole | · | · · · · · · · · · · · · · · · · · · · | |
| Length Pl | anned | 250.00 | Overburden | 0.00 | Depth of Hole C | | Core | Cumulative | Core | |
| Increase/ | Decrease | 0.00 | Core Length | 249.65 | | | Recovery | Recovery | | |
| in Length | | | | | (m) | | (%) | | (%) | |
| Length Dri | belli | 250.00 | Core | 99.86 | 0.00 to 100.00 | | 99.65 | 99.65 | | |
| | | | Recovery(%) | | 100.00 to 200.00 | | 100.00 | 99. | 83 | |
| Working Ha | urs | (h) | (%) | (%) | 200.00 to 250.0 | | 100.00 | 99. | 86 | |
| Drilling | | 140.8 | 68.6 | 60.7 | | | | | | |
| Other Wo | rk | 64.3 | 31.4 | 27.7 | | | | | | |
| Recoverir | g | 0.0 | 0.0 | 0.0 | Efficiently o | f Drilling | | ****** | | |
| Subtota | | 205.1 | 100.0 | 88.4 | Total Lengt | h/ | m | day | m/day | |
| Preparatio | on | 3.0 | | 1.3 | D | rilling Period | 250.00 | 15.0 | 16.67 | |
| Dismantle | ment | 24.0 | | 10.3 | Total Lengt | h/ | m | shift | m∕shift | |
| Transporta | ition | 0.0 | | 0.0 | Total D | Drilling Shifts | 250.00 | 26.0 | 9.62 | |
| Grand T | otal | 232.1 | | 100.0 | Drilling Long | th/Each Bit(| (m) | | | |
| Casing Pipe Inserted | | | Bit Size | Drilling | Length | Core L | ength | | | |
| Size | Meterage | Meterage/D | rilling Length | Recovery | PQ | 14. | 95 | 14.9 | 95 | |
| | (m) | ×10 | 00%) | (%) | HQ | 24. | 55 | 24.2 | 20 | |
| -w | 15.0 | 6. | 0 | 100.0 | NQ | 210 | .50 | 210. | 50 | |
| W | 39.5 | 15 | .8 | 100.0 | r, | | | | | |

Appendix 1-19 Summary of Drilling Operation of MJSU-7

Appendix 1-20 Record of Drilling Operation of MJSU-7

| | Drilling | g Length | | Daily | Total | | Sh | ift | Man W | orking |
|---------|-------------|-----------------|-------|---------|-------|---------|----------|---------|----------|--------|
| Date | Shift 1 | Shift 2 | Dril | lling | Co | ore | Drilling | Total | Engineer | Worker |
| | (m) | (m) | (m) | (cum m) | (m) | (cum m) | (Shift) | (Shift) | (man) | (man) |
| Oct, 27 | 1.60 | 7.10 | 8.70 | 8.70 | 8.70 | 8.70 | 2 | 2 | 5.0 | 5.0 |
| 28 | 5.55 | 2.85 | 8.40 | 17.10 | 8.05 | 16.75 | 2 | 2 | 5.0 | 5.0 |
| 29 | Day off | | 0.00 | 17.10 | 0.00 | 16.75 | | | | |
| 30 | 8.00 | 7.95 | 15.95 | 33.05 | 15.95 | 32.70 | 2 | 2 | 5.0 | 5.0 |
| 31 | 6.45 | 2,05 | 8.50 | 41.55 | 8.50 | 41.20 | 2 | 2 | 5.0 | 5.0 |
| Nov. 1 | 14.95 | 10.05 | 25.00 | 66.55 | 25.00 | 66.20 | 2 | 2 | 5.0 | 5.0 |
| 2 | 19.45 | 15.20 | 34.65 | 101.20 | 34.65 | 100.85 | 2 | 2 | 5.0 | 5.0 |
| . 3 | 15.80 | 8.85 | 24.65 | 125.85 | 24.65 | 125.50 | 2 | 2 | 5.0 | 5.0 |
| 4 | 10.05 | 5.95 | 16.00 | 141.85 | 16.00 | 141.50 | 2 | 2 | 5.0 | 5.0 |
| 5 | Day off | | 0.00 | 141.85 | 0.00 | 141.50 | | | | |
| 6 | 13.65 | 13.00 | 26.65 | 168.50 | 26.65 | 168.15 | 2 | 2 | 5.0 | 5.0 |
| 7 | 12.50 | 12.00 | 24.50 | 193.00 | 24.50 | 192,65 | 2 | 2 | 5.0 | 5.0 |
| 8 | 13.00 | 14.00 | 27.00 | 220.00 | 27.00 | 219.65 | 2 | 2 | 5.0 | 5.0 |
| 9 | 12.00 | 11.05 | 23.05 | 243.05 | 23.05 | 242.70 | 2 | 2 | 5.0 | 5.0 |
| 10 | 6.95 | Casing take-out | 6.95 | 250.00 | 6.95 | 249.65 | 2 | 2 | 5.0 | 5.0 |
| 11 | Loading | | | | | | | 1 | 5.0 | 5.0 |
| . 12 | Day off | | | | | | | | | 0,0 |
| 13 | Loading | | | - | | | | 1 | 5.0 | 5.0 |
| 1.4 | Transportat | ion | | - | | | | 1 | 5.0 | 5.0 |
| otal | | | | 250.00 | | 249.65 | 26 | 29 | 80.0 | 80.0 |



Appendix 1-21 Drilling Progress of MJSU-7

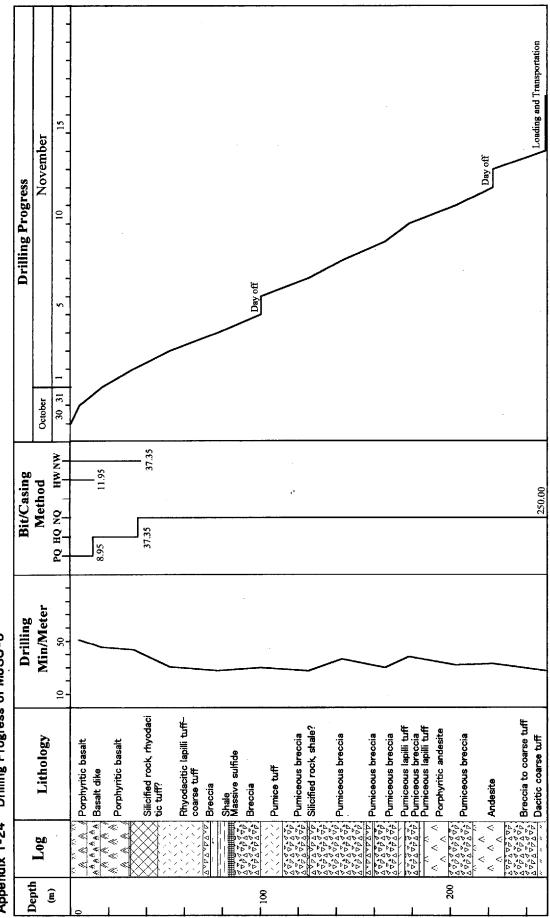
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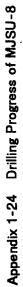
| MJ | SU-6 | | | Surve | y Period | | | Total M | an-day |
|--------------|------------------|---------------------------------------|----------------|----------|--------------------|-----------------|--------------|--------------|------------|
| Operation | | Period | | Day | Wor | k Day | Off Day | Engineer | Worker |
| Preparati | on | Oct. 29, 19 | 00 | 15 | | 5 | 1.0 | | |
| Drilling | | · · · · · · · · · · · · · · · · · · · | -Sep. 13, 1999 | 145 | | 35 | | 2,5 | 2! |
| | /Transportation | | | 3.0 | | 1.0 | 1.0 0.0 | 62.5 15.0 | 62. |
| Total | | | | 19.0 | | 7.0 | 2.0 | 80.0 | 15. 80. |
| Drilling Ler | igth | (m) | 1 | (m) | + | very of 100m | L, | 00.0 | 00,0 |
| Length P | anned | 250.00 | Overburden | 0.00 | Depth of Hole Core | | Cumulative (| Core | |
| ncrease/ | Decrease | 0.00 | Core Length | 249.40 | I | | Recovery | Recovery | 2018 |
| in Length | | | | | | m) | C6) | os (| 3 |
| Length Dr | illed | 250.00 | Core | 99.76 | 0.00 to 100.00 | | 99.40 | 99.40 | |
| | | | Recovery(%) | | 100.00 to 200.00 | | 100.00 | 99.7 | |
| Working Ho | urs | (h) | (%) | 06) | 200.00 to 250.0 | | 100.00 | 99.7 | - |
| Drilling | | 135.8 | 61.7 | 56.6 | | | | | |
| Other Wo | rk | 83,3 | 37.8 | 34,7 | | | | | · |
| Recoverir | g | 1.0 | 0.5 | 0.4 | Efficiently o | f Drilling | | | |
| Subtota | | 220.1 | 100.0 | 91.7 | Total Lengt | h/ | m | day | m/dav |
| Preparatio | on | 4.0 | | 1,7 | - | rilling Period | 250.00 | 14.5 | 17.24 |
| Dismantlemen | t/Transportation | 16.0 | | 6.7 | Total Lengt | h/ | m | shift | m/shift |
| | | | | | Total C | Drilling Shifts | 250.00 | 27.0 | 9.26 |
| Grand T | otal | 240.1 | | 100.0 | Drilling Long | th/Each Bit(| m) | <u>_</u> | |
| Casing Pipe | Inserted | | | | Bit Size | Drilling | Length | Core L | ength |
| Size | Meterage | Meterage/D | rilling Length | Recovery | PQ | 8.9 | 5 | 8.9 | 5 |
| | (m) | ×10 | 0(%) | (%) | HQ | 28.4 | 40 | 27.8 | 0 |
| -IW | 12.0 | 4. | 8 | 100.0 | NQ | 212 | .65 | 211.0 | 65 |
| W | 37.4 | 14 | .9 | 100.0 | e) | | | | |

Appendix 1-22 Summary of Drilling Operation of MJSU-8

Appendix 1-23 Record of Drilling Operation of MJSU-8

| | Drilling | z Length | | Daily | Total | | Sh | ift | Man W | orking |
|--------|-----------------|-----------------|-------|---------|-------|---------|----------|---------|----------|--------|
| Date | Shift 1 | Shift 2 | Dril | ling | Co | ore | Drilling | Total | Engineer | Worker |
| | (m) | (m) | (m) | (cum m) | (m) | (cum m) | (Shift) | (Shift) | (man) | (man) |
| Oct. 2 | 9 Day off | | | | | | | | | |
| 30 | Preparation | 4.70 | 4.70 | 4.70 | 4.70 | 4.70 | 1 | 2 | 5.0 | 5. |
| 31 | 6,55 | 5.40 | 11,95 | 16.65 | 11.35 | 16.05 | 2 | 2 | 5.0 | 5. |
| Sep. | 1 8.35 | 8.25 | 16.60 | 33,25 | 16.60 | 32.65 | 2 | 2 | 5.0 | 5. |
| 2 | 4.10 | 15.05 | 19.15 | 52.40 | 19.15 | 51.80 | 2 | 2 | 5.0 | 5. |
| 3 | 18.00 | 7.40 | 25.40 | 77.80 | 25.40 | 77.20 | 2 | 2 | 5.0 | 5, |
| 4 | 13.60 | 9.00 | 22.60 | 100.40 | 22.60 | 99.80 | 2 | 2 | 5.0 | 5. |
| 5 | Day off | | 0.00 | 100.40 | | 99.80 | | | | |
| 6 | 10.60 | 14.55 | 25,15 | 125.55 | 25,15 | 124,95 | 2 | 2 | 5.0 | 5. |
| 7 | 7.70 | 10.05 | 17,75 | 143.30 | 17.75 | 142.70 | 2 | 2 | 5.0 | 5. |
| 8 | 11.10 | 11.40 | 22.50 | 165.80 | 22.50 | 165.20 | 2 | 2 | 5.0 | 5. |
| 9 | 5.50 | 7.10 | 12,60 | 178.40 | 12.60 | 177.80 | 2 | 2 | 5.0 | 5. |
| 10 | 15.00 | 9.50 | 24,50 | 202.90 | 24.50 | 202,30 | 2 | 2 | 5.0 | 5,0 |
| 11 | 9.50 | 10.10 | 19.60 | 222.50 | 19.60 | 221,90 | 2 | 2 | 5.0 | 5. |
| 12 | Day off | | 0.00 | 222.50 | | 221.90 | | | | |
| 13 | 7.70 | 19.80 | 27.50 | 250.00 | 27.50 | 249.40 | 2 | 2 | 5.0 | 5.0 |
| 14 | Casing take-out | Casing take-out | | | | | 2 | 2 | 5.0 | 5.0 |
| 15 | Loading | | | | | | | 1 | 5.0 | 5.0 |
| 16 | Transportati | ion | | | | | | 1 | 5.0 | 5.0 |
| tal | | | | 250.00 | | 249,40 | 27 | 30 | 80.0 | 80.0 |





-16-

.

| ltem | Size | Bit No. | T | | | Drilling I | Meterage/ | Each Bit | | | Total (m) |
|-------------|------|----------------------|---------------------------------------|------------------------|--------|------------|-----------|----------|--------|--------|------------------------|
| | | | MJSU-1 | MJSU-4 | MJSU-6 | | MJSU-2 | | MJSU-3 | MJSU-8 | |
| | | #162468 | 10.30 | | | | | | | | 10.30 |
| | | #5557-2 | 1.60 | 9.05 | 4.80 | | | | | | 15,45 |
| | | #162469 | · · · · · · · · · · · · · · · · · · · | 4.35 | 3.45 | | | | | | 7.80 |
| | | #845581 | | | 3.70 | | | | | | 3.70 |
| | | #845579 | | | | 1.60 | | | | | 1.60 |
| | 80 | #843664 | | | | 8.60 | | | | | 8.60 |
| | PQ | #162465 | | | | 4.75 | | | | | 4.75 |
| | | #5557-3 | | | | | 14.90 | 11.90 | 12.75 | 7.45 | 47.00 |
| | | #843657 | | | | | | | 3.65 | 1.50 | 5.15 |
| | | Subtotal | 11.90 | 13.40 | 11.95 | 14.95 | 14.90 | 11.90 | 16.40 | 8.95 | 104.35 |
| | | Average | | | | | 11.00 | 11,00 | 10.40 | 0.00 | 11.59 |
| | | #9283361 | 20.85 | 14.05 | | | | | | | 34.90 |
| | | #9283405 | | 4.30 | | | | | | | 4.30 |
| | | #845581 | | 3.45 | | | | | | | 3.45 |
| | | #81588 | | 6.60 | 2.95 | | | | | | 9.55 |
| | | #9283398 | | | 27.10 | 0.55 | | | | | 27.65 |
| | | #83341 | | | | 9.55 | | | | | 9.55 |
| | HQ | #18773 | | | | 14.45 | | | | | 14.45 |
| 1 | | #9283401 | | | | | 24.90 | 26.90 | 25.35 | 17.10 | 94.25 |
| | | #83535 | | | | | | | | 11.30 | 11.30 |
| | | | | | | | | | | | |
| | | Subtotal | 20.85 | 28.40 | 30.05 | 24.55 | 24.90 | 26.90 | 25.35 | 28.40 | 209.40 |
| - | | Average | 07.00 | 0.70 | | | | | | | 23.27 |
| | | #9284332 | 97.20 | 6.70 | | | | | | | 103.90 |
| | | #8459261 #9284330 | 11.05 | | | | | | | | 11.05 |
| Diamond Bit | | #9204330 | 45.00 65.60 | - 26.25 | | | | | | | 45.00 |
| | | #8459222 | 05.00 | <u>26.35</u> 115.40 | | | | | | | 91.95 |
| | | #8459263 | | 104.80 | | | | | | | 115.40 |
| | | #9284224 | | 9.20 | 93.60 | 77.50 | | | | | 104.80 |
| | | #8459227 | | <u>9.20</u> | 52.10 | | | | | | <u>180.30</u> 52.10 |
| | | #186532 | | f | 8.30 | 31.20 | | | | | 39.50 |
| 1 | | #8459256 | | | 54.00 | 01.20 | | | | 2.95 | 56.95 |
| | | #9284763 | | | 07.00 | 24.85 | | | | 36.20 | 61.05 |
| | | #186544 | | | | 76.95 | | | | 00.20 | 76.95 |
| | | #9284335 | | | | | 55.40 | 26.80 | | | 82.20 |
| | | #8459262 | | | | | 20.50 | 20.00 | | | 20.50 |
| 1 | | #845976 | | | | | 38.50 | | | | 38.50 |
| | NQ | #9284334 | | | | | 57.65 | 24.90 | | | 82.55 |
| | | #8459259 | | | | | 38.15 | 24.00 | | | 38.15 |
| 1 | | #9284709 | | | | | | 76.00 | | | 76.00 |
| | | #9284331 | | | | | | 11.70 | | | 11.70 |
| | | #8459257 | | | | | | 77.80 | | | 77.80 |
| | | #9284208 | | | | | | 81.20 | 87.60 | | 168.80 |
| | | #9284268 | | · · · · · · | | | | 9.00 | 01.00 | | 9.00 |
| | | #9284225 | | | | | | 0.00 | 78.50 | | 78.50 |
| | | #9284717 | | | | | | | 42.15 | 69.85 | 112.00 |
| | | #9284329 | | | | | | | | 22,95 | 22.95 |
| | | #186531 | | | | | | | | 35.65 | 35.65 |
| | | #186547 | | T | | | | | | 20.00 | 20.00 |
| | | #8459192 | | | | | | | | 25.05 | 25.05 |
| | | Subtotal | 218.85 | 262.45 | 208.00 | 210.50 | 210.20 | 307.40 | 208.25 | 212.65 | 1,838.30 |
| | | Average | | | | | | | | | 65.65 |
| | | Total | 251.60 | 304.25 | 250.00 | 250.00 | 250.00 | 346.20 | 250.00 | 250.00 | 2,152.05 |

Appendix 1-25 Drilling Meterage of Diamond Bit Used

| Appendix | 1-26 | Consumables | Used |
|----------|------|-------------|------|

| | | | | | | Drill H | ole No. | | | | Total |
|--------------------|-------|------|--------|--------|--------|---------|---------|--------|--------|--------|--------|
| Expendable Items | Spec. | Unit | MJSU-1 | MJSU-2 | MJSU-3 | MJSU-4 | MJSU-5 | MJSU-6 | MJSU-7 | MJSU-8 | Amount |
| Diesel Fuel | | I | 1,055 | 1,020 | 1,005 | 1,140 | 1,125 | 990 | 1,115 | 1,100 | 8,550 |
| Gasoline | | 1 | 218 | 211 | 265 | 283 | 233 | 216 | 250 | 285 | 1,961 |
| Hydraulic. Oil | | 1 | 38 | 70 | 40 | 15 | 30 | | 20 | 40 | 253 |
| Engine Oil | | 1 | 48 | 43 | 34 | 39 | 45 | 23 | 45 | 68 | 345 |
| Gear Oil | | 1 | 2 | 7 | 9 | 5 | 9 | 6 | 2 | 6 | 46 |
| Grease | | kg | 4 | 13 | 10 | 8 | 21 | 5 | 3 | 13 | 77 |
| Soda | | kg | | | | | | | | 2 | 2 |
| Polymer GS550 | | kg | 128 | 105 | 123 | 147 | 130 | 115 | 114 | 117 | 979 |
| GS20 | | I | 8 | 35 | | 4 | 34 | | 9 | 4 | 94 |
| Lubtub | | kg | | | | 2 | | | | 9 | 11 |
| Solcut | | I | 89 | 40 | 23 | 45 | 40 | 56 | 76 | 75 | 444 |
| Stop Plus | | kg | | | 6 | | | 3 | 5 | 5 | 19 |
| Bentonite | | kg | 1 | | | | | | | 50 | 50 |
| Diamond Bit | PQ | pcs | | | | | | 1 | | | 1 |
| Diamond Bit | HQ | pcs | | | | 2 | | | 2 | | 4 |
| Diamond Bit | NQ | pcs | 2 | | 2 | 3 | 3 | 3 | 3 | 3 | 19 |
| Reaming Shell | NQ | pcs | 1 | | 1 | 1 | | | 1 | 1 | 5 |
| Core Lifter | HQ | рсв | | | | 3 | 1 | | | | 4 |
| Core Lifter | NQ | pcs | 7 | 1 | | 3 | 5 | 5 | 6 | 9 | 36 |
| Core Lifter Case | HQ | pcs | | | · | 1 | | | | | 1 |
| Core Lifter Case | NQ | pcs | | 1 | | 1 | 2 | | 1 | 3 | 8 |
| Core Barrel | NQ | pcs | | | | 2 | | | | | 2 |
| Outer Tube | NQ | pcs | 1 | | | | | | | | 1 |
| Outer Tube Barrel | HQ | pcs | | | | | | | 1 | | 1 |
| Temperature Gauge | | pcs | 1 | | | | | | | | 1 |
| Oil Pressure Gauge | | pcs. | 1 | | | | | | | | 1 |
| Shaft Off Valve | NQ | pcs | 2 | 1 | | | | | | | 3 |
| Stop Ring | NQ | pcs | 1 | | | | | | | | 1 |
| Adapter Coupling | NQ | pcs | 1 | | 1 | 2 | | 1 | 1 | | 6 |
| Locking Coupling | NQ | pcs | | | 1 | | | 1 | 1 | | 3 |
| Engine Belt | | pcs | 2 | | | | | | | | 2 |
| Barrel Outer | NQ | pcs | | | 1 | | | | | | 1 |
| Stabilizer | NQ | pcs | | | 1 | | | | | | 1 |
| Landing Ring | NQ | pcs | | | 1 | | | | | | 1 |
| Latch Spilling | NQ | pcs | | | 1 | | | | | | 1 |
| Inner Tube Head | NQ | pcs | | | 1 | | | | | | 1 |
| Water Swivel | | pcs | | | | 1 | | | | 1 | 2 |
| Pipe Wrench | | pcs | | | | | 1 | 4 | | | 5 |
| Drill Rod | NQ | pcs | | | | | 1 | | | 1 | 2 |
| Rubber Coupling | | pcs | l | 1 | | 1 | | | | | 2 |

Appendix 1-27 Geological Logs of MJSU-1 to MJSU-8

e,

.

Drill Hole No.: Date Started: Date Completed:

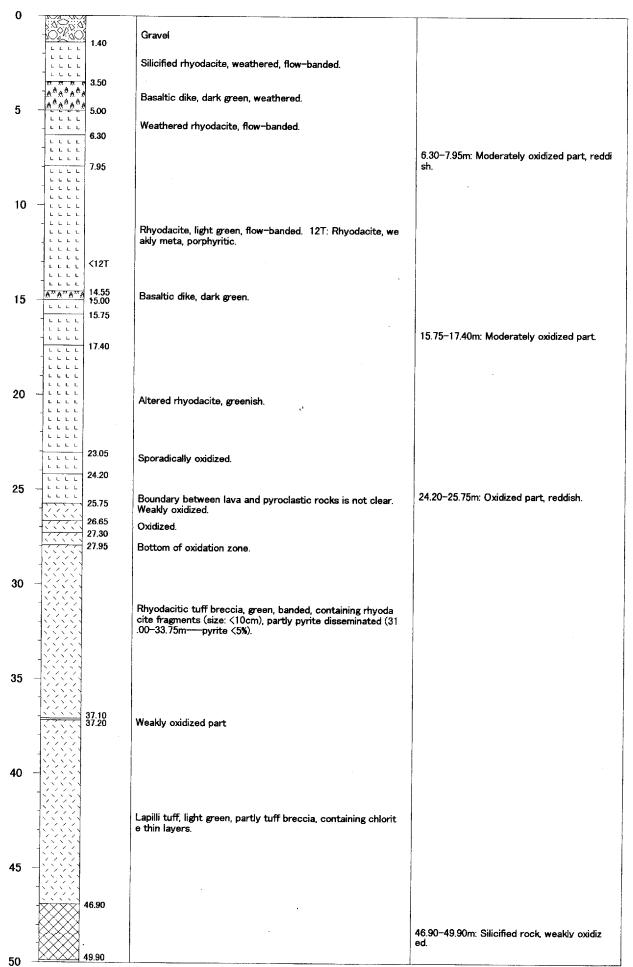
Depth

MJSU-1 September 11 September 26 Easting: Northing: Elevation(mSL): E 708.478 N 2,617.501 955 Drilled by DMI

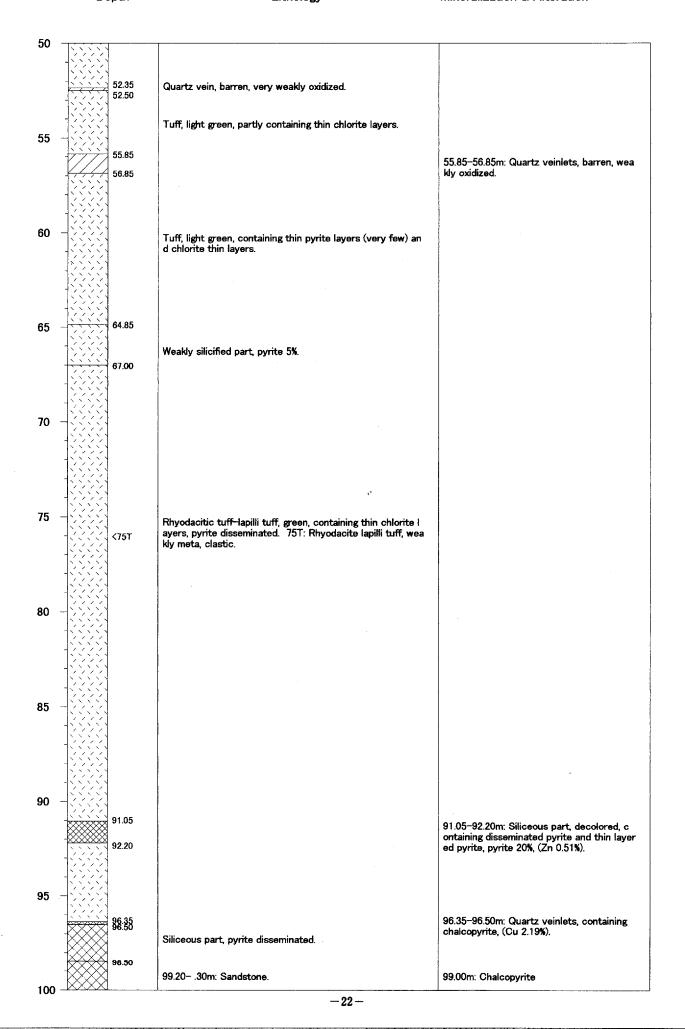
Drilled by DMMR/BRGM

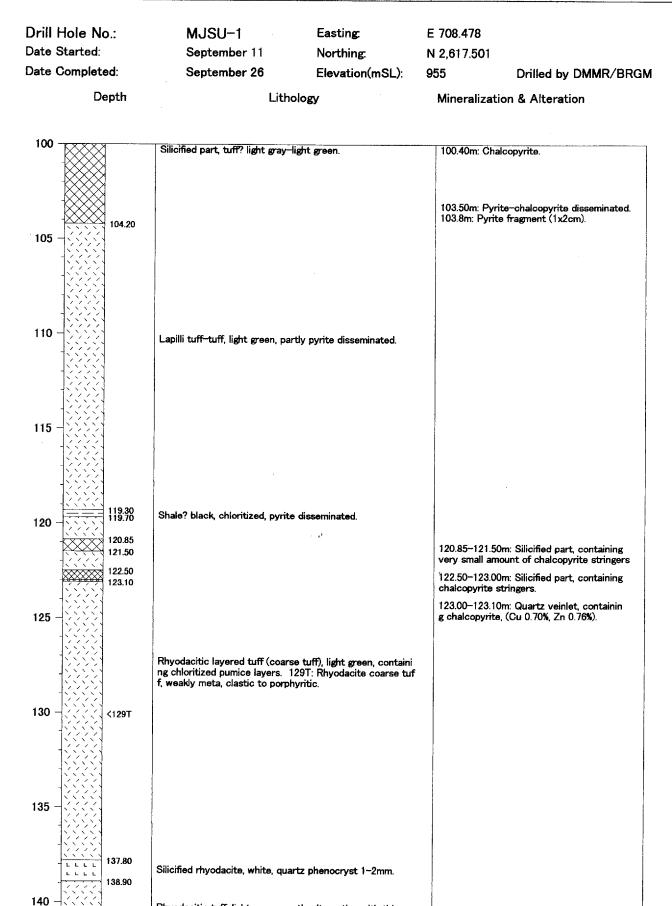
Lithology

Mineralization & Alteration



| Drill Hole No.: | MJSU-1 | Easting: | E 708.478 | |
|-----------------|--------------|-----------------|-------------|----------------------|
| Date Started: | September 11 | Northing: | N 2,617.501 | |
| Date Completed: | September 26 | Elevation(mSL): | 955 | Drilled by DMMR/BRGM |
| Depth | Lith | ology | Mineralizat | ion & Alteration |





Rhyodacitic tuff, light green, partly alternating with thin sa ndstone layers, dip 50.

Silicified rhyodacitic tuff, greenish white, very hard.

Rhyodacitic tuff, light green, banded, partly brecciated, bre ccia containing quartz phenocryst 1-2mm, weakly pyrite di sseminated.

Dolerite dike, dark green, with calcite veinlets.

150

145

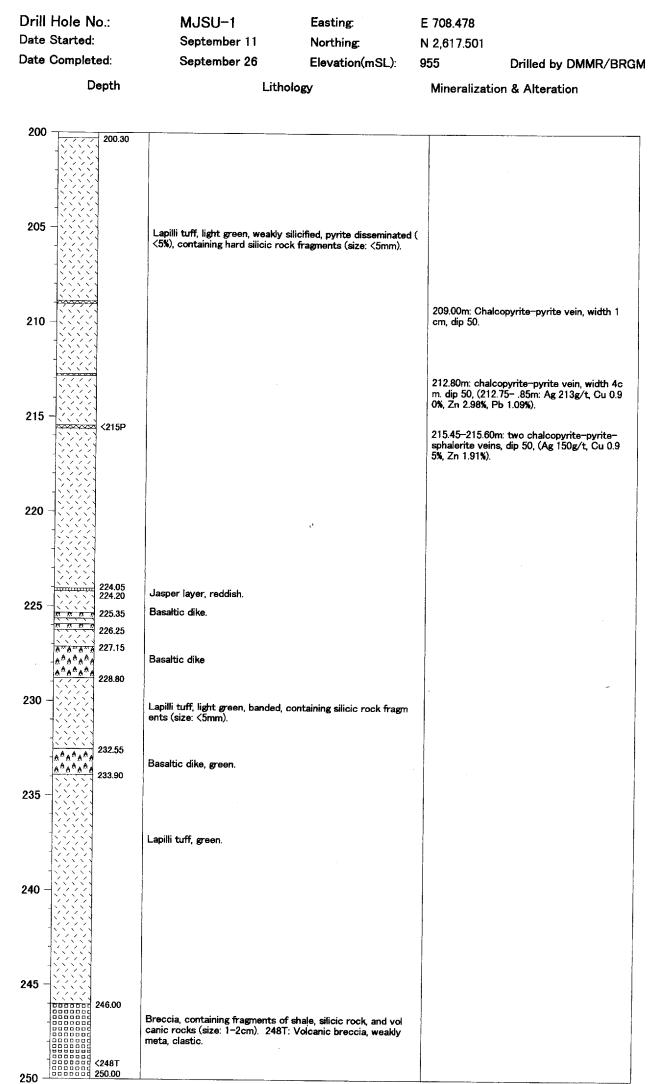
143.40

144.30

147.60

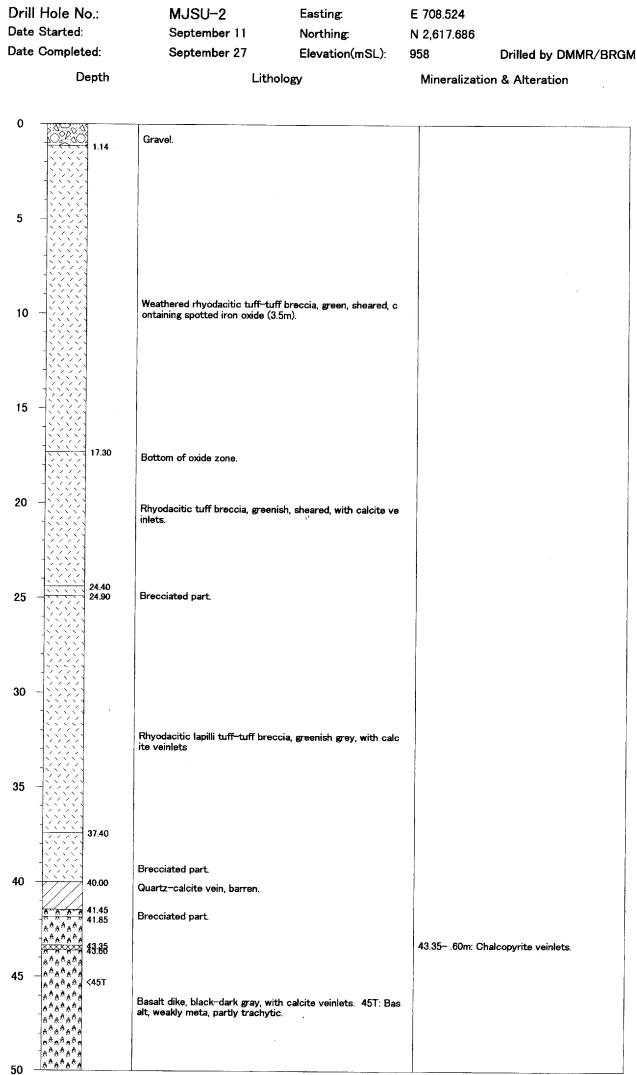
148.60

| Drill Hole No.: Date Started: | MJSU-1 | Easting. | E 708.478 | |
|--|--|------------------------------------|--------------------|--|
| Date Started. Date Completed: | September 11 September 26 | Northing: Elevation(mSL): | N 2,617.501 955 | Drilled by DMMR/BRGM |
| Depth | Lithol | | | on & Alteration |
| Bopur | | с Б у | in for anguce | |
| 150 | Silicified rhyodacitic tuff, white, | very hard. | d, with reddish | |
| A <u>AAA</u> 152.30 152.70 153.40 | Dolerite dike Rhyodacitic tuff, light green, bar | nded. | d. | m: Weakly pyrite disseminate m: Chalcopyrite stringers, a |
| 154.10 | Silicified rhyodacitic tuff, very h Rhyodacitic tuff, partly silicified | | nd hematite ve | m: Weakly pyrite disseminate |
| 155 - 155.30 <u>A ** A ** A ** A</u> 156.30 156.70 | ns quartz phenocryst 1-2mm. Dolerite dike, dark green. | | d, with reddish | jasper. |
| 156.70 | | | | |
| 160 | Rhyodacitic tuff, light green, flow | w~banded. | | |
| 162.00 | | | | |
| 165 - | Silicified lapilli tuff, white, very h | nard. | | |
| | | | | |
| 170 - 170.40 | Breccia, size of fragment 5–10n | nm. | | |
| | | | | |
| 175 - | Lapilli tuff, hard, light gray, parti s (chlorite?, 5mm in thickness). | ' y containing black thin layer | - | |
| | | | | |
| 180 - | | | | |
| 185 | | | | |
| | | | | |
| 187.80 A ^A A ^A A ^A A A ^A A ^A A ^A A 189.15 | Basalt-dolerite dike, dark green, | , with calcite veinlets. | | |
| 190 - | | | | |
| | Lapilli tuff, light green, containin 3mm), banded. | g silicic fragments (size 2- | | |
| 195 - | | | | |
| 197.50 | | | | |
| 200 <199Т | Alternating bed of siltstone and acitic tuff, weakly meta, clastic. | | | |
| | | -24- | | |



| Drill Hole No.: Date Started: | MJSU-1 September 11 | Easting: Northing: | E 708.478 N 2,617.501 | |
|----------------------------------|------------------------|-----------------------|--------------------------|----------------------|
| Date Completed: | September 26 | Elevation(mSL): | 955 | Drilled by DMMR/BRGM |
| Depth | Litholo | ŝy | Mineralizatio | n & Alteration |

| 250 | 7 | Lapilli tuff. | | | |
|-------|--------|---------------|------|-----|--|
| | 251.60 | | | | |
| - | | | | | |
| - | | | | | |
| 255 - | | | | | |
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| | | | | | |
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| 260 - | | | | | |
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| 265 - | | | | | |
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| 270 – | | | | | |
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| 275 – | | | | | |
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| 285 - | | | | | |
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| 290 - | | | | | |
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| 295 | | | | | |
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| - | - | | | | |
| 300 – | | | | | |
| 300 - | | | -26- | | |



-27-

| Drill Hole No.: | MJSU-2 | Easting: | E 708.524 | |
|-----------------|--------------|-----------------|-------------|----------------------|
| Date Started: | September 11 | Northing: | N 2,617.686 | |
| Date Completed: | September 27 | Elevation(mSL): | 958 | Drilled by DMMR/BRGM |
| Depth | Litho | logy | Mineralizat | tion & Alteration |

| 50 | <u>A*A*A*</u> A | 50.50 | | |
|-----------|--|----------------|--|---|
| | | 00.00 | | |
| | 1999 | | Brecciated part of pyroclastic rock. | |
| | | | Brecciated part of pyroclasuc rock | |
| | | | | |
| | KSSS | | | |
| 55 · | | | | |
| | AAAAAA | 55.75 | Basalt, gray, with pyrite veinlets. | |
| | 1 1 1 1 1 | 56.40 | Brecciated pyroclastic rocks. | |
| | A.A.A. | 57.25 | | |
| | _A^A^AA^A A^A_A^A_A^A | | | |
| | -***** | | | |
| 60 | ^^^^^^^^^ | 1.1 | | |
| | A^A^AA AAAAAA | | Basalt, greenish gray, partly brecciated, with epidote. 63T: Basalt, weakly meta, originally aphyric. | |
| | A*A*A*A | | busin, money mous, originally aphyric. | |
| | A^A^A^A | | | |
| | A**A**A**A | | | |
| | | <63T | | |
| 05 | A A A A A | | | 64.2040m: Chalcopyrite veinlets in basalt |
| 65 | A^A^AA^A | 65.60 <65T | | |
| | | 1001 | Microdiorite, greenish gray. 65T: Microdiorite, weakly meta | |
| | - * * * * | 67.20 | , micro-ophitic. | |
| | AAAAAA | 07.20 | · | |
| | - A ^A A ^A A ^A A | | | |
| | A*A*A* | | | |
| 70 | ***** | | Basalt, partly brecciated, with pyrite and calcite veinlets. | |
| | A ⁰ A ⁰ A ⁰ A | | | |
| | AAAAAA | | | |
| | A*A*A* | 72.00 | Lapilli tuff. | |
| | A.A.A. | 72.80 73.15 | | · · · · · |
| | | 74.00 | | |
| 75 | | 75.90 | Lapilli tuff. | |
| | A^A^AA^A | 75.30 <75T | | |
| | ~~~~~~ | | Basalt. 75T: Basalt, weakly meta, porphyritic. | |
| | AAAAAA | | | |
| | 1 | 77.80 | Silicified tuff. | |
| | | 79.25 | Basalt, with pyrite veinlets | |
| 80 | <u>^^^</u> ^^ | 79.90 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 05 | |] | | |
| 85 | | | Lapilli tuff-tuff, light green, banded, with pyrite veinlets. | |
| | 15555 | | | |
| | |] | | |
| | | ł | | |
| | 1999 | | | |
| •• | | 1 | | |
| 90 | | | | |
| | | | | |
| | | Į | | |
| | KSS | ł | | |
| | 15555 | | | |
| | 1222 | 1 | | |
| 95 | | | | |
| | 1885 | | | |
| | 1222 | 1 | | |
| | | | | |
| | 19999 | <98X | | |
| | $\left \right\rangle$ | 99.10 | Silicified. | |
| 100 | N. C.S. | 1 | | |
| | | | - 28 - | |

| Depth | Lith | ology | Mineraliz | zation & Alteration |
|-----------------|--------------|-----------------|------------|----------------------|
| Date Completed: | September 27 | Elevation(mSL): | 958 | Drilled by DMMR/BRGM |
| Date Started: | September 11 | Northing: | N 2,617.68 | 36 |
| Drill Hole No.: | MJSU-2 | Easting: | E 708.524 | |

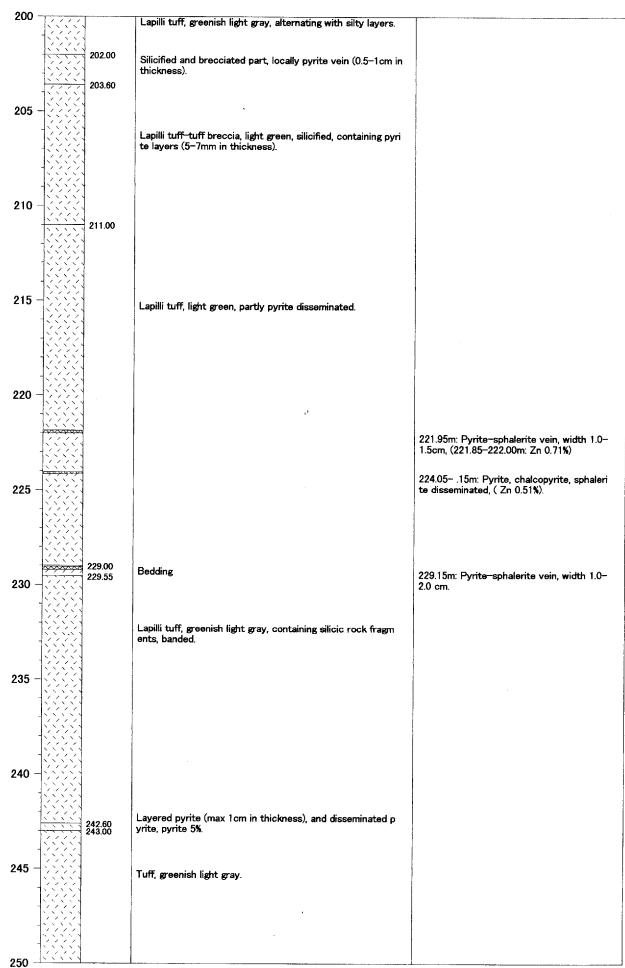
| 100 - | · · · · · · | | | |
|-------|-------------|-----------------|---|--|
| 100 | | | Tuff, light green, weakly silicified. | |
| | | | TUT, INTE BOOT, WORNY SITCHING. | |
| | | | | |
| | | 104.20 | | |
| 105 - | | | Basaltic tuff, black to dark gray. 106T: Basaltic tuff, weakly meta, clastic to sub-trachytic. | |
| | | <106⊤ 106.25 | | |
| | | | Basaltic tuff? | 106.25–109.05m: Siliceous part, with layer ed pyrite, pyrite 15%. |
| | | 109.05 | | |
| 110 - | | | | |
| | | | | |
| | | | | - |
| | | | | |
| 115 - | | | Basaltic tuff, greenish. | |
| - | | | | |
| | | <11 7X | | |
| - | | | | |
| 100 | | | | |
| 120 - | | <120T | Reverse grading, 120T: Basaltic tuff, weakly meta, clastic. | |
| - | | 121.15 | | |
| - | | | | |
| - | | | | |
| 125 - | | 125.40 | | |
| - | | | | |
| - | | 128.10 | | 1 |
| 4 | | 128.20 | | |
| 130 - | | 130.10 | Lithology and mineralization at the interval between 121.1 | |
| - | | | Lithology and mineralization at the interval between 121.1 5–144.8m are shown in the attached detailed lithologic log (scale 1:50). | |
| - | | | | |
| | | | | |
| 135 - | | | | |
| - | | | | |
| - | | | | |
| - | | | | |
| - | 2 7 7 7 | | | |
| 40 - | | | | |
| - | | | | |
| _ | | 142.25 | | |
| - | | | | |
| 45 - | | 144.80 | | |
| | | | | |
| | | | | |
| . 1 | | | | |
| I50 – | | | -29- | |

-29-

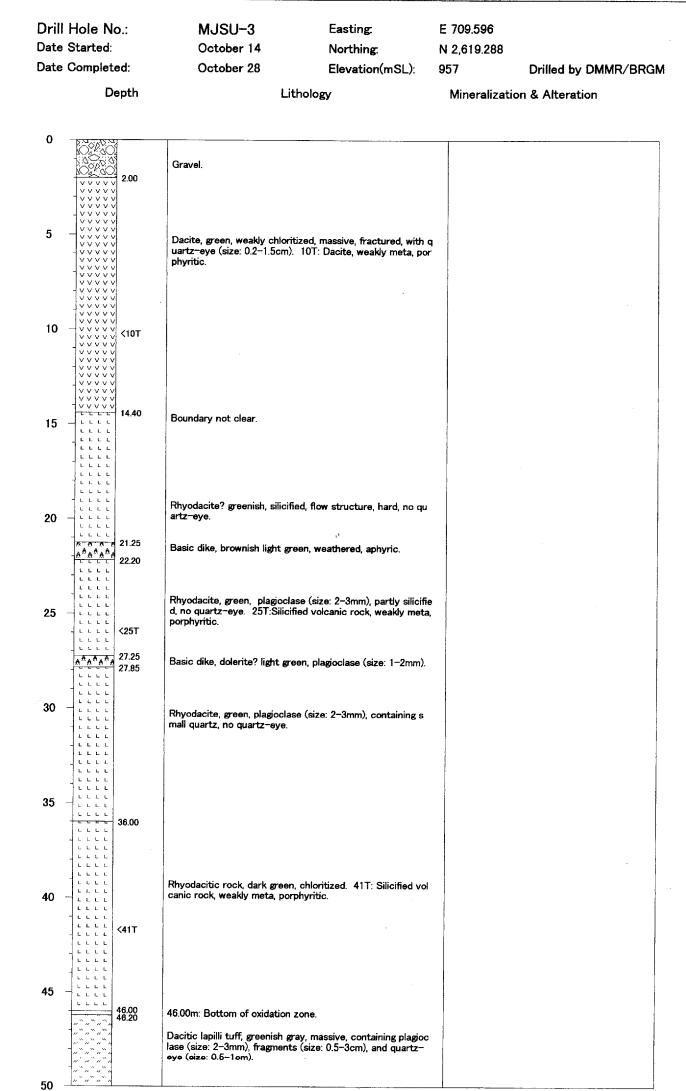
| Drill Hole No.: | MJSU-2 | Easting: | E 708.524 | |
|-----------------|--------------|-----------------|---------------|----------------------|
| Date Started: | September 11 | Northing: | N 2,617.686 | |
| Date Completed: | September 27 | Elevation(mSL): | 958 | Drilled by DMMR/BRGM |
| Depth | Lithold | yey . | Mineralizatio | n & Alteration |

| 150 - | | | Lapilli tuff, greenish light gray, partly tuff breccia. | |
|-------|---------|------------------|--|---|
| | | | | |
| | | 153.25 153.60 | Quartz veinlets, barren. | |
| 155 - | | | | 155.30m: Quartz vein, 1cm width, containin |
| | | 156.30 157.00 | Shale, dark gray, hard, containing pyrite (grain size: 1–2mm) , dip50. | g pyrite, dip 45. |
| 160 - | | | | |
| | | | Tuff breccia, greenish light gray, hard, containing silicic roc k fragments (size: 0.5–4cm). | |
| 165 - | | | | 163.75m: Quartz vein, 1cm width, containin g chalcopyrite. |
| | | 168.25 | | |
| 170 | | 169.40 | Alternating bed of conglomerate (consisting of silicic rock fragment, 1–3cm) and siltstone, greenish light gray, hard. | |
| 170 - | | | Lapilli tuff, light gray. | |
| | | 17 <u>2.99</u> | Siltstone, light gray, hard, dip 50. | |
| 175 - | | | Lapilli tuff, rhyodacitic, greenish light gray, hard, containing silicic rock fragments (size: <5mm). | |
| | | | Lapilli tuff, rhyodacitic, light green, partly conglomeritic, ban ded. | |
| 180 - | | | | |
| | | | | |
| 185 - | A*A*A*A | 185.20 185.70 | Basalt-dolerite dike, greenish. | |
| | | | Lapilli tuff-tuff breccia, rhyodacitic, green, containing chlor ite layers, pyrite disseminated. | |
| 190 - | | | | |
| 105 | | | | |
| 195 - | | 196.30 | | |
| | | | Weakly silicified tuff, hard, banded, pyrite disseminated, pyrit e <1%. | |
| 200 - | | 199.00 | | |

| Depth | Lith | ology | Minerali | zation & Alteration |
|-----------------|--------------|-----------------|------------|----------------------|
| Date Completed: | September 27 | Elevation(mSL): | 958 | Drilled by DMMR/BRGM |
| Date Started: | September 11 | Northing: | N 2,617.68 | 86 |
| Drill Hole No.: | MJSU-2 | Easting: | E 708.524 | |
| | | | | |



-31-



-33-

| Drill Hole No.: | MJSU-3 | Easting | E 709.596 | |
|-----------------|------------|-----------------|--------------|----------------------|
| Date Started: | October 14 | Northing: | N 2,619.288 | |
| Date Completed: | October 28 | Elevation(mSL): | 957 | Drilled by DMMR/BRGM |
| Depth | Lit | hology | Mineralizati | on & Alteration |

| - | " <i>"</i> " <i>"</i> " <i>"</i> | 50.00 | 50.00-55.90m: Dacitic lapilli tuff, greenish gray, with round | 50.00-53.30m: Moderately silicified, pyrite |
|---|--|----------------|---|--|
| | | 1 | ed quartz-eyes (size: 1.0-1.5cm) and light green plagioclas | einlets, pyrite 2-3%. |
| | | ł | e (size: 2-3mm). | |
| | -"``"``"``" | ł | | |
| | <i></i> | 1 | | |
| | | 53.30 | | |
| | - "× "× "× " | 1 | | |
| | <i>"" "" "" "</i> | | | |
| - | <i></i> | | | |
| | | 55.90 | | |
| | | 56.15 | | 55.90-56.15m: Chloritized part, pyrite diss |
| | <u>""""</u> | 57.10 | | minated and banded, pyrite 10%. |
| | | 0 | | |
| | <i>"""</i> """ | | Pyrite veinlets sporadically. | |
| | <i>"" "" "" "</i> | 50.05 | | |
| | $\nabla \Pi \Pi \Pi$ | 59.05 | | 59.0590m: Quartz vein, parallel to core, |
| _ | <u></u> | 59.90 | | containing small amount of pyrite. |
| | <i>"""""</i> "" | | | |
| | - <i>"""""</i> "" | | | |
| | <i></i> | 1 | | |
| | | 1 | Dacitic lapilli tuff, greenish gray, pale green plagioclase (size | |
| | <i>"" "" "</i> " " | <63T | : 2-3mm), pale green andesitic fragments (zenolith?, size: < | |
| | <i>"" "" ""</i> " | 1001 | 4cm), quartz-eyes, pyrite weakly disseminated. 63T: Daciti | |
| | <i>"</i> ,",",",",",",",",",",",",",",",",",", | ł | c lapilli tuff, weakly meta, clastic. | |
| | // ๊ / ๊ / ๊ / ๊ / | 1 | | |
| - | // // // // ////////////////////////// | 1 | | |
| | |] | | |
| | | Ì | | |
| | | ł | | |
| | <i>u``u``u``u</i> | | | |
| | <i>"``"`</i> "``" | Ì | | |
| | | 68.85 | | |
| | " <i>"</i> """" |] | | |
| _ | " <i>"</i> """" | ł | | |
| | 1. 1. 1. 1. | | Weakly chloritized, pyrite dissemination and veinlets, few. | |
| | <i>```````</i> `` | ł | | |
| | 11 11 11 11 11 11 11 11 11 11 11 11 11 | 71.85 | | |
| | V///// | | | 71.85-72.60m: Quartz veins, 5-6 veins, 1- |
| | VVVVV | 72.60 | | 3cm wide, barren. |
| | | 1 | | |
| | | | Dacite, greenish dark gray, massive, quartz-eyes (size: 0.2 | |
| | ~~~~ | | -0.7cm), pyrite weakly disseminated. | |
| - | | | Salar Philo Heavy Usedimilator. | |
| | vvvvv | 76 10 | | |
| | 44444 | 76.10 76.25 | Quartz vein (3cm wide), barren. | |
| | | | | |
| | VVVVV | | | 1 |
| | | | Dacite, greenish gray, lava? massive, partly porphyritic. | |
| | VVVVV | } | | } |
| | | | | |
| - | - v v v v v v | | | |
| | | ł | | • |
| | V V V V V | | | |
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| | | ļ | | |
| | _ v v v v v | | | |
| | | | | 81.55-85.60m: Fractured, sheared, partly |
| | | | | yrite disseminated and veinlets. |
| | | | | |
| - | | | | |
| | | 85.60 | | |
| | V V V V V | l | | |
| | 1 | · | | |
| | V V V V V | | | |
| | | | Dacite, greenish gray, lava? massive, with quartz-eyes, part | |
| | | | ly porphyritic (size of plagioclase: 2–3mm). 89T: Dacite, we | |
| | v v v v v | | akly meta, porphyritic. | |
| _ | | } | * ···· ···· ···· ···· ················ | |
| | V V V V V | | | |
| | 122222 | | | |
| | V V V V V | | | |
| | | | | |
| | | | | |
| | v v v v v | | | |
| | | | | |
| | V V V V V | | | |
| | | | Chloritization become strong downward. | |
| | | 95.65 | | |
| | | | | 95.65-97.75m: Strongly chloritized part, bl |
| | | | | ck, pyrite disseminated and veinlets, pyrite |
| | | 07.75 | | 15%. |
| | | | Chloritization bacome weak downward. | |
| | V V V V V | | | |
| | | | | |
| | 00000 | | | |

| Drill Hole No.: Date Started: | MJSU-3 October 14 | Easting: Northing: | E 709.596 N 2.619.288 | |
|----------------------------------|----------------------|-----------------------|--------------------------|----------------------|
| Date Completed: | October 28 | Elevation(mSL): | 957 | Drilled by DMMR/BRGM |
| Depth | Lithol | ogy | Mineralization | a & Alteration |

| 00 - | 10000 | ·/ | | |
|-------------|--|--------|---|---|
| | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | Dacite, porphyritic, intrusive? | |
| | | | | |
| | | 1 | Boundary not clear. | |
| | **** | | | |
| | A*A*A* | A | Basic dike, dark green, with calcite veinlets and quartz-ey es. | |
| | A*A*A* | 104.60 | | |
|)5 - | $\langle // \rangle$ | | | 104.60-106.20m: Quartz veinlets, pyrite ve inlets few. |
| | | 106.20 | | iniecs rew, |
| | | / | Porphyritic dacite, with guartz-eyes. | |
| | **** | 107.80 | | |
| | 1/// | 107.60 | | 107.80-110.00m. Quartz veinlets, pyrite ve |
| | \mathbf{V}/\mathbf{A} | | | inlets few. |
| 10 - | 1.6 | 110.00 | | |
| | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 1 | | |
| | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | r | | |
| | - v v v v v v v v v v | · | Porphyritic dacite, greenish gray, plagioclases (size:2–4mm | |
| | | |), with quartz-eyes. | |
| | | | Weakly silicified, plagioclase few. | |
| | VVVVV | 114 90 | | |
| 5 - | ~~~~~ | 114.00 | | 114.80-116.25m: Epidote veins, with hemat |
| | | 116.25 | | ite and pyrite. |
| | | 1 | Silicified, no mineralization. | |
| | | 117.70 | | |
| | V V V V V | | | 117.70-120.75m: Weakly silicified, pyrite ve nlets, epidote veins. |
| | | | | niets, epidote veins. |
| 20 - | | | | |
| | | | | |
| | | | | |
| | | | Silicified dacite, greenish gray, plagioclase few, quartz-eye | |
| | ~~~~ | | few. | |
| | | | | |
| | | 124.50 | | |
| 25 - | **** **** | | | |
| - | V V V V V V V V V V | | | |
| | \` \` \` \` \` \` \` \` \` \` \` | | | |
| _ | \ | | | |
| | V V V V V V V V V | | | |
| - | * * * * * * * * * * * * | | | |
| 0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | |
| | * * * * * * * * * * * * | | | |
| | **** | <131T | | |
| - | ***** | | Porphyritic dacite, greenish gray, with quartz-eyes (size: 0. | |
| - | ***** ***** | | 5-1.0cm), pyrite weakly disseminated, epidotized plagioclas | |
| - | $\circ \circ $ | | es (size: 2–3mm). 131T: Porphyritic dacite, weakly meta, p orphyritic. | |
| 5 | **** **** | | | |
| 5 - | * * * * * * * * * * | | | |
| - | * * * * * * * * * * * * | | | |
| - | * * * * * * * * * * * * | | | |
| | ***** | | | |
| | ~~~~ | | | |
| - | $\circ \circ $ | | | |
| 0 0 | $\psi \psi \psi \psi \psi \psi$ $\psi \psi \psi \psi \psi \psi$ | | | |
| _ | ***** ***** | | | |
| - | **** **** | | | |
| - | * * * * * * * * * * | | | |
| - | * * * * * * * * * * * | | - | |
| | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | |
| _ | * * * * * | | | |
| 5 – | * * * * * * * * * * * * | | | |
| - | **** **** | | | |
| - | **** **** | | | |
| | VVVVV XXXX | 147.65 | | |
| | KXXX | | Moderately silicified, brownish white. | |
| - | | 149.35 | | |
| , | | | | |

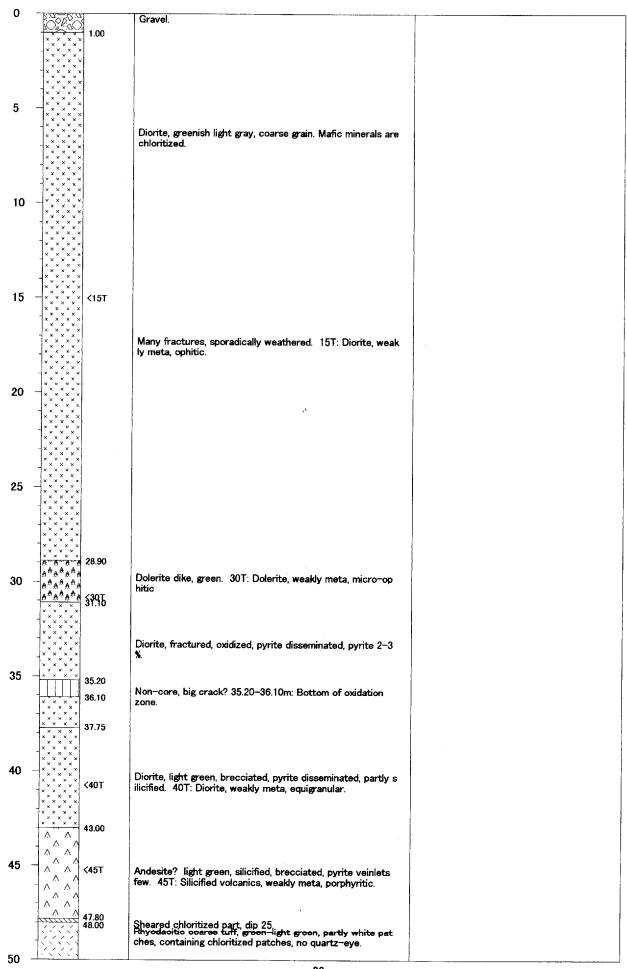
| Drill Hole No.: | MJSU-3 | Easting: | E 709.596 | |
|-----------------|------------|-----------------|---------------|----------------------|
| Date Started: | October 14 | Northing: | N 2,619.288 | |
| Date Completed: | October 28 | Elevation(mSL): | 957 | Drilled by DMMR/BRGM |
| Depth | | Lithology | Mineralizatio | n & Alteration |

| 150 | | | | |
|--------------|--|------------------|--|--|
| 150 - | * * * * * | <150T | Microdiorite, reddish dark gray. 150T: Microdiorite, sub-tra | |
| | × × × × vvvvv | 150.95 | chytic. | |
| | - * * * * * - * * * * * | | | |
| | V V V V V | | | |
| | - V V V V V V V V V | 153.15 | | 150 15 154 50 ··· During an idea and idea 6 |
| | <u> </u> | | | 153.15-154.50m: Pyrite-epidote veinlets f ew. |
| | ***** | 154.50 | | GW . |
| 155 - | <u> </u> vvvvv | | | |
| | - v v v v v - v v v v v | | | |
| | <u> </u> | | Porphyritic dacite, dark gray, with quartz-eyes. | |
| | _ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | 157.15 | | |
| | | 157.40 | | |
| | | | | 157.40-160.55m: Pyrite-chlorite veinlets, containing chalcopyrite sporadically. |
| | <i></i> | | | containing charcopyrite sporatically. |
| 160 - | | | | |
| | | 160.55 | | |
| | 1 ″″″″″″″ | | | |
| | -,,``,,``,,``, | | Chloritized part, with quartz-eyes. Plagioclase is not confir med. | |
| | <u></u> | 162.85 | mea. | |
| | <i></i> | • • • • • | | 162.85–164.00m: Silicified part, reddish whi |
| | | 164.00 164.45 | | te. |
| 165 - | | 164.75 | | 164.4575m: Pyrite veinlets, containing c |
| | // <i>// // // // // // // // // // // // </i> | | | halcopyrite few. |
| | | | | |
| | - <i>"</i> `"`"`" | | 157.15–178.10m: Dacitic coarse tuff-lapilli tuff, dark gray, | |
| | """""" """" | | with quartz-eyes, volcanic rock fragments (size: 2-3cm) s | |
| |] <i>"</i> """"" | | poradically. 171T: Dacite coarse tuff, weakly meta, clastic. | |
| | | | | |
| 170 - | | | | |
| 170 | <i></i> | | | |
| | - <i>" " " " "</i> | | | |
| | - " " " " " " | <171T | | |
| | <i>"" "" "" "</i> " " | | | |
| | | | | |
| | - "``"``"``" | | 1 ¹ | |
| 175 - | | | | |
| 170 | huuuu | 175.25 | Jasper, reddish. | |
| | | 178:98 | | |
| | A~A~A~A | | 176.30–177.60m: Basic dike. | |
| | <u>~~~~</u> ~~~ | 177.60 | | |
| | <u> </u> | 178.50 | | 177.60-178.50m: Pyrite-chalcopyrite-epid ote veinlets, pyrite 5%. |
| | ~ V V V V V V V V V V | | | ote venuets, pyrite 5%. |
| 180 - | V V V V V | | | |
| 100 | | | | |
| | | | below 178.10m: Porphyritic dacite, greenish dark gray, plagi | |
| | | | oclases (size: 2-4mm), quartz-eyes (0.5-0.7cm). | |
| | - v v v v v | | | |
| | V V V V V | | | |
| | | | | |
| 185 - | * * * * * * * * * * * * | | | |
| .00 | V V V V V | | | |
| | | | | |
| | | | | |
| | <u> </u> | | | |
| | | 188.20 | | 188.2075m: Chloritized part, chlcopyrite |
| | | 188.75 | Chloritized part, porphyritic dacite? with quartz-eyes. | -pyrite veinlets, (Cu 1.57%). |
| 190 - | ľXXXXI. | 189.45 | | |
| .00 | | | | |
| | | | Moderately silicified part, brown-light green. | |
| | | 192.15 | | 1 |
| | V V V V V V V V V V | | | |
| | <u> </u> v v v v v | | | |
| | 100000 | | | |
| | - * * * * * * | | | |
| 195 | - * * * * * * * * * * * * | | | |
| 195 | - V V V V V V V V V V | | Porphyritic dacite, greenish gray, weakly chloritized, with q | |
| 195 - | - V V V V V V V V V V V V V V V V V V V | | Porphyritic dacite, greenish gray, weakly chloritized, with q uartz-eyes (size: 5–10mm), plagioclases (size:2–5mm). | |
| 195 | | | Porphyritic dacite, greenish gray, weakly chloritized, with q uartz-eyes (size: 5–10mm), plagioclases (size:2–5mm). | |
| 195 | | | Porphyritic dacite, greenish gray, weakly chloritized, with q uartz-eyes (size: 5–10mm), plagioclases (size:2–5mm). | |
| 195 | | | Porphyritic dacite, greenish gray, weakly chloritized, with q uartz-eyes (size: 5–10mm), plagioclases (size:2–5mm). | |
| 195 | | | Porphyritic dacite, greenish gray, weakly chloritized, with q uartz-eyes (size: 5–10mm), plagioclases (size:2–5mm). | |
| | | | Porphyritic dacite, greenish gray, weakly chloritized, with q uartz-eyes (size: 5–10mm), plagioclases (size:2–5mm). | |
| 195 200 - | | | Porphyritic dacite, greenish gray, weakly chloritized, with q uartz-eyes (size: 5-10mm), plagioclases (size:2-5mm). | |

| Drill Hole No.: | MJSU-3 | Easting: | E 709.596 | |
|-----------------|------------|-----------------|-------------|----------------------|
| Date Started: | October 14 | Northing: | N 2,619.288 | |
| Date Completed: | October 28 | Elevation(mSL): | 957 | Drilled by DMMR/BRGM |
| Depth | Li | thology | Mineralizat | ion & Alteration |

| 200 - | 81 81 82 82 84 | l | | |
|-------|---|-----------------------------|---|--|
| | \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | | Porphyntic dacite, greenish gray, weakly silicified, with quar | |
| | - vvvvvv | | tz-eyes (size: 0.3-2.0cm), plagioclase (size: 3-5mm). | |
| | V V V V V V V V V V | | | |
| - | v v v v v | | | |
| | \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\ | | | |
| | V V V V V V V V V V | | | |
| - | <u> </u> | | | |
| | <u> </u> | 204.25 | | 204.25-206.70m: Chloritized part, weakly s |
| 205 - | v v v v v | | Brecciated, with guartz-eyes. | icified, chalcopyrite-pyrite veinlets sporad |
| | **** | | Drecciated, with quartz-eyes. | ally. |
| - | \v \v \v \v \v \v \v \v \v | | | uny. |
| _ | | 206.70 | | |
| | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | |
| - | <u> </u> | | | |
| | | | | |
| - | **** | | Pomphysitic desite meanich may cilicifed hyperioted was | |
| | V V V V V V V V V | | Porphyritic dacite, greenish gray, silicified, brecciated, wea kly chloritized, plagioclase (size: 2–5mm), quartz–eyes (5–7 | |
| 10 - | | | mm), sporadically chalcopyrite veinlets. | |
| - | ~~~~ | | ning, sporadically charcopyrite vehillets. | |
| | 1***** ***** | <211X | | |
| - | v v v v v | 12117 | | |
| | V V V V V V V V V V | | | |
| | V V V V V V V V V V V | | | |
| | V V V V V | | | |
| - | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | |
| 15 - | | 214.70 215.05 | | 214 70-215 05-0 04-04-14 14 14 |
| 13 - | 1111 | 215.05 | | 214.70-215.05m: Strongly chloritized part, |
| - | >>>> | | | chalcopyrite-pyrite vein network, (Cu 5.05 |
| | レンシン | | | %). |
| - | レンンン | <217T | | |
| | シンンン | <217X | Rhyodacitic? coarse tuff, greenish gray, partly lapilli tuff, fr | |
| - | 12225 | | agments (size: 5mm), moderately silicified, weakly chloritize | |
| | NSS S | | d, brecciated, with small quartz. 217T: Rhyodacite coarse | |
| - | | | tuff, weakly meta, clastic to porphyritic. | |
| 20 - | 1 | 000.40 | | |
| 20 | | 220.10 <220P | | 220.10-220.90m: Pyrite-chalcopyrite vein |
| - | | <220P 220.90 | i, | network, (Cu 2.48%). |
| | L L L L | | | |
| - | | | Silicified volcanic rocks, rhyodacite? greenish light gray, wi | |
| | | | th small quartz, brecciated. | |
| - | . | | | |
| | | | | |
| | L L L L L L L L | <224X | | |
| 25 - | | 12678 | | |
| | | | | |
| + | LLLL | 996 90 | | |
| [| ***** | 226.30 | 226.30-229.60m: Basic dike, dolerite? plagioclase (size: 2- | |
| 1 | A ^A A ^A A ^A A | 007.00 | 3mm), calcite veinlets. | |
| | | 227.60 227.95 | Quartz vein, barren, dip 60-70. | |
| | ***** | | | |
| - | ******* ***** | | | |
| | | 229.60 | | |
| 30 - | | - | | |
| | v v v v v v | | | |
| | VVVVV | | | 1 |
| ٦ | | | | |
|] | \mathbf{v} \mathbf{v} \mathbf{v} \mathbf{v} \mathbf{v} \mathbf{v} | | | |
| | \vee \vee \vee \vee \vee | 5232T | Dacite, greenish light gray, weakly silicified, no quartz-eye, | |
| | ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | { 232 ₹ | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| | \vee \vee \vee \vee \vee | { 232 ₹ | Dacite, greenish light gray, weakly silicified, no quartz-eye, with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. | |
| - | <pre>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>></pre> | { 232 ₹ | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| 25 | | < 232 ₹ | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| 35 - | | { 232 T ₹232T | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| 35 | | { 232 ₹ | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| 35 | | <232T 232℃ 236.40 | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| 35 - | | | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| 35 - | | | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| 35 | | | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| 35 - | | | with small quartz, massive. 232T: Dacite, weakly meta, porp | |
| 35 | | | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. | |
| | | | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| |
| - | | | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. | |
| | | 236.40 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| |
| | | 236.40 <241C | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| |
| | | 236.40 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| 241 85-243 25m Moderately silicified part |
| | | 236.40 <241C | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| |
| | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| pyrite dissemination few, chalcopyrite very |
| | | 236.40 <241C | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| |
| | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| pyrite dissemination few, chalcopyrite very |
| 40 | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| pyrite dissemination few, chalcopyrite very |
| 40 | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| pyrite dissemination few, chalcopyrite very |
| 335 | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| |
| 40 | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (| pyrite dissemination few, chalcopyrite very |
| 40 | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (0.2-1.2cm), weakly epidotized. | pyrite dissemination few, chalcopyrite very |
| 40 | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2–4mm), quartz-eyes (0.2–1.2cm), weakly epidotized. Porphyritic dacite. 243T: Porphyritic dacite, weakly meta, | pyrite dissemination few, chalcopyrite very |
| 40 | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2-4mm), quartz-eyes (0.2-1.2cm), weakly epidotized. | pyrite dissemination few, chalcopyrite very |
| 40 | | 236.40 <241C 241.85 | with small quartz, massive. 232T: Dacite, weakly meta, porp hyritic. Porphyritic dacite, plagioclase (size: 2–4mm), quartz-eyes (0.2–1.2cm), weakly epidotized. Porphyritic dacite. 243T: Porphyritic dacite, weakly meta, | pyrite dissemination few, chalcopyrite very |

| Drill Hole No.: | MJSU-4 | Easting: | E 709.167 | |
|-----------------|--------------|-----------------|-----------------------------|----------------------|
| Date Started: | September 27 | Northing: | N 2,619.582 | |
| Date Completed: | October 13 | Elevation(mSL): | 958 | Drilled by DMMR/BRGM |
| Depth | Lithology | | Mineralization & Alteration | |



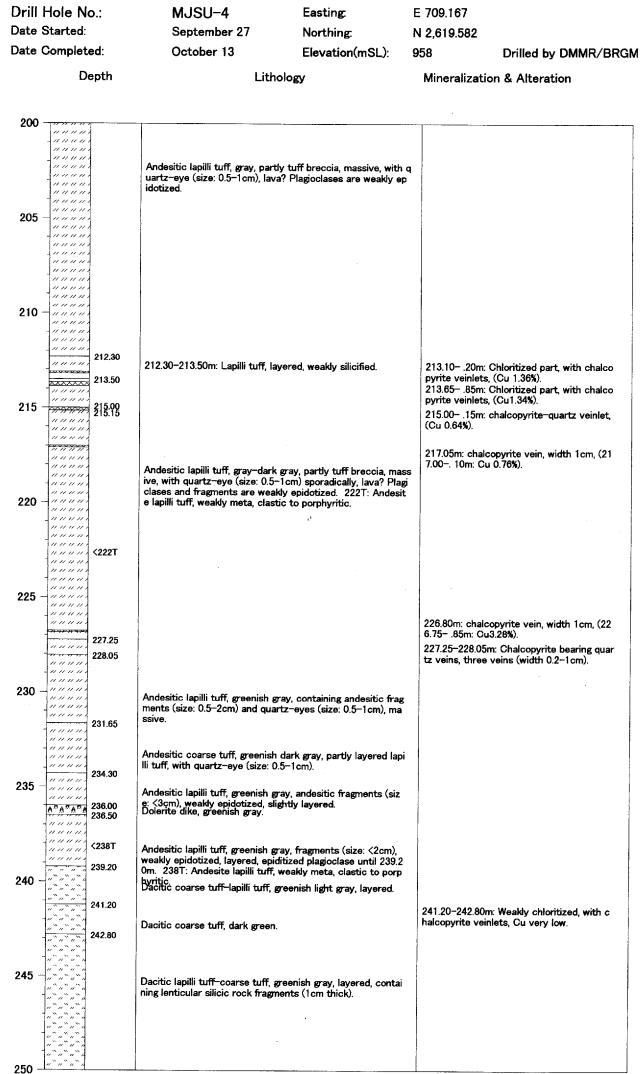
| Drill Hole No.: Date Started: | MJSU-4 September 27 | Easting: Northing: | E 709.167 N 2,619.582 | |
|----------------------------------|------------------------|-----------------------|--------------------------|----------------------|
| Date Completed: | October 13 | Elevation(mSL): | 958 | Drilled by DMMR/BRGM |
| Depth | Lithold |) By | Mineralizatio | n & Alteration |

| 50 - | | | |] . |
|-------|------------------|-------------------------|--|-----|
| | | | Rhyodacitic coarse tuff, green, partly lapilli tuff. 52T: Rhyo | |
| | | <52T | dacite corase tuff, weakly meta, clastic to porphyritic. | |
| | 12222 | | | |
| | | | | |
| | | 54.65 | 54.65-55.50m: Basic dike, fractured, calcite veinlets. | |
| 55 - | - <u>^^</u> ^^^^ | 55.30 55.50 | | |
| | | 55.50 <56 X | Strongly silicified part, rhyodacitic? tuff, with epidote veinle | |
| | | JUUN | ts, very small amount of pyrite. | |
| | | 57.70 | | |
| | | | | |
| | | | Rhyodacitic coarse tuff, green, no quartz-eye. | |
| 60 - | | 60.25 | | |
| | $+\times$ | | Other state and sentely silisified south your small service of su | |
| | | <61 X | Strongy-moderately silicified part, very small amount of py rite. | |
| | | | | |
| | ₩ ₩ | 63.15 | Rhyodacitic lapilli tuff, green, pyrite veinlets, small amount | |
| | | 64.30 | of pyrite. 64.30–66.50m: Altered basic dike. | |
| 65 - | AAAAAA | 65.15 | 64.30-00.30m: Altered basic dike. | |
| | | | Strongly-moderately silicified part, very small amount of py | |
| | | 66.50 | rite. | |
| | | 67.20 67.60 67.85 | Strongly silicified part. | |
| | 2222 | 67.85 | | |
| | | | Rhyodacitic coarse tuff, dark green, white patches. | |
| 70 - | | | | |
| | | 70.75 | | |
| | A A | | Porphyritic andesite, greenish gray, size of plagioclase: 2–5 mm. Mafic minerals (size: 2–3mm) are chloritized. | |
| | | 72.30 | | |
| | | | | |
| | | | к ^а | |
| 75 - | | | | |
| | | | | |
| | | | 76.30-76.70m: Calcite-quartz vein, barren, width 1cm. dip 90. | |
| | | | 55. | |
| | | | | |
| | | | | |
| 80 - | | <80T | Andesite, greenish light gray, medium grain, partly porphyrit | |
| | \land \land | | ic. Mafic minerals are chloritized. 80T: Porphyritic andesit | |
| | | | e, weakly meta, porphyritic. | |
| | | | | |
| | | | | |
| | ^ | 84.25 | | |
| 85 - | | 85.00 | Silicified andesite. | |
| | | | | |
| | \land \land | | | |
| | | | | |
| | | | | |
| | | | | |
| 90 - | | | | |
| •• | | | Porphyritic andesite, greenish light gray-greenish gray, siz e of plagioclase: 5mm, weakly epidotized. 95T: Porphyritic | |
| | | | andesite, weakly meta, porphyritic. | |
| | | | | |
| | | | | |
| | | | | |
| 95 - | | | | |
| | | <95T | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 100 | | | 99.75-100.00m: Quartz vein, width 4cm, barren, dip 70. | |
| 100 - | | | | |

| Drill Hold Date Star | | MJSU-4 September 27 | Easting: Northing: | E 709.167 N 2,619.582 | |
|--------------------------|--|--|--|------------------------------|--|
| Date Com | pleted: | October 13 | Elevation(mSL): | 958 | Drilled by DMMR/BRG |
| | Depth | Lith | ology | Mineralizati | on & Alteration |
| 100 | | | | | |
| | | Porphyritic andesite, greenish ~4mm, containing reddish felo epidotized. | ı gray, size of phenocrysts: 3 İspar. Plagioclases are weakly | y | |
| 105 - | 104.55 | Lapilli tuff, greenish light gray ragments: <5mm. | , layered, rhyodacitic, size of | f | |
| | | Porphyritic andesite, greenish th epidote. | ı dark gray, weakly silicified, ı | wi | |
| | 111.10 111.40 111.65 | Silicified rhyodacitic tuff, gree | nish gray, white patches. | 111.40– .65m: (Cu 1.82%). | Pyrite-chalcopyrite veinlets, |
| 115 | ************************************** | Basaltic dike, greenish gray. | | | |
| | | Rhyodacitic lapilli tuff, greenis icified, containing silicic rock 1 y tuff breccia. 121T: Rhyodac stic to porphyritic. | ragments (size: 1-3cm), part | 1 | |
| 120 | <pre></pre> | | | | |
| 125 - 22 | | | | | |
| | 126.25 | Basaltic dike, greenish gray, w Tuff breccia, greenish gray, rh | | | |
| 130 - A*A A*A | 129.75 A A A 130.85 <131X | Basaltic dike, greenish light gr | ay, with calcite veinlets. | | |
| | | Coarse tuff, greenish gray, lay Lapilli tuff-coarse tuff, light gr ments (size: <1cm) sporadicall | een, lavered, containing frag | 133.1530m: | Pyrite 25%, banded. |
| 135 | 135.20 | | | | |
| 140 - " [*] "," | <pre>(138X) (138X) (138X) (140.50) (140</pre> | Dacitic coarse tuff, dark green e: 1cm) sporadically. 136T: Dar clastic to porphyritic. | ı, containing quartz−eye (siz cite coarse tuff, weakly meta | | |
| | 141.00 | Dacitic coarse tuff, containing e sporadically. 143.1m <143X. | chlorite patches, quartz-ey | dth 0.5-1cm, (i | |
| 145 | 143.40 144.85 144.85 | 145.3m: <145X. | | m, three veins, <143P. | Chalcopyrite veins, width 4c dip 40, (Cu 10.40%). 143.3m: n: Chalcopyrite veinlets, (C |
| | 146.40 146.60 147.30 147.80 | 146.85-147.00m: Basaltic dike Dacitic coarse tuff, dark green | chloritized, containing over | | Chalcopyrite veinlets, (Cu 4. Chalcopyrite veinlets, (Cu 1. |
| 150 | | tz-eye sporadically. | , | 149.80− .90m: (m: <149P | Chalcopyrite veinlets. 149.9 |

| Drill Hole No.: | MJSU-4 | Easting: | E 709.167 | |
|-----------------|--------------|-----------------|----------------|----------------------|
| Date Started: | September 27 | Northing: | N 2,619.582 | |
| Date Completed: | October 13 | Elevation(mSL): | 958 | Drilled by DMMR/BRGM |
| Depth | Litho | logy | Mineralization | n & Alteration |

| 150 - | <u>"</u> """"" | 1 | Massive. | 1 |
|---------------|--|----------------------------|--|---|
| | | | | |
| | , | | | |
| | | 152.60 | Dacitic coarse tuff, dark green, layered, containing white fl | |
| | | | at patches (1–2mm thick) and quartz-eyes (size: 1cm). | |
| 155 - | , , , , , , , , , , , , , , , , , , , | | | |
| 100 | | 155.50 | | 155.50-156.05m: Chalcopyrite veinlets, (C u 2.54%). |
| | | 156.05 156.20 | 156.70– .90m: Basaltic dike. | 156.0520m: Chalcopyrite vein, dip 40, (C u 18.95%). 156.1m: <156P. |
| | | 157.45 | 130.7030m. Dasaruc dike. | 157.45-158.25m: Chalcopyrite veinlets, (C |
| | | 158.25 158.55 158.85 | 158.25– .55m: Basaltic dike. | u 1.82%). 158.5585m: Chalcopyrite veinlets, (Cu 3. |
| | - <i>// // // //</i> | 158.85 | | 64%). |
| 160 - | - " <i>" "" "" "</i> " <i>" "" "" "</i> | | | |
| | - "" " " " " | | Dacitic lapilli tuff, dark green, partly layered, with quartz-ey | |
| | - "" "" "" | 162.85 | 65. | 162.85-163.00m: Chalcopyrite veinlets, (C |
| | | 163.00 163.30 163.40 | | u 2.72%). 163.3040m: Quartz vein containing chal |
| | - <i>""""</i> "" | 163.40 | 164.15– .20m: Basaltic dike. | copyrite, (Cu 1.82%). |
| 165 - | | | | |
| | | | Dacitic lapilli tuff, dark green, partly layered, with quartz~ey | |
| | | | es. | |
| | ······ | | 167.9095m: Basaltic dike. | |
| | | 168.80 | 168.2030m: Basaltic dike, light green. | |
| 170 - | 11° 11° 11° 11° 11 - 11° 11° 11° 11° 11° 11° 11° 11° 11° 11 | 170.00 | Tuff, dark green, layered, with quartz-eyes. | |
| | | 170.30 | | |
| | | | Sheared part, light green, clayey. | |
| | | 170.45 | | |
| | | 173.15 | 0 | |
| 175 - | | | | |
| 170 | | <175T | Andesite, greenish light gray, massive, epidotized plagioclas e, with quartz-eyes, partly containing andesitic rock fragm | |
| | | (170) | ents (size: <4cm), lava? 175T: Andesite, weakly meta, porp hyritic. | |
| | <u> </u> ^^^^ | | | |
| |] | | | |
| 400 | | | | |
| 180 - | ^ | 180.45? | | |
| | | | | |
| | | | Andesitic lapilli tuff, partly layered, with quartz-eyes, white | |
| | | | flat patches (1–2mm thick), lava? | |
| | | | | |
| 185 - | 11 11 11 11 11 | 185.00? | | |
| | - 11 11 11 11 11 11 | | Andesitic lapilli tuff, greenish gray, massive, containing frag | |
| | | | ments (size: 1-2cm) and quartz-eyes, lava? | |
| | | | | |
| | <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u> | 189.15? | | |
| 1 90 - | | 100 550 | Andesitic? lapilli tuff, greenish gray, a few fragments, weakly silicified. | |
| | | 190.55? | | |
| | - 11 11 11 11 11 1 | | Andesitic lapilli tuff, greenish gray, containing andesitic frag | |
| | | /1007 | ments (size: <2cm), with quartz-eye sporadically, massive, | |
| | | <193T | weakly pyrite disseminated. Fragments are weakly epidotize d. 193T: Andesite lapilli tuff, weakly meta, clastic to porphy | |
| 195 - | | | ritic. | |
| | | | | |
| | | | | |
| | Tatatata | | 197.4570m: Quartz vein network, barren. | |
| | 11 11 11 11 11 11 11 11 11 11 11 11 11 1 | | | |
| 200 - | | | | |
| 200 | | | -42- | |



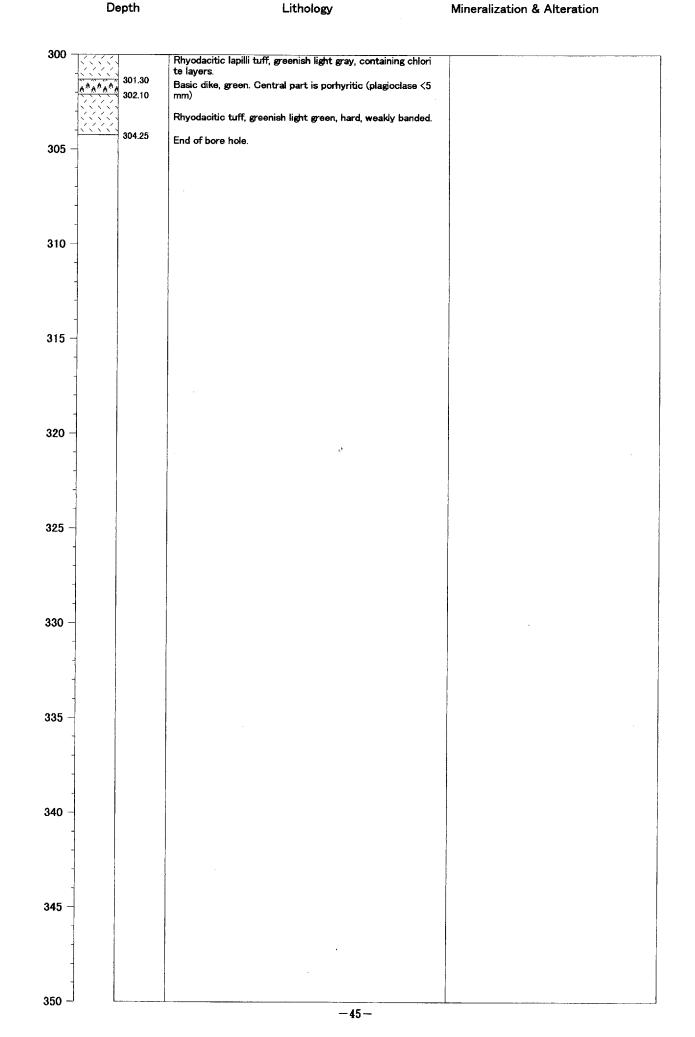
-43-

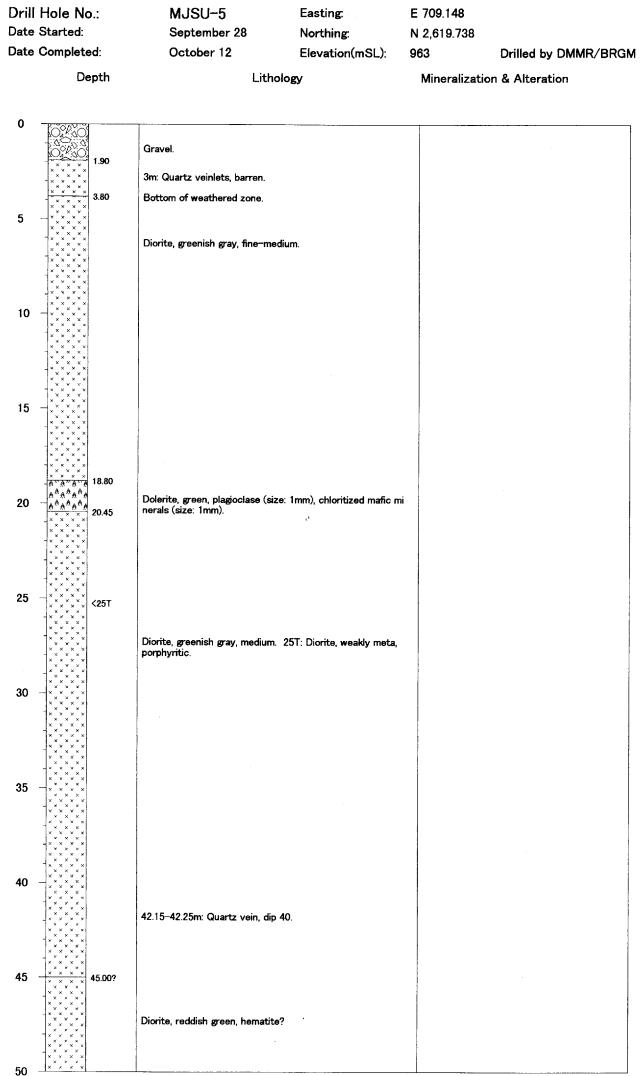
| Date Started: | September 27 | Northing: | N 2,619.582 | Drilled by DMMR/BRGM |
|-----------------|--------------|-----------------|-------------|----------------------|
| Date Completed: | October 13 | Elevation(mSL): | 958 | |
| Depth | Lith | ology | Mineraliza | ation & Alteration |

| 50 | // / / //``/ | | |
|---|-------------------------|---|---|
| - "``"`` | 11 n 11 n | | |
| -~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | |
| -""" | " " 252 A5 | | |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 253.45 253.70 | Basic dike, light green. | |
| 55 - <i>"``"`</i> | "``" | | |
| JJ """ | " " " " | | |
| | "" "" | Dacitic lapilli tuff, greenish gray, layered, containing lenticul | |
| 1 | "`` | ar silicic rock fragments (1cm thick), with quartz-eyes. 25 9T: Dacitic lapilli tuff, strongly by carbonete, clastic to porp | |
| -""" | " " " " | hyritic. | |
| | """ "" | | |
| ···· | ″`́^ <259T ″``́″ | | |
| »».»», – 0 0 | "" " " " " | | |
| | <u>∼</u> 260.90 | Weakly silicified. | |
| , | "```. | Dacitic lapilli tuff, greenish gray, containing lenticular silicic | |
| , | "``. "``. | rock fragments and quartz-eyes. | |
| <u> </u> | 263.50 | | 263.50– .75m: Pyrite veinlets, few chalcopy |
| ····· | "`` | | rite. |
| 5 - (", "", | "" » " " | | 263.75-267.05m: Chalcopyrite veinlets, sp |
| | "```. | | oradic. |
| A** A** | 267.05 | 267.0550m and 267.7090m: Basic dike, greenish light | |
| | 267.50 | gray. | |
| """" """ | " " " " | · · | |
| // [*] /* | "``` | | |
| 0 | " " " " | Dacitic coarse tuff, greenish dark gray, with quartz-eyes. | |
| -""" | " " " " " " | | |
| <i>"</i> | "``." | | |
| | 272.70 | | 272.70-273.25m: chloritized veinlets, cont |
| <u> </u> | 273:68 | Weakly silicified. | aining chalcopyrite, (Cu 1.11%). |
| <i>"""</i> " | · `` | | |
| ′5 –″ <u>″</u> ຶ″ຸ | , | Dacitic coarse tuff, greenish dark gray, containing thin chi | |
| """" """ | v `` ^ v `` ^ | orite layers and quartz-eyes. | |
| <u> </u> | 276.55 | Bedded chlorite layer and fine tuff. | |
| A* A* | 277.35 | Basic dike, dark green. | |
| <u> </u> | 278.45 | - | |
| | 278.95 | | 278.95-279.35m: Chloritized, chlcopyrite v |
| 0 -{>>> | 2 | | einlets, (Cu 2.72%). 279.1m: <279P. |
| | | Rhyodacitic coarse tuff, greenish gray, layered, white spott | |
| | <282T | ed. 282T: Rhyodacite coarse tuff, silicified, clastic to porp | |
| | | hyritic. | |
| | 283.80 | | |
| - 1999 | 200.00 | Sheared part, clayey. | |
| 5 - [) () | 건. | | |
| - | 285.70 | | 285.70-286.75m: Pyrite rich, pyrite 10%. 2 |
| 1000 | ₩ 289:75 | Sheared part. | 85.8m: <285X. |
| | νv | | |
| V V V V V V | V V <288T V V V V | | |
| | v v v v | Dacitic dike? light green, plagioclase 1mm, siliceous, hard, | |
| | v v v v | massive. 288T: Dacite, weakly meta, porphyritic. | |
| V V V V V V | * * * * | | |
| - V V V - V V V | v v v v | | |
| | 292.88 | | 292.3060m: Pyrite banded, pyrite 10%. 292.60-293.00m: Banded pyrite and tuff, py |
| | ***1 293.00 | Brecciated rhyodacitic tuff, light green, clayey. | rite 30%. |
| | 294.25 | Silicified tuff, weakly brecciated. | 293.00-294.25m: Pyrite veinlets. 294.25-295.15m: Pyrite veinlets. |
| 5 - 🔆 | 295.15 | | LOTAD LOU. ION. FYING VOIMIGUS. |
| 문문 | <296T | | |
| | 3 | | |
| 1000 | 5 | | |
| 111 | | Rhyodacitic tuff, light green, with chlorite layers. 296T; Rh | |
| | | | |
| | | yodacite tuff, weakly meta, clastic to porphyritic. | |

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| Drill Hole No.: | MJSU-4 | Easting: | E 709.167 | |
|-----------------|--------------|-----------------|-------------|----------------------|
| Date Started: | September 27 | Northing: | N 2,619.582 | |
| Date Completed: | October 13 | Elevation(mSL): | 958 | Drilled by DMMR/BRGM |
| Danit | | | | |





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| Drill Hole No Date Started: Date Complete | | MJSU-5 September 28 October 12 | Easting: Northing: Elevation(mSL): | E 709.148 N 2,619.738 963 | Drilled by DMMR/BRGM |
|---|---|---|--|---|--|
| De | pth | Litholo | gy | Mineralization | & Alteration |
| | | | | | |
| 50 ***** ***** ***** ***** ***** | | Diorite, reddish green. | | | |
| 55 - ********************************** | | | | | |
| 60 - ⁶ ****** | 58.80 | Dolerite dike, greenish gray. | | | |
| | <63T 64.00 64.15 | Delogito d'Ira | | | |
| 65 | 64.15 | Dolerite dike. Diorite, reddish green, weathered afic minerals are chloritized. 63T | . Plagioclase is altered. M : Diorite, weakly meta, op | | |
| 70 -************************************ | | hitic. | | | |
| 75 | 74.15 74.45 | Brecciated part. Dacitic? tuff, green-dark green, y | ,, weakly chloritized | | |
| | 77.70 79.40 | Pyrite disseminated, strongly chlo | - | | |
| 80 | 79.90 80.55 80.95 81.70 82.55 | 79.90–80.55m: Strongly chloritizer n. Silicified, strongly chloritized tuff, | | 6%). 79.6m: <79X 80.5595m: Cha 2%). 81.70-82.55m: P ed, massive sulfi | alcopyrite veinlets, (Cu 1.8 alcopyrite veinlets, (Cu 4.6 yrite disseminated & layer de deposit type?, containin Cu 4.28%). 81.8m: <81P. |
| 85 - | | Strongly chloritized & silicified tu semination and veinlets, pyrite 20 | ff, dacitic? black, pyrite dis % | | |
| 90 - | 88.90 | Dacitic Iapilli tuff. | | | trongly chloritized, weakly chalcopyrite dissemination |
| 95 - | 93.20 | Dacitic Iapilli tuff, green, containir size: 0.2–1.0cm), with epidote veir | ng silicic rock fragments (nlets, pyrite dissemination | and veinlets, (Cu | |
| | 95.50 <96X <96P | and veinlets. Strongly chloritized, weakly silicifi | ed, dacitic tuff? | 95.50–99.90m: C , (Cu 3.70%). | halcopyrite-pyrite veinlets |
| 100 | 99.90 | | | | |

| Date Started: | | | September 28 | Northing: | N 2,619.738 | |
|-----------------|--|------------------|---|--|-----------------------|--|
| Date Completed: | | ed: | October 12 | Elevation(mSL): | 963 | Drilled by DMMR/BRG |
| | D | epth | Lith | ology | Mineralizatio | n & Alteration |
| | | | | | | |
| 100 | <i>u`u`u</i> `u` | 101.00 | Sheared lapilli tuff, weakly chi | oritized, pyrite disseminate | d. | |
| | | ~ ~ ~ ~ ~ ~ | | | | |
| | | 4 | | | | |
| | | ~ | | | | |
| 105 | | 4 | | | | |
| | | 4 | | | | |
| | | a a | | | | |
| | | a | | | | |
| | | ~ | Dacitic coarse tuff-lapilli tuff, tz-eye (size: 0.5-1.0cm). | dark green, banded, with q | uar | |
| 110 | | 109.65 | | | | halcopyrite veinlets, width |
| | | 2 | | | 1–5mm. | |
| | | | Dacitic coarse tuff, greenish o | ark orall containing able the | 111.90m: Chalco | opyrite vein, width 5mm. |
| | | 4 | patches (size: 2-3mm), with a | uartz-eve (size: 0.3-1.0cm) | | Chalcopyrite veinlets, width |
| | · · · · · · | | Chalcopyrite veinlets are spo | aurcany distributed. | | Nada and 18 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - |
| 115 | 11° 11° 11° 11° 11° 11° 11° 11° 11° 11° | 114.50 | | | 114.35~ .50m: C m. | Chalcopy rit e vein, width 7m |
| | | <115T | | | 110 50 01 1 | |
| | - """"""" """""" | | | | T 10.50m: Chaice | opyrite vein, width 1-2mm. |
| | | u u | Lapilli tuff, dark green, contair | ing silicic rock fragments (s | siz | |
| | _ u`` u`` u`` u`` u`` u`` u`` u`` u`` u` | 9 | e: 5-10mm), with quartz-eye (tic lapilli tuff, weakly meta, cla | (size: 0.7-1.0cm). 115T: Da stic to porphyritic. | ici | |
| 120 - | | | | | | |
| | - " " " " " | 121.70 | | ۰, | | |
| | | 12 | Andesitic lapilli tuff, with quart | | | |
| | | | (size: 2-3mm), epidotized frag | ments (size: 0.5–0.7cm), sili | ci | |
| 125 - | - // // // // // // // // // // // // // | <124T 124.40 | c rock fragments are very few weakly meta, clastic to porphy | | | |
| 120 | | | | | | |
| | """""""""""""""""""""""""""""""""""""" | | Lapilli tuff, dark green, size of -eye. | fragments: <1cm, with quar | tz | |
| | """"""" """""" | 128.35 | | | | |
| | - 11 11 11 11 11 - 11 11 11 11 11 - 11 11 11 11 11 | 128.35 128.40 | Chloritized part, with chalcopy Andesitic lapilli tuff, greenish o | | ant | |
| 130 - | | 129.85 | s (size: 0.5-4.0cm), with quart | z-eye. | anc | |
| | | | Lapilli tuff, dark green, contain | ing silicic rock fragments (s | siz | |
| | | | e 5-7mm) sporadically, partly | banded, with epidote veinle | ts. | |
| | - ^{11 ° 11} ° 11 ° 11 ° 11 ° 11 ° 11 ° 11 | | | | | |
| | | | | | | |
| 135 - | | | | | | |
| | | 136.70 | Andraitis to 10 to 1 | | | |
| | | 137.60 | Andesitic lapilli tuff, dark green oclase (size: 2-5mm), andesitic | n, greenish white altered pla ? fragments (size: 0.5–3.0 | agi c | |
| | | | m), with small quartz. Dolerite, greenish gray, with ca | alcite veinlets. 138T: Doleri | it | |
| 140 - | | 139.20 | e, weakly meta, ophitic. | | | |
| | | | Desite 1 0 | | 、 | |
| | | | Dacite lava?, massive, plagiocl | ase phenocryst (size: <1mm | n). | |
| | | 143.15 | | | | |
| | | 143.70 | 143.15– .50m: Fine tuff, light g 143.50– .70m: Chloritized part, | reen, silicified. quartz vein network, barre | ภ | |
| 145 - | 11 11 11 11 1 11 11 11 11 1 | | Andesitic lapilli tuff, dark greer | | | |
| | 11 11 11 11 11 1 11 11 11 11 11 1 | | sitic rock fragments (size: 0.5- | 2.0cm), epidotized plagiocla | 16 15 | |
| | 11 11 11 11 11 1 11 11 11 11 11 1 11 11 | | e (size: 2–3mm), and quartz-ey | ve, chiontized. | | |
| | | | | | | |
| | 11 11 11 11 11 1 11 11 11 11 11 1 | | | | | |
| 150 - | ~ ~ ~ ~ ~ ~ ~ | | | · · · · · · · · · · · · · · · · · · · | | |

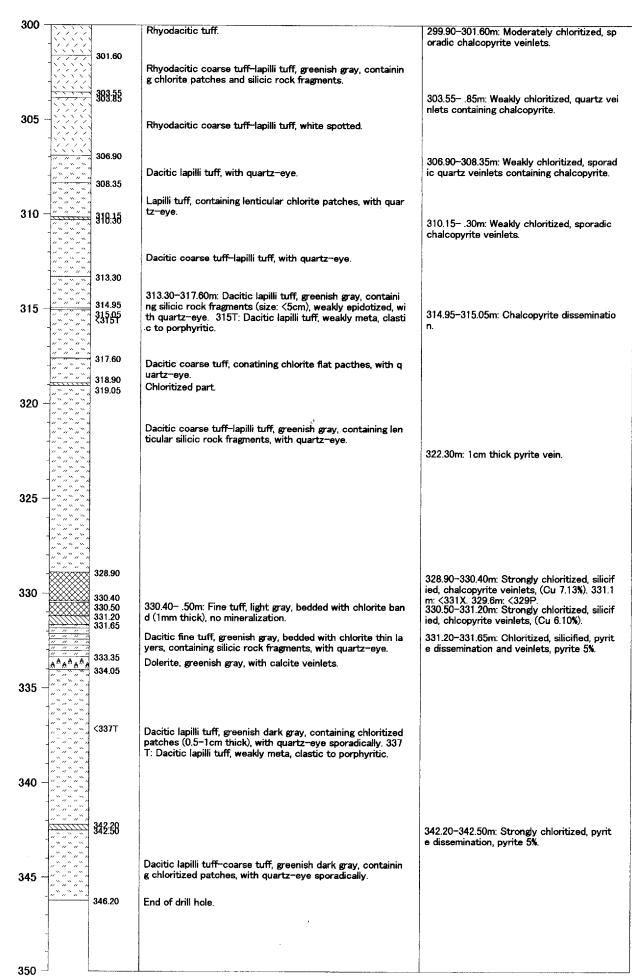
| | Hole No Started: | D.: | MJSU-5 September 28 | Easting: Northing: | E 709.148 N 2,619.738 | |
|--------|---|----------------------------|--|--|--------------------------|------------------------------|
| Date C | Complete | ed: | October 12 | Elevation(mSL): | 963 | Drilled by DMMR/BRGM |
| Depth | | pth | Lith | ology | Mineralizatio | n & Alteration |
| | | | | | | |
| 150 - | | | | | · | |
| | | 151.89 | Choritized tuff, black. | | 151.30-151.65n ets. | n: Pyrite−chalcopyrite veinl |
| 155 - | | | | | 154.90m: Chalc cm | opyrite-pyrite vein, width 1 |
| | | | | | | |
| 160 - | | | Andesitic lapilli tuff, greenish o rtly coarse tuff, containing epi 1.0cm), epidotized plagioclase 65T: Andesite lapilli tuff, weak | dotized fragments (size: 0.5- (2–3mm), with quartz-eye. | - 1 | |
| 165 - | | <165T | | | | |
| | | | | | | |
| 170 - | | | | | | <i>,</i> |
| 175 - | A^A^AA^A - A^AA^AA^A | 173.05 174.30 | Basalt∽dolerite dike, greenish ts. | dark gray, with calcite veinle | | |
| | | | Andesitic lapilli tuff, greenish c ed andesitic fragments (size: C | lark gray, containing epidotiz .5–3.0cm), with quartz-eye (| | |
| 180 - | | | size: 0.7–1.2cm). | | | |
| | | 181.85 182.90 | Bedded coarse tuff, greenish I chlorite patches, dip 20. Dacitic coarse tuff, greenish g | | | |
| 185 - | | 184.70 185:55 | Silicified part. | | | |
| | | | Andesitic lapilli tuff-coarse tuf ning epidotized andesitic fragn oclase (size: 2-3mm), with qua | nents (size: 0.5-1.0cm), plagi | | |
| 190 | 11 11 11 11 11 1 71 71 71 71 71 11 11 11 11 11 1 11 11 11 11 11 1 11 11 11 11 11 1 | 190.20 190.35 192.20 | Strongly chloritized part, shear Andesitic lapilli tuff. | | | |
| 105 | | 192.25 <194T | Quartz vein, barren, width 4cm | n, dip 35. | | |
| 195 - | | 196.50 | Andesitic coarse tuff, greenish clase (size: 2–3mm), with quar tuff, weakly meta, clastic to po | tz-eye. 194T: Andesite lapill | li | : Strong chloritization. |
| | | | Andesitic coarse tuff, dark gra quratz. | v. with quartz-eve and small | | |

| Drill Hole No.: Date Started: | | 0.: | MJSU-5 September 28 | Easting: Northing: | E 709.148 N 2,619.738 | |
|----------------------------------|---|-------------------|---|----------------------------------|--------------------------|---|
| ate (| Complet | ed: | October 12 | Elevation(mSL): | 963 | Drilled by DMMR/BRG |
| Depth | | epth | Litho | blogy | Mineralizatior | n & Alteration |
| | | | | | | |
| 200 | | 200.30 | | | | |
| | | 1 | | | | |
| | | 1 | | | | |
| | | 1 | | | | |
| | | 1. | | | | |
| 205 | | 1 | | | 204 60-205 25m | : Chloritized part. |
| 205 | 11.11.11.11. | | | | 204.00 200.2011 | |
| | | 1 | | | | |
| | | 1 | Andesitic lapilli tuff, greenish g | rav, partly tuff breccia, conta | | |
| | | | ining epidotized andesitic fragm | nent (size: 0.5-6cm), with epi | - | |
| | | 1 | dotized plagioclase. Quartz-ey dically distributed. 210T: Ande | | c | |
| 210 - | 11 11 11 11 | | lastic to porphyritic. | | | |
| 210 | | <210T | | | | |
| | | 1 | | | | |
| | | | | | | |
| | | | | | | |
| | | 1 | | | | |
| 015 | | | | | | |
| 215 | | 215.40 | | | | |
| | | 1 | Coarse tuff, greenish dark gray | , with quartz-eye, containin | | |
| | | 217.20 | g chlorite patches. | | 01700 05 0 | |
| | | 4 | 217.35-218.30m: Silicifiled part | : (coarse tuff). | disseminated, py | hloritized part, black, pyrite vrite 5% |
| | | 218.30 218.90 | Layered fine tuff, gray. | | | |
| 000 | <i></i> | | | | | |
| 220 | 11 11 11 11 11 11 11 11 11 11 11 11 | | | | | |
| | | | Alternating bed of epidotized la | apilli tuff and coarse tuff. Qua | 1 | |
| | | | rtz-eyes (size: 5-10mm) are sp | oradically distributed. | | |
| | | | | | | -chalcopyrite (few) dissemi |
| | <u></u> | | | | nated, 2–3cm wi | idth. |
| 005 | | | | | | |
| 225 - | <u>" " " "</u> | 225.35 | Fine tuff, light gray, laminated. | | | |
| | - <u>// // //</u> // // // // | | i no an, igre gray, ianinated. | | 229.80-233.90m | : Weakly silicified, chalcopy |
| | | 226.75 | | | | partly distributed. |
| | -"""" | | | | | A A A A A A A A A A |
| | ······································ | | Dacitic coarse tuff, greenish da | ark gray, with quartz-eye. | 233.90-234.00m: | : Chalcopyrite veinlets. |
| | <i>"</i> ` <i>"</i> ` <i>"</i> ` <i>"</i> | 229.80 | | | | |
| 230 - | <u>"</u> """"", | 230.70 | Quartz-eye until 230.70m. | | | Strongly chloritized part, |
| | | 230.70 | | | pyrite dissemina | ted, pyrite 25%. |
| | 12222 | | Rhyodacitic tuff?, light green, w | reakly silicified, no quartz-e | 235 30-235 65- | : Weakly silicifiled, containi |
| | | | yo. | | | veinlets, (Cu 3.24%). |
| | | 233.90 | | | | |
| 09E | | 234.50 | 234.0050m: Weakly silicified | | | : Chloritized part, containi veinlets, (Cu 1.06%). 236.1 |
| 235 - | | 235.30 235.65 | | | m: <236P. 236.1r | |
| | hand | 236.05 236.20 | Coarse-fine tuff, greenish light | grav, banded | | Chloritized part, black, lay |
| | | 237.30 | | G | | te 20%, (Cu 0.66%) |
| | | | 1 | | 220.00- 25 03 | ligitized month a sub-station of |
| | | 238.55 | Dacitic lapilli tuff, greenish dark | gray, few pyrite disseminate | Icopyrite film. | licified part, containing cha |
| 240 - | | 239.20 | d | | 239.5575m: Ch | hloritized part, layered pyrit |
| L-TU * | - XXXXXX | 240.45 | 239.7595m: Dacitic lapilli tuff | , pyrite disseminated. | | u 0.51%). Chloritized part, layered p |
| | 12223 | | Rhyodacitic tuff, banded. | | yrite, pyrite 30%, | (GU 0.94%). |
| | $\overline{\mathbb{C}}$ | 241.80 | | | | This interval contains se |
| | | | | | | parts (5cm thick), silicified, ted, very few chalcopyrite. |
| | 1999 | 243.90 | Disconde state los titos en en esta | k | pynos Gasoniniel | tos, tory tow oneroupyrite. |
| 245 - | 옷것 | | Rhyodacitic lapilli tuff, greenish | gray, banded. | | |
| _ 10 | XXXXX | 245.65 | | | 045.05 0 | |
| | 10000 | <246X | | | | This interval contains se parts (1–5cm thick), mainly |
| | 10000 | | | | | opyrite, (Cu 1.02%). |
| | | 247.70 | Rhyodacitic lapilli tuff, greenish | gray handed 240T Deved | 249 80-250 20 | Chloritized part, lavered p |
| | 1993) | /040 - | acite lapilli tuff, weakly meta, cl | | yrite, pyrite 10%. | |
| | 1 | <249T | 1 | | 1 | |

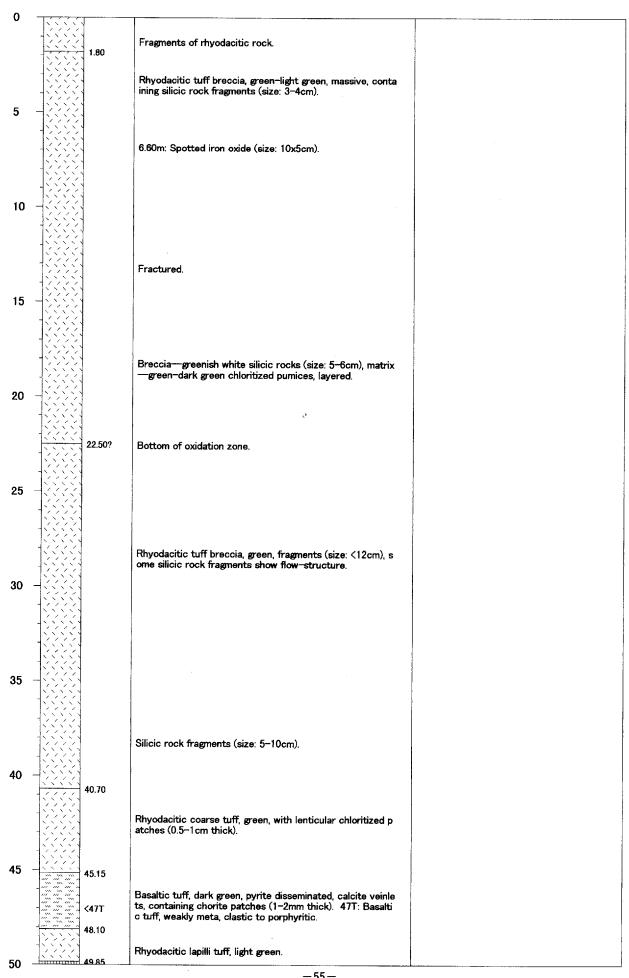
| Drill Hole No.: | MJSU-5 | Easting: | E 709.148 | |
|-----------------|--------------|-----------------|----------------|----------------------|
| Date Started: | September 28 | Northing: | N 2,619.738 | |
| Date Completed: | October 12 | Elevation(mSL): | 963 | Drilled by DMMR/BRGM |
| Depth | Litholo | gy | Mineralization | n & Alteration |

| 050 | | | | |
|---------------|--|------------------|--|--|
| 250 | | 250.20 250.35 | Basic dike, not altered. | 250.35-251.70m: This interval contains se |
| | A** A** A** | 251.70 | Dolerite dike. | veral chloritized parts (approx. 5cm), pyrite 5%, chalcopyrite few, (Cu 0.62%). |
| | 1888 | 202.10 | Rhyodacitic tuff. | |
| | - | 253.80 | Basic dike. | |
| 255 | | 253.90 | Rhyodacitic lapilli tuff, dark green, containing 2–3mm thick | |
| 200 | | 255.45 | pyrite layers. | 255.45–256.30m: Chloritized, pyrite banded, |
| | | 256.30 | | chicopyrite veins cut the pyrite bands, (Cu 2.58%). |
| | | | Bedded rhyodacitic fine~coarse tuff, light gray . | 2.50%). |
| | 11 11 11 11 | 258.30 | Andesitic lapilli tuff, silicified, plagioclase weakly epidotized, | |
| | 7.7.7. | 259.10 259.55 | mafic minerals (size: 1–2mm) are chloritized. small quartz. | |
| 260 - | | | 259.1055m: Chloritized part, with quartz veinlets. | |
| | | | | |
| | | | | |
| | | | Rhyodacite dike? greenish light gray, hard, massive, plagioc | |
| | | <264T | lase 1mm, epidotized. 264T: Rhyodacite, weakly meta, porp hyritic. | |
| 265 - | | | | |
| | | | | |
| | | | | |
| | | 267.80 268.35 | Dacitic? coarse tuff, dark green, dip 55. | |
| | L L L L | 268.90 | | |
| 270 - | | | Lithology and mineralization at the interval between 268.9 | |
| | | | 0-275.40m are shown in the attached detailed lithologic lo | |
| | | | . g (scale 1:50). | |
| | | | | |
| | | | en e | |
| 275 - | | | | |
| | | 275.40 | Dacitic coarse tuff, greenish dark gray, containing flat chlo | |
| | | 276.35 277.15 | rite patches, with quartz-eye. | 276.35-277.15m: This interval contains 4 c |
| | | 277.80 278.15 | Dacitic coarse tuff, greenish dark gray, with quartz-eye. | halcopyrite veins, each vein is 1-3cm wide, chloritized, (Cu 0.70%). |
| | ······································ | 278.15 | | 277.80-278.15m: Chloritized part containin g chalcopyrite, (Cu 1.06%). |
| 280 - | """""""""""""""""""""""""""""""""""""" | 280.00 | Dacitic coarse tuff, containing chlorite patches, with quart z-eye. | |
| 200 | | 280.00 280.35 | | 280.0035m: Siliceous part, containing jas per fragments, pyrite banded. |
| | | | | por ragnone, pyres sanasa. |
| | | ļ | Rhyodacitic lapilli tuff, light green, with chlorite patches. 2 83T: Rhyodacite lapilli tuff, weakly meta, clastic to porphyrit | |
| | | <283T | ic. | |
| 005 | | | | |
| 285 - | | 285.25 285.50 | | 285.2550m: Chloritized, with chalcopyrit |
| | | | Rhyodacitic coarse tuff, banded with chlorite layers, pyrite | e veinlets, (Cu 1.96%). |
| | | 287.40 | disseminated, strongly chloritized. Coarse tuff, greenish gray, grading, fine dawnward. | |
| | <u>// // // // // // // // // // // // // </u> | 287.95 | | |
| | | 289.20 | Alternating beds of light green fine-grained clastic layers a nd chlorite layers. | |
| 29 0 - | | | | |
| | | | | |
| | | | Rhyodacitic tuff, greenish gray-greenish dark gray, with ch | |
| | | | lorite thin layers. | |
| | | 294.20 | | |
| 295 - | """""""""""""""""""""""""""""""""""""" | | | |
| | | | Dacitic tuff, greenish gray, containing chlorite thin layers, | |
| | <i>u`` u`` u`` o</i> u`` <i>u`` u`` o</i> | | with quartz-eye sporadically. | |
| | | 298.20 | Banded rhyodacitic coarse tuff. | |
| | | 298.95 | | 298.95-299.90m: Weakly chloritized, with c |
| 300 - | | 299.90 | | halcopyrite veinlets, few. |
| | | | -52 | |

| Depth | Lithology | | Mineralizatio | n & Alteration |
|-----------------|--------------|-----------------|---------------|----------------------|
| Date Completed: | October 12 | Elevation(mSL): | 963 | Drilled by DMMR/BRGM |
| Date Started: | September 28 | Northing: | N 2,619.738 | |
| Drill Hole No.: | MJSU-5 | Easting: | E 709.148 | |
| | | | | |

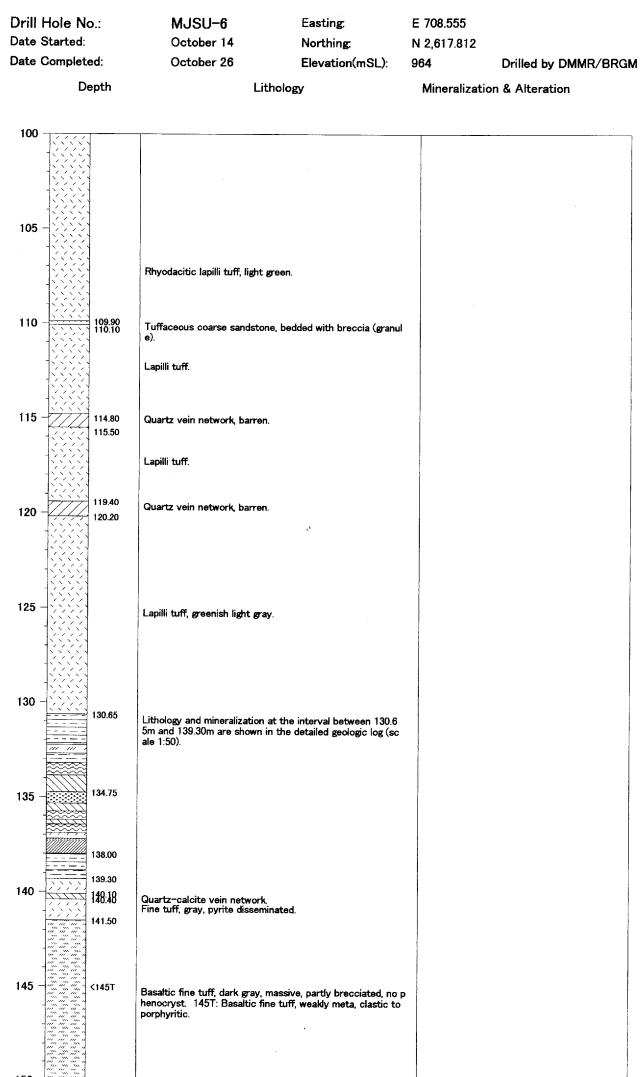


| R/BRGM |
|--------|
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| |
| |
| |



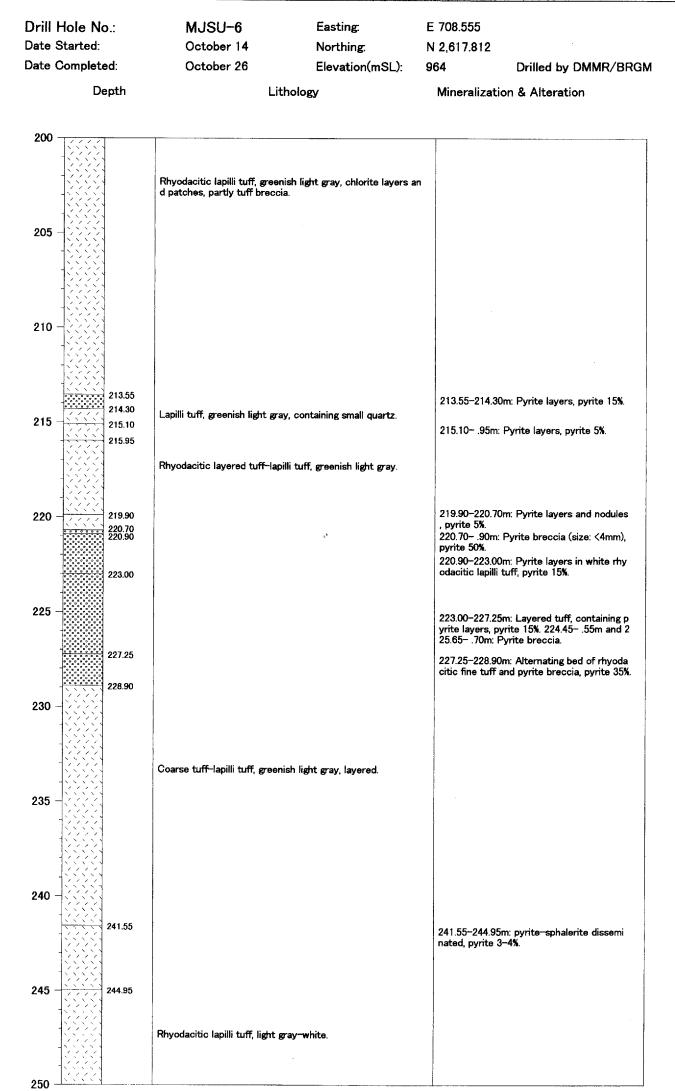
| Drill Hole No.: | MJSU-6 | Easting: | E 708.555 | |
|-----------------|------------|-----------------|--------------|----------------------|
| Date Started: | October 14 | Northing: | N 2,617.812 | |
| Date Completed: | October 26 | Elevation(mSL): | 964 | Drilled by DMMR/BRGM |
| Depth | Li | thology | Mineralizati | on & Alteration |

| 50 | -1111111111 | | 49.85-50.55m: this interval contains reddish jasper fragme | |
|--------------|-------------|----------------|---|---|
| | | 50.55 | nts (size: 0.5–3.0cm) in lapilli tuff. | |
| | | | | |
| | | 52.65 | Rhyodacitic lapilli tuff-coarse tuff, green. 52.65-58.65m: cl ayey, calcite veinlets. | |
| | |] | | |
| | | | | |
| 55 | | | | |
| ••• | |] | | |
| | 1222 | | | |
| | | | | |
| | 1555 | 4 | | |
| | | 58.65 | | |
| | | | Basaltic fine tuff, greenish gray, calcite veinlets. 58T: Basa | |
| 60 | | <59T | ltic fine tuff, weakly meta, clastic to porphyritic. | |
| | | | | |
| | | 61.60 | | |
| | | | Layered tuff, greenish gray, containing chlorite thin layers. | |
| | 12222 | | | |
| | | 64.15 | | 64.15–65.20m: This interval contains pyrite |
| 65 | - | 65.20 | | layers (0.5cm thick) sporadically. |
| | | 66.15 | | |
| | | 66.90 | | 66.15-66.90m: This interval contains pyrite layers (1-2mm thick) sporadically. |
| | | 00.50 | | layers (1-2mm thick) sporadically. |
| | 15555 | | | |
| | | | | |
| 70 | | | | |
| | | | Rhyodacitic coarse tuff, layered, white spotted. | |
| | 12222 | | | |
| | | | | |
| | | 72.60 73.00 | Basaltic fine tuff, dark green. | |
| | | 74.10 | ν ¹ | |
| 76 | A*A*A*A | 74.10 ≤74T | Dolerite, greenish gray, massive, dip 70. 74T: Dolerite, wea | |
| 75 | | 75.00 | kly meta, micro-ophitic. | |
| | | | | |
| | | | Divergenitie levilli tufficences tuffi light mean containing a | |
| | | | Rhyodacitic lapilli tuff-coarse tuff, light green, containing c hlorite thin layers. | |
| | | | | |
| | | | | |
| 80 | ->>>> | | | |
| | | | | |
| | | 82.00 | | |
| | | | 82.00-88.00m: this interval contains jasper fragments spor adically in light green layered tuff. | |
| | | 83.05 | | 83.05~85.00m: This interval contains pyrite |
| | | | | layers (1cm thick) sporadically. |
| 85 | | 85.00 | | |
| | 1000 | | | |
| | | | | |
| | 1222 | | | |
| | | 88.00? | | |
| | -555 | | | |
| 9 0 · | | | | |
| 50 | | | Layered tuff, light green, containing chlorite bands. | |
| | | | | |
| | 1222 | | | |
| | 1223 | | | 92.60m: 1–4cm thick pyrite layer. |
| | 1555 | | | |
| 6 - | 1222 | | | |
| 95 · | | | | |
| | | | | |
| | | 97.00 | | |
| | 맛〉〉〉 | | | |
| | | 98.70 | Lapilli tuff, partly tuff breccia. | |
| | 1222 | 50.70 | | 98.70–99.90m: This interval contains pyrite |
| 100 | 1 | 99.90 | | layers. |
| | | | — 56 — | |
| | | | | |



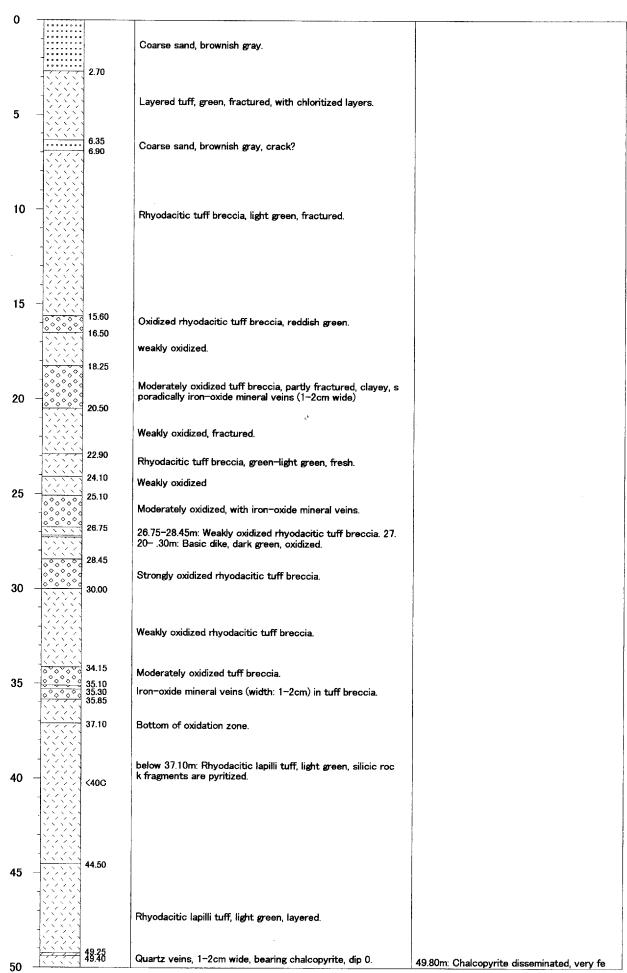
| Drill Hole No.: | MJSU-6 | Easting | E 708.555 | |
|-----------------|------------|-----------------|---------------|----------------------|
| Date Started: | October 14 | Northing: | N 2,617.812 | |
| Date Completed: | October 26 | Elevation(mSL): | 964 | Drilled by DMMR/BRGM |
| Depth | L | ithology | Mineralizatio | on & Alteration |

| 150 | | | |
|---|-------------------|---|---|
| 150 | Ba | asaltic tuff, calcite veinlets. | |
| | | | |
| | 2.75 Qu | uartz vein, barren | |
| 1111 | 14 | nyodacitic lapilli tuff, dark green, choloritized. | |
| | 4.05 4.25 15 | 4.2560m: Pyrite-calcite-quartz veinlets, 154.6085 | 154.05– .25m: Chloritized lapilli tuff, black, c ontaining pyrite-chalcopyrite layers. |
| A*A*A*A | D/ | Rhyodacitic tuff, containing pyrite veinlets. Serite dike, greenish light gray, weakly epidotized. Mafic | oncaining pyrice-chalcopyrice layers. |
| 10: | | inerals are chloritized. | |
| | | | |
| | | yodacitic coarse tuff, light gray, partly lapilli tuff, white sp | |
| 150 | i9.60 | ted. | |
| 160 インシンン | Tu | uff breccia. | |
| | 10.75 10.95 Sa | andy coarse tuff. | |
| | | | |
| | La | ayered tuff, light gray, partly lapilli tuff, white spotted. | |
| | | | |
| 165 - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | |
| | | | |
| 167 | 6.80 7.05 Fir | ne−coarse tuff, greenish gray. | 166.80-167.05m: Tuffaceous coarse sands |
| 167 | 57.70 | | tone, containing thin pyrite layers, pyrite 5 %. |
| | | apilli tuff, greenish light gray, containing chlorite patches Id layers. | |
| | 0.00 | | |
| | Tu | uff breccia, greenish light gray. | |
| 171 | 1.70 | | |
| | | avered tuff, greenish light gray, chlorite thin layers, white | |
| 174 | | otted. | |
| 175 - 2222 174 | 4.35 | | 174.2035m: Chalcopyrite disseminated v ery few. |
| | | | |
| | | ι. | |
| | | | |
| | | | |
| 180 | | | |
| | | | |
| | 2.15 | | |
| | 2.15 | | 182.15– .90m: Pyrite-chalcopyrite layers in layered tuff. |
| | | | |
| 185 - | | | |
| | La | pilli tuff-white spotted coarse tuff. | |
| | | | |
| | | | |
| | - | | |
| | | | |
| 190 - >>>>> | | | |
| | 1.30 1.50 Ba | asic dike, light green. | |
| | | | |
| | | | |
| | | | |
| 195 - >>>>> | Rh | nyodacitic lapilli tuff, greenish light gray. | |
| | | | |
| | | | |
| | | | |
| | | | |
| 200 | ł | - 58 | |



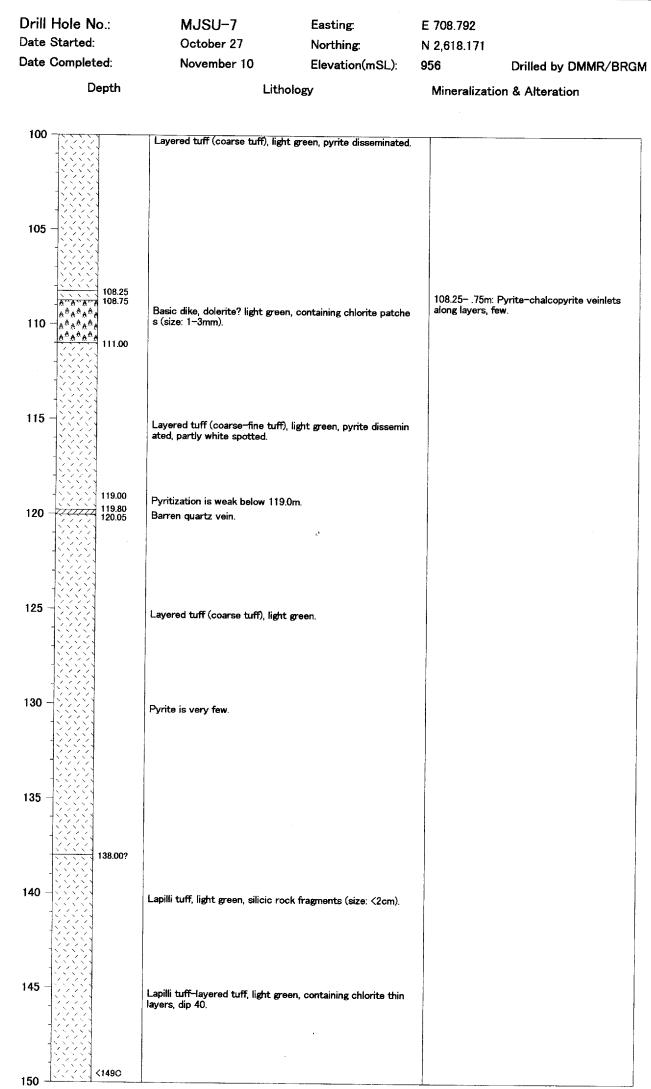
- 59 ---

| Depth | Depth Litholog | | Mineralizatio | n & Alteration |
|-----------------|----------------|-----------------|---------------|----------------------|
| Date Completed: | November 10 | Elevation(mSL): | 956 | Drilled by DMMR/BRGM |
| Date Started: | October 27 | Northing: | N 2,618.171 | |
| Drill Hole No.: | MJSU-7 | Easting: | E 708.792 | |
| | | | | |



| Drill Hole No.: | MJSU-7 | Easting: | E 708.792 | |
|----------------------------------|---------------------------|------------------------------|--------------------|----------------------|
| Date Started: Date Completed: | October 27 November 10 | Northing: Elevation(mSL): | N 2,618.171 956 | Drilled by DMMR/BRGM |
| Depth | Litholo | gy | Mineralizatio | n & Alteration |

| 50 | | | |
|-----|---|---|---|
| 55 | <56C | Rhyodacitic lapilli tuff, light green. Silicic rock fragments ar e pyritized. | |
| 60 | 60.00 <60P 60.20 | | 60.0020m: Quartz vein, white, bearing ch |
| | 62 85 | Rhyodacitic lapilli tuff, light green, silicic rock fragments sp oradically. | alcopyrite, dip 0, (Cu 0.91%). |
| 65 | <63P 63.50 64.85 | Lapilli tuff. | 62.85-63.50m: This interval contains chalc opyrite bearing quartz veins, 1-2cm wide, (Cu 2.05%). 63.50-64.85m: Pyrite-chalcopyrite dissemi nated sporadically. |
| | | Lapilli tuff–coarse tuff, light gray, dip 40, pyrite disseminate d. | |
| 70 | 70.15 | Basaltic fine tuff, dark green, calcite veinlets. 72T: Basalti c fine tuff, weakly meta, clastic to porphyritic. | 70.15–72.65m: Pyrite veinlets. |
| 75 | <72T 72.65 73.45 74.30 <74C | Rhyodacitic coarse tuff, light green, layered. dark green, partly black basaltic? fine tuff, | 72.65–73.45m: Pyrite veinlets along layers. 73.45–74.30m: Pyrite-calcite veinlents alo ng layers. |
| 75 | 76.55 <76P 76.70 | Basaltic? fine tuff, dark green-black. Rhyodacitic coarse tuff, light green, layered. | 74.30–76.55m: Pyrite veinlets, pyrite 20%. 76.55– .70m: Siliceous pyrite ore, containin g chalcopyrite-quartz veinlets, pyrite 35%. |
| 80 | 78.05 80.00 | Rhyodacitic coarse tuff, layered. | 76.70–78.05m: Pyrite is disseminated, chal copyrite is disseminated sporadically, pyrite 10%. 80.00m: Quartz vein, 5cm wide, bearing sma |
| | <81C | Coarse tuff & layered lapilli tuff, light green, pyrite dissemin ated. | II amount of chalcopyrite. |
| 85 | | | |
| | 87.30 | | 87.30m: Chalcopyrite is disseminated. |
| 90 | | Coarse tuff-lapilli tuff, layered, light green, pyrite dissemina ted, dip 45–60. | |
| 95 | | | |
| - | | | |
| 100 | | 62 | |



-63-

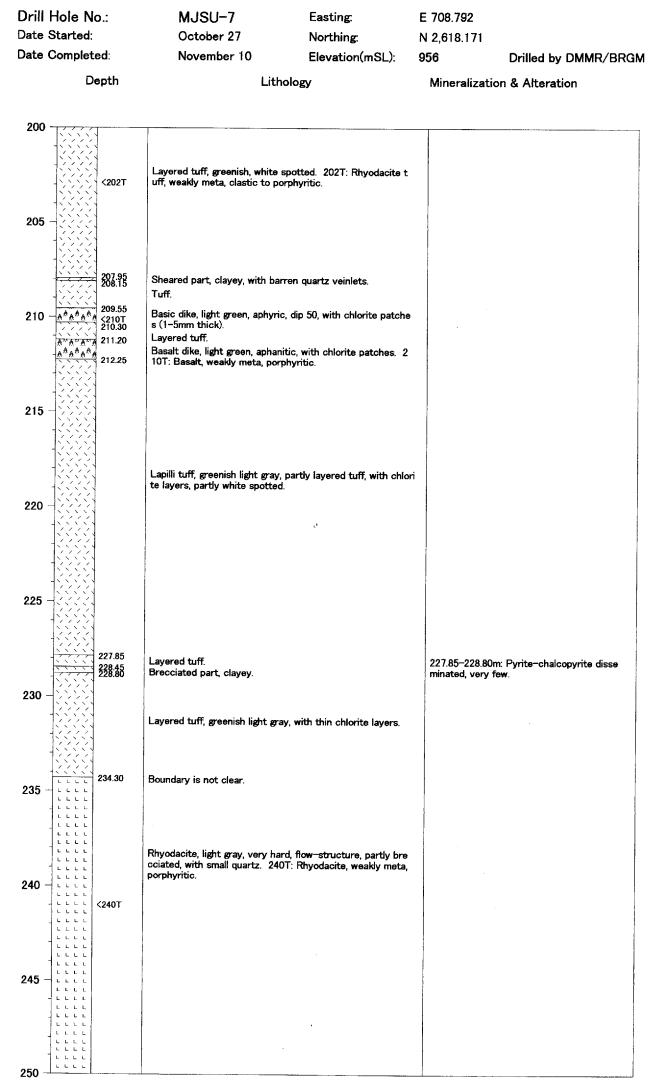
| Drill Hole No.: | MJSU-7 | Easting: | E 708.792 | |
|-----------------|-------------|-----------------|-------------|----------------------|
| Date Started: | October 27 | Northing: | N 2,618.171 | |
| Date Completed: | November 10 | Elevation(mSL): | 956 | Drilled by DMMR/BRGM |

Depth

Lithology

Mineralization & Alteration

| 150 - | | | | 1 |
|-------|----------|---------------------------|---|---|
| | | | | |
| | | | Lapilli tuff, white-light green. | |
| | | | | |
| | | | | |
| 155 - | | | | |
| | A*A*A*A | 156.10 | Basic dike, dolerite? light green, dip 70. | |
| | 1.5.5.5 | 156.65 | | |
| | | | Rhyodacitic lapilli tuff, pyrite disseminated, pyrite 2–3%, part | |
| | | | ly hematite stains. | |
| 160 - | | 159.80 | | |
| | | | | |
| | | | | |
| | | | Rhyodacitic layered tuff, with chlorite layers, white spotted | |
| 105 | | | | |
| 165 - | | | | |
| | | | | |
| |]//// | | | |
| | | | | |
| 170 - | | 170.00 | | |
| 170 | | 110.00 | | |
| | | | | |
| | | | Tuff breccia, white silicic rock fragments (size: <5cm), with small quartz. | |
| | | 173.85 | 173.85–179.0m: Lapilli tuff-layered tuff. | 173.85–174.55m: Chalcopyrite disseminate |
| 175 - | | 174.55 | | d, very few. 174.55-176.00m: Pyrite-chalcopyrite-sph |
| | | 176.00 | | alerite layers. |
| | | | | |
| | | 177.90 | | 177.90m: Chalcopyrite-pyrite-spharerite v |
| | | 179.00 | | einlets. |
| 180 - | | | | |
| | | | Lapilli tuff, light green, silicic rock fragments (size: <3cm), w | |
| | | | ith small quartz, partly layered, with chlorite layers, weakly pyrite disseminated. | |
| | | | | |
| | | | | |
| 185 - | 5555 | | | |
| | | | | |
| | | | | |
| | | | | |
| 100 | | | | |
| 190 - | | 190.30 190.40 | Brecciated and silicified part, black, pyrite disseminated. | |
| | | | Lapilli tuff, layered, light green. | |
| | | 192.65 | 192.65–194.55m: Lapilli tuff, whitish. | 192.65–193.55m: Chalcopyrite-sphalerite d |
| | | 193.55 | | isseminated, few. |
| 195 - | | 194.55 195.00 | | 193.55–194.55m: Chalcopyrite-sphalerite d isseminated, very few. |
| | <u> </u> | 19510 195.70 195.95 | 195.0010m & 195.7095m: Basic dike, light green, with chlorite patches. | |
| | A^^^^ | 195.95 196.50 | Basic dike, dolerite, green, with chlorite patches. | |
| | A*A*A*A | 197.90 198.30 | | 197.90-198.30m: Pyrite-chalcopyrite-sph |
| | | 198.30 | averal tuff manich light way with small suggest | alerite veinlets, few. |
| 200 - | | | Layered tuff, greenish light gray, with small quartz. | · |
| | | | -64- | |



-65-

| Drill Hole No.: | MJSU-8 | Easting: | E707.196 | |
|---|---|---|---------------------------------------|--|
| Date Started: | October 30 | Northing: | N2,620.623 | |
| Date Completed: | November 13 | Elevation(mSL): | 955 | Drilled by DMMR/BRGM |
| Depth | Lit | nology | Mineralizatio | n & Alteration |
| 0 | Slime. | | | |
| | Sume. | | | t |
| | Porphyritic rock, light green, | plagioclases are dominant (siz | | |
| | e: 2-8mm), fresh mafic miner epidotized and chloritized. | als are not confirmed, weakly | | |
| | | | | |
| 5 (***** | | | | |
| | | | | |
| | | | | |
| <u>******</u> 8.00 | | | | |
| 10 - A* A* A* A 9.70 | Non-core, crack | | | |
| <u>≜</u> ≜≜≜≜≜ 101 | 8.00-13.30m: Basalt dike, gr | eenish light gray, aphyric, wea ed, calcite veinlets. 10T: Basa | | |
| A*A*A*A | t, weakly meta, porphyritic. | ad, calcite verniets. 101. Dasa | | |
| | | | | |
| 15 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | 14.20-15.30m; Basic dike, 14 | .20–15.00m: Sheared & oxidiz | | |
| 28 28 28 15.30 | ed part, 15.00-15.30m: Silicif | ied part. | | |
| 16C | Porphyritic rock | | | |
|]& <u>``</u> & <u>``</u> &] | i dipinjilao rook | | | |
| | 18.25-18.50m: plagioclase sm | nall (size: 1–2mm). | | |
| 20 - *** | | | | |
| | | L. ⁹ | | |
| | Porphyritic rock, green-light | green fresh mafic mineral fe | | |
| | w, plagioclase dominant (size orphyritic basalt, weakly met | : <0.7 cm), chloritized. 20T: P | | |
| | o.p.ijinio Buoure, nodrzy mod | a, porprigrido. | | |
| 25 | | | | |
| | | | | |
| | | | | |
| | | | | |
| 30 - 30 - 30 - 30 - 30 - 30 - 30 - 30 - | | | | |
| 30.30 30.70 31.25 | 30.3070m: Strongly silicifie dacite?, with quartz veinlets | (1-3cm wide). | | |
| | 30.70-31.25m: Oxidized and t | precciated part. | | |
| A* A* A 33.30 A* A* A 33.70 | Basic dike, no mineralization. | | | |
| | | | | |
| 35 | | | | |
| | Silicified rock, white-light gra | y, brecciated, pyrite veinlets, tuff? hightly silicifiled, clastic t | | |
| | o porphyritic. | <u> </u> | | |
| <38С <39Т | | | | |
| 40 - | | | | |
| | | | | |
| 41X 42.45 | | | | |
| | | | 42.45-45.65m: F poradically, pyrit | Pyrite veins (2–4cm wide) s te 10%. |
| 45 | | | | |
| 45 45.65 | | | | |
| | | | | |
| | Rhyodacitic lapilli tuff?, dark ilicic rcok fragments (size: 0.5 | green, chloritized, containing s i-1.0cm). | | |
| | | | | |
| 50 50 | | | | |

| Drill Hole No.: Date Started: | MJSU-8 October 30 | Easting: Northing: | E707.196 N2,620.623 | |
|----------------------------------|----------------------|-----------------------|------------------------|----------------------|
| Date Completed: | November 13 | Elevation(mSL): | 955 | Drilled by DMMR/BRGM |
| Depth | Litholo | gy | Mineralizatio | n & Alteration |

| 50 | | | | |
|-------|--|--|---|---|
| 20 | | | Rhyodacitic lapilli tuff-coarse tuff, gray, chloritized, white s potted, with chlorite layers. | |
| 55 | | 54.00 54.15 | Basic dike, light green, dip 70. | |
| | | <57T <58C | 54.15–60.45m: Rhyodacitic coarse tuff, gray, carbonatized, chloritized, white spotted. 57T: Rhyodacitic coarse tuff, w eakly meta, clastic to porphyritic. | |
| 60 | | 60.45 61.00 | Coarse tuff, light gray, carbonatized. | |
| 65 | | | Rhyodacitic coarse tuff, dark gray, chloritized, carbonatize d, pyrite disseminated. | |
| | | | 69.55-70.65m: Tuffaceous breccia bed, consisting of silici c rock fragments (size: <1cm), pyritized rock fragments (si ze: <3cm), and light green pumices, reverse grading 70.65-70.90m: Chloritized & carbonatized part, black, calci | |
| 70 | | 69.55 | te crystals (size: <1cm). | |
| 70 | | 70.65 70.90 | 70.90-71.95m: Tuffaceous breccia bed, consisting of pyriti zed rock fragments and silicic rock fragments (size: <1cm). | |
| | | 71.95 72.60 73.25 <73P 73.55 | 71.95−72.60m: Chloritized & carbonatized part, black, calci te crystal <1cm. 72.60−73.25m: Coarse tuff, dark gray, with cloritized layers, weakly pyritized. | 73.25–73.55m: Mineralized part, copper ore block (4 by 4cm, 73.27m), zinc ore block (7 |
| 75 | | <74X | Clayey fine tuff, light gray, banded with pyrite thin layers, py rite 20%. | by 7cm, 73.30–.55m), (Cu 0.90%, Zn 12.74%) |
| 80 | | 77.20 77.40 79.20 | | 77.20– ,40m: Fine-grained pyrite, muddy, py rite 55%. |
| | | 82.65 <8335 83.35 | Shale, dark gray, soft, banded with pyrite layers (<2cm thic k), pyrite 20%. | 82.65-83.35m: Massive sulfide mainly consi sting of fine-grained pyrite, pyrite 45%, (Cu 1.57%), with gray siliceous layer at the dept h of 82.5060m. 83.35-85.10m: Silicified tuff, pyrite dissemin ated, pyrite 15%, chalcopyrite few. |
| 85 | 24 24 24 24 24 24 24 24 24 24 24 24 24 2 | 85.10 85.85 | Tuffaceous volcanic breccia, consisting of silicic rock frag ments (size :2–5mm) and pyrite disseminated rocks. | 85.10– .85m: Pyrite breccia, dark gray, mud dy, pyrite 25%, consisting of pyrite and mud stone (<5mm). |
| 90 · | | 90.75 <91⊤ 91.95 | 90.75-91.95m: Volcanic breccia, silicic rock fragments (siz e: 0.2-2cm), matrix: pyrite, pyrite 20%, bad sorting. 91T: Vo Icanic breccia, weakly meta, clastic. | |
| | | | Volcanic breccia, dark gray, silicic rock fragments and pyriti zed volcanic rocks (size: 0.2–0.5cm), tuffaceous, containin g dark green pumices (size: 0.2–0.5mm). | |
| 95 - | | 96.95 97.90 | Volcanic breccia, dark gray, size: 1.0-2.0 cm, pumiceous, c onsisting of silicic rock fragments, pyritized and chloritized pumices, and pyritized volcanic rock fragments, matrix: pyri te, pyrite 10%. 96.95-97.90m: Dolerite? gray basic dike. 97.90-99.80m: Tuffaceous breccia, dark gray, size of brec | |
| 100 | | <98T 99.80 | cia: <1cm, pumiceous, silicic rock fragments, matrix pyrite, pyrite 15%. 98T: Volcanic breccia, weakly meta, clastic. | |
| 100 · | | | -68- | |

| | Hole No Started: | o.: | MJSU-8 | Easting: | E707.196 | |
|---------------|---|----------------------------|---|--|-------------------|----------------------|
| | Started: Complete | ed: | October 30 November 13 | Northing: Elevation(mSL): | N2,620.623 955 | Drilled by DMMR/BRGM |
| | • | epth | | hology | | n & Alteration |
| | | | | | | |
| 100 - | | 101.10 101.80 | ht green and clayey, matrix: 101.1080m: Basic dike, do | lapilli tuff, dark gray, pumice: pyrite, pyrite 15%, lerite? dark green f, dark gray, matrix: 10%, laye | - | |
| 105 - | | 184:95 | 104.65- 104.95m: Alternation nd pumice tuff, dip 70. | n of dark gray fine tuff (soft) | а | |
| | | 107.40 107.55 107.85 | 104.95- 107.40m: Pumice tu e layers, pyritized, pyrite 209 107.4055m: Shale, dark gr 107.7585m: Shale | %. | ic | |
| 110 - | | | 107.85-111.00m: Pumice tuf e (size: 0.2-0.4cm), pyritized | f, dark gray, light green pumi , pyrite 20%, | c | |
| | | 113.00 114.05 | 111.0040m: Strongly silicif e veinlets, pyrite 10%. 111.40-113.00m: Pumiceous iated, silicified, pyrite veinlet 113.00-114.05m: Breccia be | breccia bed, dark gray, brec s, pyrite 10% | c | |
| 115 - | >> < | | ts, pyrite 15%. | | | |
| 120 - | | | 114.05-124.45m: Pumiceous licic rock fragments (size: 0. size: 0.2-0.4cm), pyrite veink | 5-1.0cm), light green pumice | si (| |
| 125 - | | <124C 124.45 125.80 | 124.45–125.80m: Silicified pa nlets, pyrite 5%. 125.80–128.05m: Pumiceous s: 0.2–0.7cm, chloritized pum | breccia bed, size of fragmen | | |
| | | 128.05 129.55 | 128.05–129.55m: Clayey fine rite thin layers. | tuff, dark gray, bedded with | | |
| 130 - | A D D A D A | 132.15 133.00 133.55 | 129.55–132.15m: Very strong breccia bed and fine tuff?, si 132.15–133.00m: Pumiceous s: 0.3–2.0cm, size of pumice: e 20%. 133.00–133.55m: Very strong 133.55–134.30m: Silicified tuf bands (2.0–3.0 cm thick), pyr | ze of fragments: 0.2–1.0cm. breccia bed, size of fragment <3.0cm, matrix: pyritized, pyr dy silicified part, ocher. ff, dark gray, containing pyrite ite 10%. | t rit | |
| 1 35 – | | 134.30 134.75 | 134.30–134.75m: Very stron 134.75–137.70m: Pumiceous ize of fragments: 0.2–1.0cm, j | breccia bed, partly fine tuff, | s | |
| 140 | | 137.70 138.85 139.35 | 137.70–138.85m: Breccia bec size of fragments: 2.0–4.0cm, e 10%. 138.85–139.35m: Brecciated 139.35–143.40m: Pumiceous f fragments: 0.2–1.5cm, pyrite | silicified, pyrite veinlets, pyri fine tuff, dark gray, pyrite fev breccia bed, dark gray, size o | it v | |
| | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | <141X <143C | | | | |
| 145 - - | | 143.40 144.35 | 143.40–144.35m: Fine-coarse minated. 144.35–150.00m: Pumiceous orting, size of fragment 1.0–4 0%. | breccia bed, dark gray, bad s | | |
| - 150 - | | | | -69- | | |

-69-

| Drill Hole No.: | MJSU-8 | Easting: | E707.196 | |
|-----------------|-------------|-----------------|----------------|----------------------|
| Date Started: | October 30 | Northing: | N2,620.623 | |
| Date Completed: | November 13 | Elevation(mSL): | 955 | Drilled by DMMR/BRGM |
| Depth | Litholo | gy | Mineralization | a & Alteration |

| 150 - | AVPA VPA | 150.00-154.20m: Pumiceous breccia bed, partly fine tuff, s | |
|-------|---------------------|---|--|
| | | ilicic rock fragments (size: 0.2–0.8cm), pyrite veinlets, pyrit | |
| | | e 10%. | |
| | | | |
| | | | |
| | | 154.20–155.45m: Pumiceous fine tuff, dark gray, soft. | |
| 155 - | | | |
| | | 155.45-158.75m: Purniceous breccia bed, size of fragment s: 0.2-2.0cm, pyrite veinlets, pyrite 10%. | |
| | | | |
| | | | |
| | | 158.75–159.95m: Alternation of breccia and fine tuff, dark | |
| | | gray, very strongly silicified. | |
| 160 - | | | |
| | | 159.95–168.65m: Pumiceous breccia bed, dark gray, partly | |
| | | siliceous fine tuff, size of fragments: 0.2-2.0cm, pyrite vein | |
| | | lets and disseminared, pyrite 10%. | |
| | | | |
| 165 - | | | |
| 105 | | | |
| | | | |
| | | | |
| | | | |
| | 168.65 | 168.65–169.20m: Siliceous coarse tuff, black, hard, contai | |
| 170 - | | ning quartz fragments (size: 0.1cm). | |
| | | 169.20-172.50?m: Tuffaceous breccia bed, size of fragme | |
| | | nts: 0.2-0.6 cm, pyrite veinlets, pyrite 10%. | |
| | | 172.50?–175.90?m: Pumiceous lapilli tuff, light green pumi | |
| | | ce (size 0.2-0.5 cm), size of fragments: <4.0cm, pyrite vein | |
| | | lets, pyrite 5%. | |
| 175 - | 1222 | | |
| | AVPAVPA | 175.90?-182.60m: Pumiceous breccia bed, dark gray, partl | |
| | 00000000 0000000 | y fine tuff, size of fragments: 0.2–1.0cm, brecciated and sili cified, bad sorting, pyrite veinlets, pyrite 5%. | |
| | | | |
| | 0000000 000000 | | |
| 180 - | | | |
| 100 | | | |
| | | | |
| | | 182.60-183.50m: Silicified rock, white to light green, chlori | |
| | <183T | te dotted. 183T: Sandstone? weakly meta, clastic. | |
| | 183.50 | 183.50-186.05m: Pumiceous lapilli tuff? dark gray, size of f ragments: 0.5-1.0cm, max. 4cm, pyritized, pyrite 10%. | |
| 185 - | | | |
| | 186.05 | | |
| | | 186.05-199.00m: Porphyritic andesite, light green, plagiocl ase dominant (1-6mm), chloritized pyroxene?, epidotized, p | |
| | | yrite weakly disseminated. 192T: Porphyritic andesite, wea kly meta, porphyritic | |
| | | | |
| | | | |
| 190 - | | | |
| | | | |
| | ^ | | |
| | ^ <193C | | |
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| 195 - | | | |
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| | | | |
| 200 - | 10.V0.V0 | -70- | |

| Prill Hole ate Starte | | MJSU-8 October 30 | Easting: Northing: | E707.196 N2,620.623 | |
|--|---|---|---|------------------------|----------------------|
| ate Comp | leted: | November 13 | Elevation(mSL): | 955 | Drilled by DMMR/BRGM |
| | Depth | Litl | hology | Mineralizatio | n & Alteration |
| | | | | | |
| 40000000000000000000000000000000000000 | | | | | |
| | | | | | |
| | VPA VPA VPA VPA 206C | light green pumice (size: 0.2 | breccia bed, dark gray, green 2-5.0cm), size of fragments: 0. te 5%. 207T: Pumiceous volc astic. | | |
| | ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ | | | | |
| | | | | | |
| | 211.15 211.55 | 211.1555m: Coarse tuff, da patches (size: 0.2-0.5cm). | ark gray, silicified, with chlorite | • | |
| 215 - A | | | | | |
| | | | | | |
| | | | | | |
| 220 | | 211.55-228.45m: Andesite, lig | ght green, intrusive, white pat | | |
| ^ ^ | | ches (size: 1–2mm, plagioclas meta, porphyritic. | e?). 226T: Andesite, weakly | | |
| | | | | | |
| | | | | | |
| | ^ <226T ∧ → 228.45 | | | | |
| 30 - 47 - 44 | | 228.45-231.45m: Breccia bed | , partly oxidized. | | |
| | vr vr vr vr vr vr vr vr vr vr vr vr vr v | | | | |
| | ⊽ੋਟੋ <233T ⊽ੋਟੋ 233.85 | 231.45-233.85m: Oxidized bre 0.2-1.0 cm. 233T: Volcanic b | eccia bed, size of fragments: reccia, weakly meta, clastic. | | |
| | | 233.85-236.70m: Breccia bed ents: 0.2-1.0 cm, pyrite veinle | , partly oxidized, size of fragm sts, pyrite 5%. | | |
| | ♥ Å Ă \$2360 ♥ Å Å \$236.70 ♥ Å Å Å | | | | |
| | ⊽⊭य ⊽⊭य ⊽⊭य ₽≞४ | | | | |
| | 2010 10 10 10 10 10 10 10 10 10 10 10 10 | 236.70–245.50m: Volcanic bre o light gray, plagioclase (size: 244T: Volcanic breccia, weakl | 2-4 mm), strongly epidotized. | | |
| 45 - 47 243 | v v v v v v v v v v v v v v v v v v v | | | | |
| <u>Aⁿ Aⁿ A</u> | 245.50 246.00 | 245.50-246.00m: Basic dike, | gray, aphyric. | | |
| 0 " A " 0 | y `` A y `` A y `` A y `` A | 246.00-250.00m: Dacitic coars | se tuff? | | |
| 250 - <u>laiaia</u> | 250.00 | | | | |

Appendix 1-28 Borehole Deviations of MJSU-1 to MJSU-8

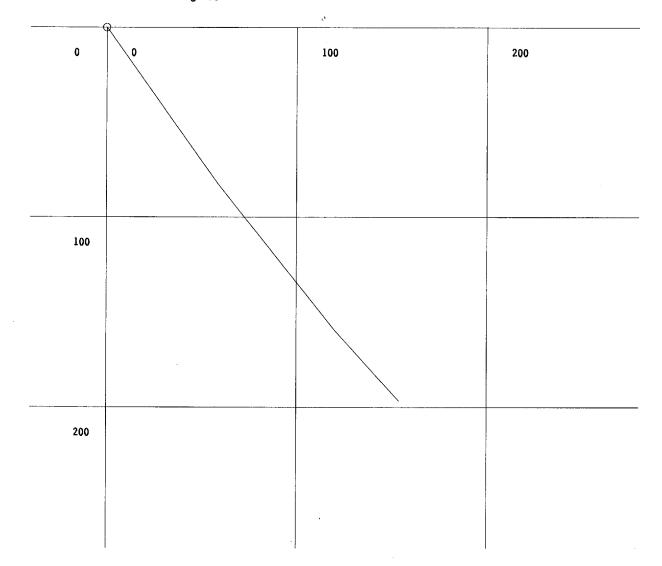
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PLAN at 1/2000 grid 100m interval

| | 155° | | |
|------|------|-----|------|
| -100 | 0 | 100 | 200 |
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SECTION Looking 155°

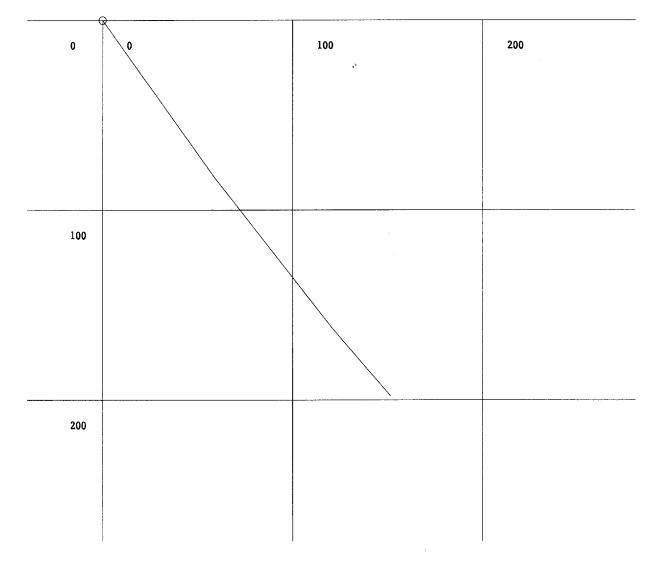


MJSU-2

| -100 | 155° 0 | 100 | 200 |
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| 0 | | | |
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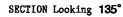
SECTION Looking 155°

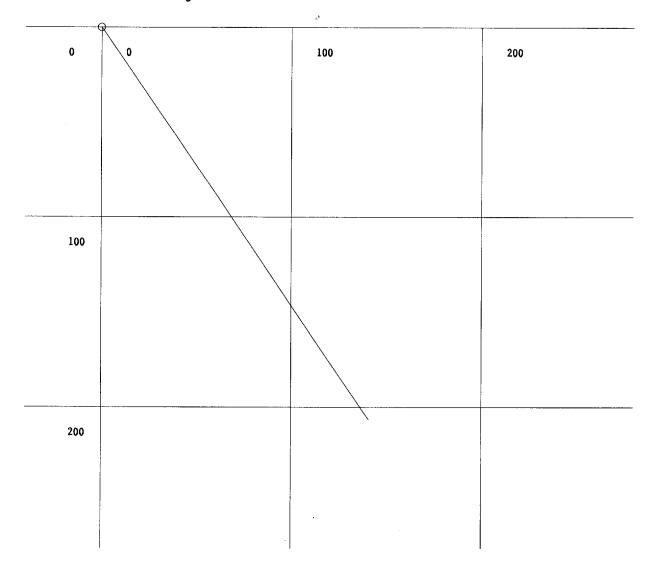


PLAN at 1/2000 grid 100m interval

MJSU-3

| | 135° | | | |
|------|------|-----|-----|------|
| -100 | 0 | 100 | 200 | |
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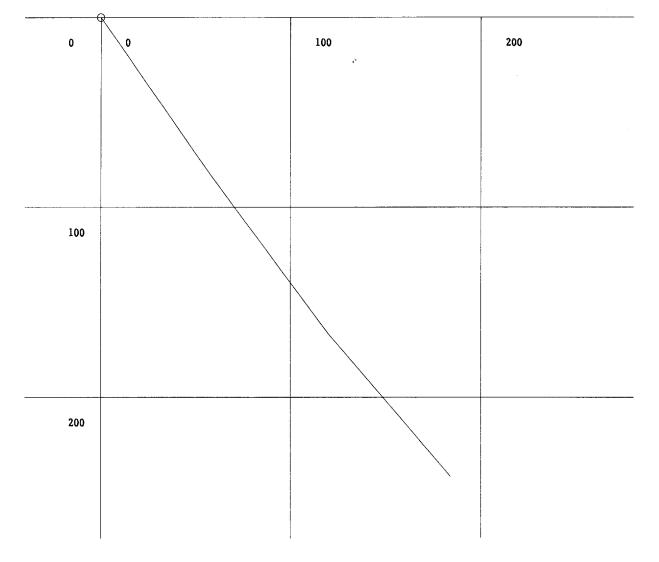




MJSU-4

| -100 | 260° 0 | 100 | 200 |
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| | | | 170° |
| 0 | - 0 | · · · · · · · · · · · · · · · · · · · | |
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SECTION Looking 170°

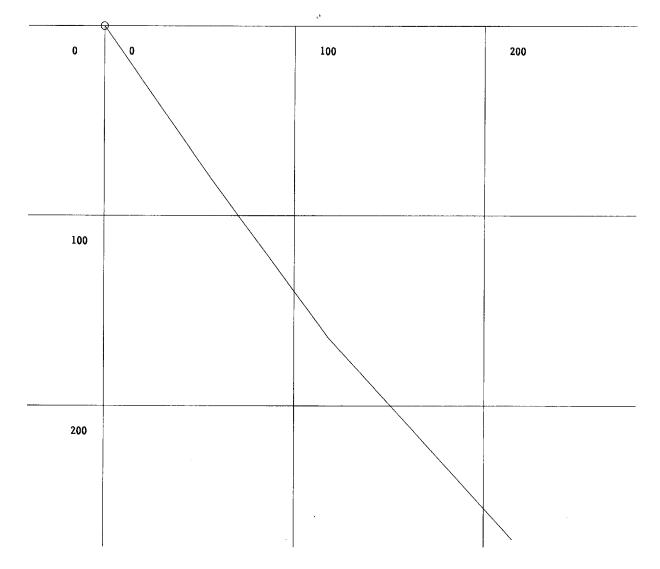


PLAN at 1/2000 grid 100m interval

MJSU-5

| -100 | 170° 0 | 100 | 200 |
|------|-----------|-----|------|
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| | | | 260° |
| 0 | | | |
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SECTION Looking 170°

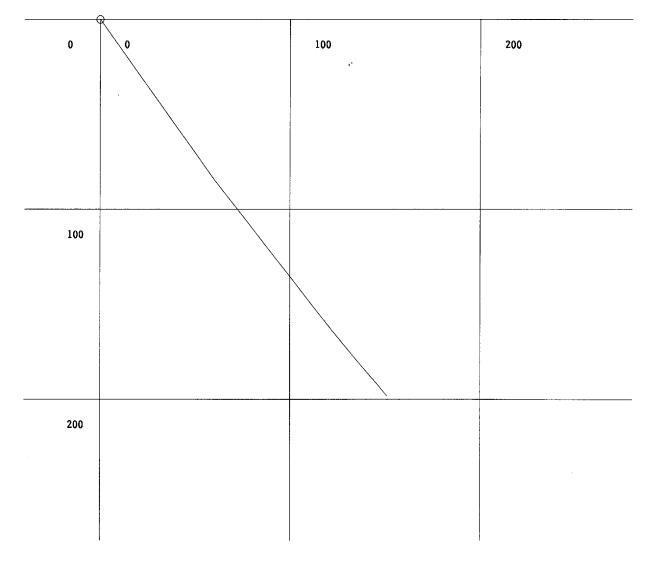


MJSU-6

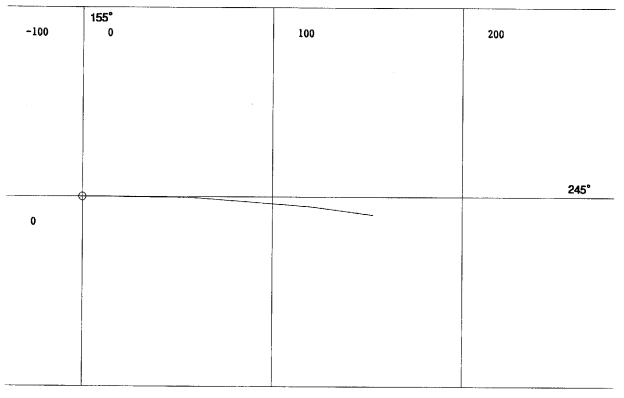
| | 155° | | |
|------|------|-----|------|
| -100 | 0 | 100 | 200 |
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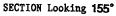
SECTION Looking 155°

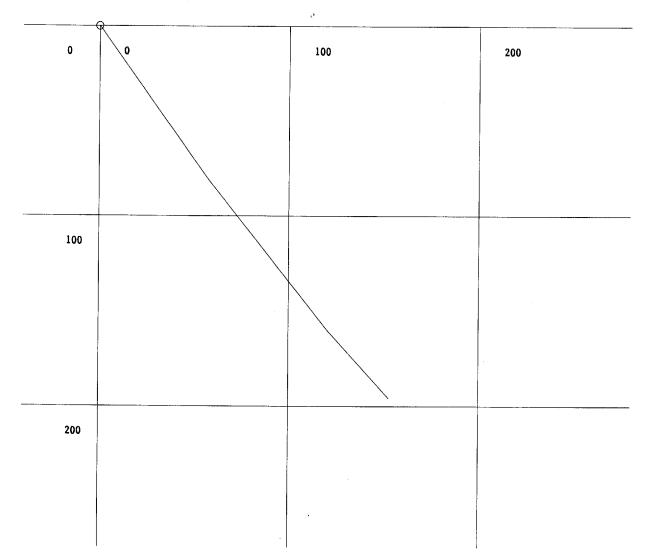


MJSU-7

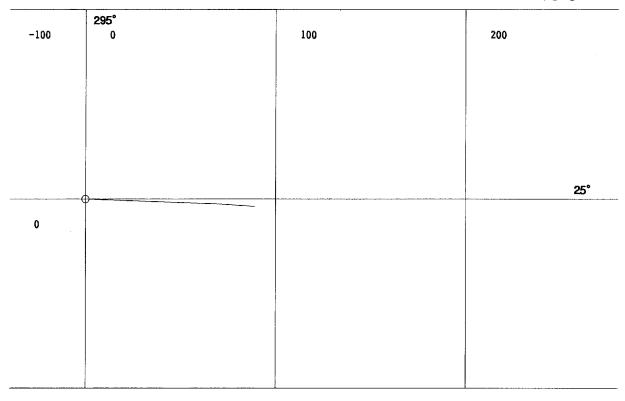


100



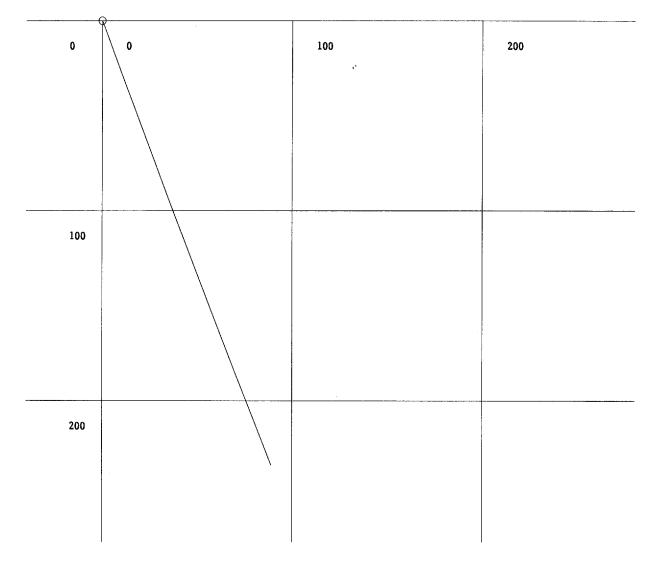


MJSU-8



100

SECTION Looking 295°



| Drill Hole No. | Depth | Direction | Inclination |
|----------------|-------|-----------|-------------|
| | 0.0 | 245.0 | -55.0 |
| | 102.0 | 245.5 | -54.0 |
| MJSU-1 | 200.0 | 242.0 | -49.0 |
| | 250.0 | 247.0 | -46.0 |
| | 0.0 | 245.0 | -55.0 |
| | 102.0 | 245.0 | -54.0 |
| MJSU-2 | 202.0 | 247.0 | -50.0 |
| | 249.5 | 249.0 | -49.0 |
| | 0.0 | 225.0 | -55.0 |
| | 105.0 | 224.0 | -56.0 |
| MJSU-3 | 200.0 | 226.0 | -56.0 |
| | 250.0 | 226.0 | -55.0 |
| | 0.0 | 260.0 | -55.0 |
| MJSU-4 | 102.0 | 262.0 | -55.0 |
| 191350-4 | 205.0 | 259.0 | -52.0 |
| | 304.0 | 258.5 | -47.0 |
| | 0.0 | 260.0 | - 55.0 |
| MJSU-5 | 102.0 | 264.0 | -55.0 |
| 1000-0 | 202.0 | 260.0 | -52.0 |
| | 346.0 | 258.0 | -43.0 |
| | 0.0 | 245.0 | -55.0 |
| MJSU-6 | 104.0 | 245.0 | -54.0 |
| 1000-0 | 205.0 | 245.0 | -50.0 |
| | 249.5 | 245.0 | -50.0 |
| | 0.0 | 245.0 | -55.0 |
| MJSU-7 | 100.0 | 246.0 | -54.0 |
| 11030-7 | 200.0 | 252.0 | -49.0 |
| | 249.0 | 253.0 | -46.0 |
| | 0.0 | 25.0 | - 70.0 |
| MJSU-8 | 105.0 | 29.0 | -69.0 |
| 11000-0 | 200.0 | 29.0 | -69.0 |
| | 250.0 | 29.0 | -68.0 |

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Borehole Deviations

| Drill Hole No. | Sample No. | | pth n) | Width (m) | Au (g/t) | Ag (g∕t) | Си (%) | Zn (%) | Pb (%) | S (%) |
|-------------------|---------------|--------|-----------|--------------|-------------|-------------|-----------|-----------|-----------|----------|
| MJSU-1 | 1 | 6.30 | 7.95 | 1.65 | <0.05 | 0.6 | 0.00 | 0.00 | 0.00 | 0.14 |
| | 2 | 13.50 | 14.55 | 1.05 | <0.05 | 0.6 | 0.00 | 0.00 | 0.00 | < 0.05 |
| | 3 | 14.55 | 15.00 | 0.45 | <0.05 | 0.7 | 0.00 | 0.01 | 0.00 | <0.05 |
| | 4 | 15.00 | 15.75 | 0.75 | <0.05 | 0.6 | 0.00 | 0.00 | 0.00 | < 0.05 |
| | 5 | 15.75 | 17.40 | 1.65 | <0.05 | 0.7 | 0.01 | 0.01 | 0.00 | < 0.05 |
| | 6 | 17.40 | 18.65 | 1.25 | <0.05 | 0.6 | 0.00 | 0.01 | 0.00 | < 0.05 |
| | 7 | 23.05 | 24.20 | 1.15 | <0.05 | 0.5 | 0.00 | 0.01 | 0.00 | 0.32 |
| | 8 | 24.20 | 25.75 | 1.55 | <0.05 | 0.6 | 0.00 | 0.01 | 0.00 | 1.05 |
| | 9 | 25,75 | 26.65 | 0.90 | <0.05 | 0.5 | 0.00 | 0.01 | 0.00 | 0.43 |
| | 10 | 26.65 | 27.30 | 0.65 | <0.05 | 0.6 | 0.01 | 0.01 | 0.00 | 1.45 |
| | 11 | 31.00 | 32.75 | 1.75 | <0.05 | 0.6 | 0.00 | 0.00 | 0.00 | 1.95 |
| | 12 | 32.75 | 33.75 | 1.00 | <0.05 | 0.6 | 0.00 | 0.01 | 0.00 | 1.40 |
| | 13 | 46.90 | 47.90 | 1.00 | <0.05 | 1.0 | 0.01 | 0.01 | 0.00 | <0.05 |
| | 14 | 47.90 | 48.90 | 1.00 | <0.05 | 1.2 | 0.04 | 0.01 | 0.00 | 1.50 |
| | 15 | 48.90 | 49.90 | 1.00 | <0.05 | 1.1 | 0.01 | 0.01 | 0.00 | 0.26 |
| | 16 | 55.85 | 56.85 | 1.00 | <0.05 | 0.7 | 0.00 | 0.01 | 0.00 | 0.40 |
| | 17 | 91.05 | 92.20 | 1.15 | <0.05 | 2.7 | 0.01 | 0.51 | 0.01 | 10.50 |
| | 18 | 96.35 | 96.50 | 0.15 | <0.05 | 13.2 | 2.19 | 0.01 | 0.01 | 5.92 |
| | 19 | 96.50 | 97,50 | 1.00 | <0.05 | 0.9 | 0.02 | 0.01 | 0.00 | 3.10 |
| | 20 | 97.50 | 98.50 | 1.00 | <0.05 | 1.3 | 0.01 | 0.01 | 0.00 | 5.20 |
| | 21 | 98.50 | 99.50 | 1.00 | <0.05 | 1.5 | 0.02 | 0.01 | 0.00 | 3.80 |
| | 22 | 99.50 | 100.50 | 1.00 | <0.05 | 1.1 | 0.03 | 0.01 | 0.00 | 1.26 |
| | 23 | 100.50 | 101.50 | 1.00 | <0.05 | 1.1 | 0.06 | 0.01 | 0.00 | 3.10 |
| | 24 | 101.50 | 102.50 | 1.00 | <0.05 | 1.0 | 0.02 | 0.00 | 0.00 | 4.30 |
| | 25 | 102.50 | 103.50 | 1.00 | <0.05 | 0.7 | 0.03 | 0.00 | 0.00 | 2.80 |
| | 26 | 103.50 | 104.20 | 0.70 | <0.05 | 1.0 | 0.11 | 0.00 | 0.00 | 7.05 |
| | 27 | 120.85 | 121.50 | 0.65 | <0.05 | 2.5 | 0.04 | 0.01 | 0.01 | 1.51 |
| | 28 | 122.50 | 123.00 | 0.50 | <0.05 | 9.4 | 0.47 | 0.17 | 0.05 | 2.00 |
| | 29 | 123.00 | 123.10 | 0.10 | <0.05 | 5.8 | 0.70 | 0.76 | 0.06 | 1.94 |
| | 30 | 150.70 | 151.60 | 0.90 | <0.05 | 2.1 | 0.02 | 0.01 | 0.01 | 1.43 |
| | 31 | 151.60 | 152.30 | 0.70 | <0.05 | 1.0 | 0.00 | 0.01 | 0.00 | 1.57 |
| | 32 | 152.70 | 153.40 | 0.70 | <0.05 | 3.4 | 0.02 | 0.02 | 0.01 | 2.80 |
| | 33 | 153.40 | 154.10 | 0.70 | 0.05 | 8.3 | 0.09 | 0.26 | 0.11 | 4.42 |
| | 34 | 154.10 | 155.30 | 1.20 | <0.05 | 0.7 | 0.00 | 0.01 | 0.00 | 3.15 |
| | 35 | 208.90 | 209.05 | 0.15 | <0.05 | 4.1 | 0.37 | 0.16 | 0.01 | 1.30 |
| ļ | 36 | 212.75 | 212.85 | 0.10 | 0.33 | 213.0 | 0.90 | 2.98 | 1.09 | 7.70 |
| | 37 | 215.45 | 215.60 | 0.15 | 0.48 | 150.0 | 0.95 | 1.91 | 0.48 | 4.66 |
| MJSU-2 | 1 | 41,45 | 41.85 | 0.40 | <0.05 | <0.5 | 0.01 | 0.04 | 0.00 | 0.48 |
| | 2 | 41.85 | 43.35 | 1.50 | <0.05 | <0.5 | 0.08 | 0.03 | 0.00 | 1.72 |
| | 3 | 43.35 | 43.60 | 0.25 | 0.05 | 1.3 | 0.36 | 0.04 | 0.00 | 1.00 |
| | 4 | 64.20 | 64.40 | 0.20 | <0.05 | 4.6 | 0.16 | 0.06 | 0.00 | 0,95 |
| ļ | 5 | 106.25 | 107.25 | 1.00 | <0.05 | 3.0 | 0.00 | 0.02 | 0.00 | 10.67 |
| ļ | 6 | 107.25 | 108.25 | 1.00 | <0.05 | 1.3 | 0.01 | 0.04 | 0.00 | 5.70 |
| | 7 | 108.25 | 109.05 | 0.80 | <0.05 | 1.0 | 0.00 | 0.02 | 0.00 | 4.04 |
| | 8 | 121.15 | 121.60 | 0.45 | 0.12 | 14.9 | 1.70 | 0.18 | 0.02 | 18.05 |
| | 9 | 121.60 | 122.30 | 0.70 | 0.14 | 18.6 | 0.17 | 0.03 | 0.01 | 1.32 |
| | 10 | 122.30 | 122.90 | 0.60 | 0.28 | 10.7 | 2.71 | 0.08 | 0.00 | 11.04 |
| | 11 | 122.90 | 123.90 | 1.00 | 0.12 | 7.0 | 0.07 | 0.02 | 0.00 | 3.95 |
| | 12 | 123.90 | 124,25 | 0.35 | 0.06 | 3.4 | 0.09 | 0.08 | 0.01 | 1.75 |
| | 13 | 124.25 | 124.75 | 0.50 | 0.65 | 55.4 | 1.66 | 9.81 | 0.45 | 14.00 |
| | 14 | 124.75 | 125.10 | 0.35 | 1.00 | 63.1 | 1.03 | 5.90 | 1.30 | 7.96 |
| | 15 | 125.10 | 125.40 | 0.30 | 1.40 | 44.9 | 0.99 | 6.81 | 0.68 | 10.34 |
| Γ | 16 | 125.40 | 126.20 | 0.80 | 0.10 | 3.9 | 0.03 | 1.21 | 0.16 | 3.34 |
| | 17 | 126.20 | 127.15 | 0.95 | <0.05 | 2.3 | 0.01 | 0.04 | 0.00 | 2.15 |
| Γ | 18 | 127.15 | 128.10 | 0.95 | <0.05 | 1.9 | 0.01 | 0.02 | 0.00 | 1.08 |
| Γ | 19 | 128.10 | 128.20 | 0.10 | 0.30 | 12.6 | 0.96 | 0.19 | 0.00 | 23.30 |

Appendix 1-29 Results of Ore Assay (Core Samples)

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Appendix 1-29 Results of Ore Assay (Core Samples)

| Drill Hole | Sample | Dep | oth | Width | | Ag | Cu | Zn | Pb | S |
|------------|----------|------------------|--|--------------|----------------|-------------------|--------------|--------------|--------------|----------------------|
| No. | No. | (m | <u>ı) </u> | (m) | (g/t) | (g/t) | (%) | (%) | (%) | (%) |
| MJSU-2 | 20 | 128,20 | 129.05 | 0.85 | <0.05 | 0.8 | 0.00 | 0.03 | 0.00 | 0.65 |
| | 21 | 129.05 | 130.10 | 1.05 | <0.05 | 0.5 | 0.01 | 0.04 | 0.00 | 0.20 |
| | 22 | 130.10 | 130.40 | 0.30 | 0.56 | 13.3 | 0.89 | 3.65 | 0.02 | 11.75 |
| | 23 | 130.40 | 130.50 | 0.10 | 0.74 | 1.5 | 0.23 | 0.03 | 0.00 | 2.00 |
| | 24 | 130.50 | 131.15 | 0.65 | 0.67 | 28.8 | 0.68 | 9.55 | 0.03 | 21.70 |
| | 25 | 131.15 | 132,10 | 0.95 | 0.13 | 37.6 | 1.46 | 24.68 | 0.09 | 28.50 |
| | 26 | 132.10 | 133.10 | 1.00 | 0.21 | 21.7 | 1.78 | 4.41 | 0.57 | 6.40 |
| | 27 | 133.10 | 133.90 | 0.80 | 0.21 | 9.7 | 1.23 | 3.95 | 0.01 | 7.10 |
| | 28 | 133.90 | 134.15 | 0.25 | < 0.05 | 7.6 | 0.48 | 1.97 | 0.02 | 23.00 |
| | 29 | 134.15 | 134.90 | 0.75 | 0.18 | 9.9 | 0.29 | 4.13 | 0.62 | 3.25 |
| | 30 | 134.90 | 136.20 | 1.30 | <0.05 | 12.5 | 0.67 | 0.81 | 0.00 | 26.55 |
| | 31 | 136.20 | 137.20 | 1.00 | < 0.05 | 2.8 | 0.20 | 0.10 0.24 | 0.00 | <u>1.20</u> 23.60 |
| | 32 | 137.20 | 137.40 | 0.20 | 0.70 | 51.6 | 4.79 | | 0.01 | 1.20 |
| | 33 | 137.40 | 138.00 | 0.60 | <0.05 0.14 | 2.8 12.9 | 0.20 0.50 | 0.09 0.22 | 0.00 0.00 | 11.25 |
| | 34 35 | 138.00 138.90 | 138.90 139.10 | 0.90 | 0.14 | 8.0 | 0.30 | 0.22 | 0.00 | 4.65 |
| | 36 | 139.10 | 140.30 | 1.20 | 0.08 | 11.1 | 1.17 | 0.12 | 0.00 | 5.50 |
| | 37 | 140.30 | 141.15 | 0.85 | 0.35 | 6.1 | 0.32 | 0.55 | 0.00 | 13.83 |
| | 38 | 141.15 | 141.55 | 0.40 | 5.83 | 15.8 | 4.58 | 0.08 | 0.00 | 33.83 |
| | 39 | 141.55 | 142.25 | 0.70 | <0.05 | 4.5 | 1.05 | 0.00 | 0.00 | 18.70 |
| | 40 | 221.85 | 222.00 | 0.15 | <0.05 | 9.0 | 0.03 | 0.71 | 0.00 | 3.90 |
| | 41 | 224.05 | 224.15 | 0.10 | <0.05 | 1.5 | 0.10 | 0.51 | 0.00 | 0.85 |
| | 42 | 229.05 | 229.20 | 0.15 | <0.05 | 5.3 | 0.02 | 0.46 | 0.00 | 2.50 |
| MJSU-3 | 1 | 50.00 | 51.90 | 1.90 | <0.05 | 1.6 | 0.00 | 0.01 | 0.00 | 1.30 |
| | 2 | 51.90 | 53.30 | 1.40 | <0.05 | 1.0 | 0.01 | 0.02 | 0.00 | 1.53 |
| | 3 | 55.90 | 56,15 | 0.25 | <0.05 | 1.7 | 0.07 | 0.05 | 0.00 | 5.75 |
| | 4 | 56.15 | 57.10 | 0.95 | 0.06 | 1.4 | 0.02 | 0.02 | 0.00 | 2.50 |
| | 5 | 57.10 | 59.05 | 1.95 | <0.05 | 0.8 | 0.01 | 0.01 | 0.00 | 2.65 |
| | 6 | 59.05 | 59.90 | 0.85 | <0.05 | 1.2 | 0.01 | 0.01 | 0.00 | 1.40 |
| | 7 | 68.85 | 71.85 | 3.00 | <0.05 | 1.3 | 0.02 | 0.01 | 0.00 | 2.55 |
| | 8 | 71.85 | 72.60 | 0.75 | <0.05 | ⁻ 1.3 | 0.02 | 0.01 | 0.00 | 1.70 |
| | 9 | 81.55 | 83,55 | 2.00 | <0.05 | 0.9 | 0.02 | 0.02 | 0.00 | 2.20 |
| | 10 | 83.55 | 85.60 | 2.05 | <0.05 | 1.1 | 0.04 | 0.02 | 0.00 | 2.60 |
| | 11 | 95.65 | 97.75 | 2.10 | <0.05 | 1.3 | 0.19 | 0.09 | 0.00 | 7.00 |
| | 12 | 104.60 | 106.20 | 1.60 | 0.09 | 0.8 | 0.01 | 0.01 | 0.00 | 2.00 |
| | 13 | 106.20 | 107.80 | 1.60 | 0.07 | 1.0 | 0.01 | 0.02 | 0.00 | 1.70 |
| | 14 | 107.80 | 110.00 | 2.20 | <0.05 | 1.0 | 0.02 | 0.01 | 0.00 | 1.80 |
| | 15 | 114.80 | 116.25 | 1.45 | <0.05 | 1.1 | 0.01 | 0.01 | 0.00 | 2.10 |
| | 16 | 116.25 | 117.70 | 1.45 | <0.05 | 1.1 | 0.00 | 0.01 | 0.00 | 0.35 |
| | 17 | 117.70 | 119.20 | 1.50 | <0.05 | 1.0 | 0.02 | 0.00 | 0.00 | 1.50 |
| | 18 | 119.20 | 120.75 | 1.55 | <0.05 | 0.6 | 0.03 | 0.00 | 0.00 | 1.25 |
| | 19 | 153.15 | 154.50 | 1.35 | <0.05 | 0.5 | 0.01 | 0.01 | 0.00 | 2,10 |
| | 20 | 154.50 | 157.40 | 2.90 | <0.05 | 0.6 | 0.01 | 0.01 | 0.00 | 9.50 |
| | 21 | 157.40 | 159.00 | 1.60 | <0.05 | 2.8 | 0.37 | 0.02 | 0.00 | 2.80 |
| | 22 | 159.00 | 160.55 | 1.55 | <0.05 | 2.3 | 0.19 | 0.01 | 0.00 | 0.60 |
| | 23 | 160.55 | 162.85 | 2.30 | <0.05 | 0.9 | 0.09 | 0.01 | 0.00 | 1.30 |
| | 24 | 162.85 164.45 | 164.45 | 1.60 | <0.05 | <u>1.1</u> 1.5 | 0.01 0.09 | 0.01 0.01 | 0.00 0.00 | 0.90 1.70 |
| | 25 26 | | 164.75 178.50 | 0.30 0.90 | <0.05 <0.05 | 1.5 | 0.09 | 0.01 | 0.00 | 1.50 |
| | 20 | 177.60 188.20 | 188.75 | 0.90 | <0.05 | 3.9 | 1.57 | 0.02 | 0.00 | 8.45 |
| | | 188.20 | 189.45 | 0.55 | <0.05 | <u>3.9</u> 0.9 | 0.02 | 0.02 | 0.00 | 0.40 |
| | 28 29 | 189.45 | 192.15 | 2.70 | <0.05 | 1.1 | 0.02 | 0.01 | 0.00 | 1.20 |
| | 30 | 204.25 | 206.70 | 2.70 | <0.05 | 1.8 | 0.03 | 0.01 | 0.00 | <0.05 |
| | 31 | 204.25 | 208.60 | 1.90 | <0.05 | 1.0 | 0.23 | 0.01 | 0.00 | <0.05 |
| | 32 | 208.60 | 210.60 | 2.00 | <0.05 | 0.9 | 0.03 | 0.01 | 0.00 | <0.05 |
| | | | E10.00 | | | V.7 | 0.00 | 0.01 | 0.001 | VU.U3 |

| Appendix 1-29 | Results of Ore Assay (Core Samples) | |
|---------------|-------------------------------------|--|
| | | |

| Drill Hole | Sample | De | pth | Width | Au | Ag | Cu | Zn | Pb | s |
|------------|----------|------------------|-------------------------|--------------|----------------|--------------------|---------------|--------------|--------------|--------------|
| No. | No. | | n) | (m) | (g/t) | (g/t) | (%) | (%) | (%) | (%) |
| MJSU-3 | 34 | 212.45 | 214.70 | 2.25 | <0.05 | 1.0 | 0.09 | 0.01 | 0.00 | 1.20 |
| | 35 | 214.70 | 215.05 | 0.35 | < 0.05 | 13.3 | 5.05 | 0.06 | 0.00 | 5.10 |
| | 36 | 215.05 | 217.05 | 2.00 | <0.05 | 0.8 | 0.01 | 0.00 | 0.00 | 0.26 |
| | 37 | 217.05 | 218.90 | 1.85 | <0.05 | 1.2 | 0.08 | 0.01 | 0.00 | 1.60 |
| | 38 | 218.90 | 220.10 | 1.20 | <0.05 | 0.8 | 0.02 | 0.01 | 0.00 | 8.45 |
| | 39 | 220.10 | 220.90 | 0.80 | < 0.05 | 6.6 | 2.48 | 0.03 | 0.00 | 3.00 |
| | 40 | 220.90 | 223.50 | 2.60 | <0.05 | 0.7 | 0.03 | 0.01 | 0.00 | 1.25 |
| | 41 | 223.50 | 226.30 | 2.80 | <0.05 | 0.8 | 0.01 | 0.00 | 0.00 | 4.00 |
| | 42 | 241.85 | 243.25 | 1.40 | < 0.05 | <0.5 | 0.06 | 0.01 | 0.00 | 4.38 |
| MJSU-4 | 1 | 31.50 | 32.50 | 1.00 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 0.73 |
| | 2 | 32.50 | 33.30 | 0.80 | <0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 0.40 |
| | 3 | 33.30 | 34.20 | 0.90 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 0.64 |
| | 4 | 55.30 | 56.30 | 1.00 | <0.05 | <0.5 | 0.02 | 0.00 | 0.00 | 0.47 |
| | 5 | 56.30 | 57.70 | 1.40 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 0.48 |
| | 6 | 60.25 | 61.25 | 1.00 | <0.05 | <0.5 | 0.00 | 0.00 | 0.00 | 0.08 |
| | 7 | 61.25 | 62.25 | 1.00 | <0.05 | <0.5 | 0.00 | 0.00 | 0.00 | 0.18 |
| | 8 | 62.25 | 63.15 | 0.90 | <0.05 | <0.5 | 0.05 | 0.01 | 0.00 | 1.20 |
| | 9 | 63.15 | 64.30 | 1.15 | <0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 0.65 |
| | 10 | 64.30 | 65.15 | 0.85 | <0.05 | <0.5 | 0.02 | 0.01 | 0.00 | 3.15 |
| | 11 | 65.15 | 66.15 | 1.00 | <0.05 | <0.5 | 0.02 | 0.01 | 0.00 | 1.40 |
| | 12 | 66.15 | 67.20 | 1.05 | <0.05 | <0.5 | 0.02 | 0.00 | 0.00 | 0.25 |
| | 13 | 67.20 | 67.60 | 0.40 | <0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 0.43 |
| | 14 15 | 67.60 111.40 | 67.85 | 0.25 | 0.06 | <0.5 | 0.01 | 0.00 | 0.00 | 0.22 |
| | 16 | 133.15 | <u>111.65</u> 133.30 | 0.25 0.15 | 0.07 | 12.0 | 1.82 | 0.10 | 0.00 | 5.40 |
| | 17 | 140.50 | 141.00 | 0.15 | 0.07 <0.05 | <u>1.8</u> 15.1 | 0,24 | 0.02 | 0.00 | 13.80 |
| | 18 | 141.00 | 142.00 | 1.00 | 0.12 | 20.8 | 1.31 7.65 | 0.05 0.02 | 0.00 0.00 | 3.30 5.66 |
| | 19 | 142.00 | 143.10 | 1.10 | <0.05 | 0.5 | 0.10 | 0.02 | 0.00 | 0.53 |
| | 20 | 143.10 | 143.40 | 0.30 | 0.28 | 24.7 | 10.40 | 0.02 | 0.00 | 12.20 |
| | 21 | 143.40 | 144.85 | 1.45 | < 0.05 | 4.0 | 0.20 | 0.03 | 0.00 | 0.83 |
| | 22 | 144.85 | 145.00 | 0.15 | 0.14 | 27.3 | 4.77 | 0.02 | 0.00 | 6.53 |
| [[| 23 | 145.00 | 146.40 | 1.40 | <0.05 | 2.4 | 0.15 | 0.01 | 0.00 | 0.32 |
| | 24 | 146.40 | 146.60 | 0.20 | 0.15 | 38.6 | 4.60 | 0.03 | 0.00 | 5.77 |
| | 25 | 146.60 | 147.30 | 0.70 | <0.05 | 0.7 | 0.09 | 0.01 | 0.00 | 0.40 |
| | 26 | 147.30 | 147.80 | 0.50 | <0.05 | 16.7 | 1.37 | 0.01 | 0.00 | 2.10 |
| | 27 | 147.80 | 148.80 | 1.00 | <0.05 | 4.4 | 0.18 | 0.01 | 0.00 | 0.82 |
| | 28 | 148.80 | 149.80 | 1.00 | <0.05 | 0.6 | 0.09 | 0.01 | 0.00 | 0.43 |
| | 29 | 149.80 | 149.90 | 0.10 | <0.05 | 4.0 | 0.32 | 0.03 | 0.00 | 0.95 |
| ł - F | 30 | 149.90 | 151.50 | 1.60 | <0.05 | 1.4 | 0.13 | 0.02 | 0.00 | 0.54 |
| - | 31 32 | 151.50 | 153.00 | 1.50 | <0.05 | 0.8 | 0.07 | 0.02 | 0.00 | 1.54 |
| | | 153.00 | 154.50 | 1.50 | <0.05 | <0.5 | 0.07 | 0.03 | 0.00 | 2.80 |
| | 33 34 | 154.50 155.50 | 155.50 156.05 | 1.00 0.55 | <0.05 | <0.5 | 0.02 | 0.01 | 0.00 | 2.10 |
| | 35 | 156.05 | 156.05 | 0.55 | <0.05 | 5.1 | 2,54 | 0.07 | 0.00 | 3.40 |
| | 36 | 156.05 | 156.20 | 1.25 | <0.05 <0.05 | 12.0 2.3 | 18.95 0.38 | 0.87 | 0.04 | 12.94 |
| | 37 | 157.45 | 157.45 | 0.80 | <0.05 | 9.9 | 1.82 | 0.02 | 0.00 | 1.41 |
| | 38 | 158.25 | 158.55 | 0.30 | <0.05 | <u>9.9</u> 1.2 | 0.29 | 0.02 | 0.00 | 2.50 1.30 |
| | 39 | 158.55 | 158.85 | 0.30 | 0.07 | 17.7 | 3.64 | 0.03 | 0.00 | 4.00 |
| | 40 | 158.85 | 160.50 | 1.65 | <0.07 | <0.5 | 0.05 | 0.07 | 0.00 | 0.70 |
| | 41 | 160.50 | 162.00 | 1.50 | <0.05 | 0.6 | 0.09 | 0.02 | 0.00 | 1.02 |
| | 42 | 162.00 | 162.85 | 0.85 | <0.05 | 0.7 | 0.06 | 0.04 | 0.00 | 0.07 |
| | 43 | 162.85 | 163.00 | 0.15 | <0.05 | 20.9 | 2.72 | 0.03 | 0.00 | 2.80 |
| | 44 | 163.00 | 163.30 | 0.30 | <0.05 | 1.0 | 0.04 | 0.02 | 0.00 | 0.83 |
| | 45 | 163.30 | 163.40 | 0.10 | <0.05 | 7.4 | 1.82 | 0.05 | 0.00 | 2.40 |
| | 46 | 213.10 | 213.20 | 0.10 | <0.05 | 4.0 | 1.36 | 0.03 | 0.00 | 2.28 |
| | 47 | 213.65 | 213.85 | 0.20 | 0.09 | 7.8 | 1.34 | 0.02 | 0.00 | 3.90 |

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Appendix 1-29 Results of Ore Assay (Core Samples)

| Drill Hole No. | Sample No. | Dep (m | | Width (m) | Au (g/t) | Ag (g/t) | Cu (%) | Zn (%) | Рb (%) | 8 8 |
|-------------------|---------------|------------------|-------------------------|--------------|---------------|--------------------|---------------------|--------------|--------------|--------------|
| MJSU-4 | 48 | 215.00 | 215.15 | 0.15 | <0.05 | 4.3 | 0.64 | 0.02 | 0.00 | 3.33 |
| | 49 | 217.00 | 217.10 | 0.10 | <0.05 | 4.9 | 0.76 | 0.02 | 0.00 | 3.42 |
| | 50 | 226.75 | 226.85 | 0.10 | <0.05 | 13.0 | 3.28 | 0.03 | 0.00 | 3.33 |
| | 51 | 227.25 | 228.05 | 0.80 | <0.05 | 2.0 | 0.35 | 0.01 | 0.00 | 1.06 |
| | 52 | 241.20 | 242.05 | 0.85 | <0.05 | <0.5 | 0.05 | 0.01 | 0.00 | 0.75 |
| | 53 | 242.05 | 242.80 | 0.75 | <0.05 | 0.7 | 0.05 | 0.03 | 0.00 | 0.80 |
| | 54 | 263.50 | 263.75 | 0.25 | <0.05 | 0.8 | 0.09 | 0.06 | 0.00 | 2.62 |
| | 55 | 263.75 | 265.10 | 1.35 | <0.05 | <0.5 | 0.09 | 0.01 | 0.00 | 0.78 |
| | 56 | 265.10 | 267.05 | 1.95 | <0.05 | <0.5 | 0.17 | 0.01 | 0.00 | 0.92 |
| | 57 | 272.70 | 273.25 | 0.55 | 0.07 | 1.1 | 1.11 | 0.01 | 0.00 | 1.42 |
| | 58 | 278.95 | 279.35 | 0.40 | <0.05 | 6.9 | 2.72 | 0.03 | 0.00 | 4.63 |
| | 59 | 285.70 | 286.75 | 1.05 | <0.05 | 0.7 | 0.04 | 0.01 | 0.00 | 4.40 |
| | 60 | 292.30 | 292.60 | 0.30 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 4.60 |
| | 61 | 292.60 | 293.00 | 0.40 | <0.05 | <0.5 | 0.01 | 0.02 | 0.00 | 17.34 |
| | 62 | 293.00 | 294.25 | 1.25 | <0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 2.20 |
| N IOU E | 63 | 294.25 | 295.30 | 1.05 | <0.05 | <0.5 2.8 | <u>0.01</u> 0.19 | 0.01 | 0.00 | 2.00 5.67 |
| MJSU-5 | | 77.70 | <u>79.40</u> 79.90 | 1.70 0.50 | 0.05 <0.05 | 11.0 | 1.86 | 0.03 | 0.00 | 3.71 |
| | 2 | 79.40 79.90 | 80.55 | 0.50 | <0.05 | 5.4 | 0.83 | 0.05 | 0.00 | 2.90 |
| | 4 | 80.55 | 80.95 | 0.05 | 0.13 | 35.9 | 4.62 | 0.00 | 0.00 | 7.88 |
| | 5 | 80.95 | 81.70 | 0.75 | 0.07 | 2.1 | 0.16 | 0.02 | 0.00 | <0.05 |
| | 6 | 81.70 | 82.55 | 0.85 | 0.12 | 27.8 | 4.28 | 0.07 | 0.00 | 11.07 |
| | 7 | 82.55 | 84.00 | 1.45 | < 0.05 | 2.2 | 0.36 | 0.02 | 0.00 | 16.03 |
| | 8 | 84.00 | 85.50 | 1.50 | < 0.05 | 0.8 | 0.09 | 0.01 | 0.00 | 7.29 |
| | 9 | 85.50 | 87.00 | 1.50 | < 0.05 | 2.2 | 0.19 | 0.01 | 0.00 | 9.61 |
| | 10 | 87.00 | 88.90 | 1.90 | <0.05 | 1.9 | 0.15 | 0.01 | 0.00 | 7.42 |
| | 11 | 88.90 | 89.90 | 1.00 | <0.05 | 10.5 | 1.42 | 0.04 | 0.00 | 3.45 |
| | 12 | 89.90 | 90,90 | 1.00 | 0.11 | 12.0 | 0.95 | 0.03 | 0.00 | 8.83 |
| | 13 | 90.90 | 91.90 | 1.00 | 0.08 | 15.8 | 1.59 | 0.03 | 0.00 | 8.39 |
| | 14 | 91.90 | 93.20 | 1.30 | <0.05 | 15.7 | 3.33 | 0.03 | 0.00 | 4.90 |
| | 15 | 93.20 | 94.70 | 1.50 | <0.05 | 1.4 | 0.17 | 0.01 | 0.00 | 0.70 |
| | 16 | 94.70 | 95.50 | 0.80 | <0.05 | 1.5 | 0.41 | 0.02 | 0.00 | 1.15 |
| | 17 | 95.50 | 96.50 | 1.00 | 0.10 | 15.3 | 4.25 | 0.01 | 0.00 | 6.44 |
| | 18 | 96.50 | 97,50 | 1.00 | <0.05 | 12.4 | 4.21 | 0.01 | 0.00 | 4.79 |
| | 19 | 97.50 | 98.50 | 1.00 | <0.05 | 12.1 | 4.10 | 0.02 | 0.00 | 3.86 |
| | 20 | 98.50 | 99.50 | 1.00 | <0.05 | 12.9 | 2.85 | 0.02 | 0.00 | 2.45 |
| | 21 | 99.50 | 99.90 | 0.40 | 0.36 | 5.8 | 2.12 | 0.02 | 0.00 | 2,58 |
| | 22 | 99.90 | 101.00 | 1.10 | | <u>2.6</u> <0.5 | 0.35 0.13 | 0.02 0.01 | 0.00 0.00 | 1.50 0.08 |
| | 23 | 109.65 | <u>111.00</u> 112.50 | 1.35 1.50 | 0.05 0.10 | <u>(0.5</u> 0.6 | 0.13 | 0.01 | 0.00 | 0.08 |
| | 24 25 | 111.00 112.50 | 112.50 | 1.50 | <0.10 | 0.0 | 0.13 | 0.01 | 0.00 | 1,20 |
| | 25 | 112.50 | 114.00 | 0.50 | <0.05 | 3.8 | 1.38 | 0.01 | 0.00 | 1.15 |
| | 20 | 151.30 | 151.65 | 0.35 | <0.05 | 0.6 | 0.29 | 0.01 | 0.00 | 3.20 |
| | 27 | 229.80 | 231.30 | 1.50 | <0.05 | 0.6 | 0.20 | 0.02 | 0.00 | 0.75 |
| | 20 | 231.30 | 232.80 | 1.50 | 0.05 | <0.5 | 0.29 | 0.00 | 0.00 | 1.30 |
| | 30 | 232.80 | 233.90 | 1.10 | <0.05 | <0.5 | 0.13 | 0.00 | 0.00 | 0.63 |
| | 31 | 233.90 | 234.50 | 0.60 | <0.05 | 0.5 | 0.50 | 0.01 | 0.00 | 3.82 |
| | 32 | 234.50 | 235.30 | 0.80 | <0.05 | 0.5 | 0.41 | 0.01 | 0.00 | 14.11 |
| | 33 | 235.30 | 235.65 | 0.35 | < 0.05 | 2.9 | 3.24 | 0.01 | 0.00 | 6.56 |
| | 34 | 235.65 | 236.05 | 0.40 | < 0.05 | <0.5 | 0.44 | 0.01 | 0.00 | 1.42 |
| | 35 | 236.05 | 236.20 | 0.15 | < 0.05 | 3.0 | 1.06 | 0.01 | 0.00 | 4.88 |
| | 36 | 236.20 | 237.30 | 1.10 | <0.05 | <0.5 | 0.05 | 0.02 | 0.00 | 1.06 |
| | 37 | 237.30 | 238.55 | 1.25 | 0.10 | 6.6 | 0.66 | 0.02 | 0.00 | 11.64 |
| | 38 | 238.55 | 239.20 | 0.65 | <0.05 | 1.5 | 0.39 | 0.01 | 0.00 | 6.37 |
| | 39 | 239.20 | 239.35 | 0.15 | <0.05 | 2.1 | 0.93 | 0.01 | 0.00 | 6.11 |
| 1 | 40 | 239.35 | 239.55 | 0.20 | <0.05 | 0.7 | 0.51 | 0.02 | 0.00 | 6.91 |

| Appendix 1- | 29 Resu | lts of C | ore Assa | y (Core : | Samples) | ł |
|-------------|---------|----------|----------|-----------|----------|----|
| | | | | | | |
| Donth | Wishel | ۸., | ۸ | <u> </u> | 7- | DL |

| Drill Hole | Sample | De | pth | Width | Au | Ag | Cu | Zn | Pb | S |
|------------|--------|--------|--------|-------|--------|-------|------|-------|------|-------|
| No. | No. | (n | n) | (m) | (g/t) | (g/t) | (%) | (%) | (%) | (%) |
| MJSU-5 | 41 | 239.55 | 239.75 | 0.20 | 0.06 | 0.9 | 0.51 | 0.02 | 0.00 | 20.50 |
| | 42 | 239.75 | 239.95 | 0.20 | 0.60 | <0.5 | 0.18 | 0.01 | 0.00 | 5.93 |
| | 43 | 239.95 | 240.45 | 0.50 | 0.13 | 3.5 | 0.54 | 0.02 | 0.00 | 17.26 |
| | 44 | 240.45 | 241.80 | 1.35 | <0.05 | <0.5 | 0.03 | 0.00 | 0.00 | 1.00 |
| | 45 | 241.80 | 242.60 | 0.80 | 0.08 | <0.5 | 0.07 | 0.01 | 0.00 | 2.90 |
| | 46 | 242.60 | 243.90 | 1.30 | 0.05 | <0.5 | 0.07 | 0.01 | 0.00 | 1.60 |
| | 47 | 243.90 | 245.65 | 1.75 | <0.05 | <0.5 | 0.07 | 0.01 | 0.00 | 0.70 |
| | 48 | 245.65 | 247.70 | 2.05 | <0.05 | 2.0 | 1.02 | 0.02 | 0.00 | 6.34 |
| | 49 | 247.70 | 249.80 | 2.10 | <0.05 | <0.5 | 0.05 | 0.01 | 0.00 | 1.05 |
| | 50 | 249.80 | 250.20 | 0.40 | < 0.05 | 1.0 | 0.21 | 0.03 | 0.00 | 4.50 |
| | 51 | 250.35 | 251.70 | 1.35 | <0.05 | 2,2 | 0.62 | 0.02 | 0.00 | 3.90 |
| | 52 | 252.15 | 253.80 | 1.65 | 0.09 | 1.0 | 0.34 | 0.01 | 0.00 | 1.91 |
| | 53 | 253.90 | 255.45 | 1.55 | <0.05 | 1.4 | 0.81 | 0.01 | 0.00 | 5.13 |
| | 54 | 255.45 | 256.30 | 0.85 | 0.12 | 21.9 | 2.58 | 0.02 | 0.00 | 9.30 |
| | 55 | 268.90 | 269.75 | 0.85 | <0.05 | 1.8 | 0.95 | 0.01 | 0.00 | 9.20 |
| | 56 | 269.75 | 270.20 | 0.45 | <0.05 | <0.5 | 0.04 | 0.01 | 0.00 | 0.99 |
| | 57 | 270.20 | 271.10 | 0.90 | <0.05 | 0.9 | 0.23 | 0.01 | 0.00 | 16.30 |
| | 58 | 271.10 | 271.55 | 0.45 | <0.05 | 2.0 | 1.06 | 0.01 | 0.00 | 32.30 |
| | 59 | 271.55 | 271.85 | 0.30 | 0.09 | 8.6 | 2.49 | 0.02 | 0.00 | 6.32 |
| | 60 | 271.85 | 273.45 | 1.60 | <0.05 | 3.3 | 1.48 | 0.01 | 0.00 | 1.95 |
| | 61 | 273.45 | 274.20 | 0.75 | 0.10 | 2.1 | 2.01 | 0.01 | 0.00 | 5.20 |
| | 62 | 274.20 | 275.40 | 1.20 | <0.05 | 1.0 | 0.27 | 1.01 | 0.00 | 8.73 |
| | 63 | 275.40 | 276.35 | 0.95 | 0.06 | <0.5 | 0.11 | 0.02 | 0.00 | 0.80 |
| | 64 | 276.35 | 277.15 | 0.80 | 0.27 | 2.6 | 0.70 | 0.01 | 0.00 | 2.16 |
| | 65 | 277.15 | 277.80 | 0.65 | <0.05 | <0.5 | 0.04 | 0.01 | 0.00 | 0.45 |
| | 66 | 277.80 | 278,15 | 0.35 | <0.05 | 1.7 | 1.06 | 0.01 | 0.00 | 3.36 |
| | 67 | 278.15 | 280.00 | 1.85 | <0.05 | 1.1 | 0.34 | 0.01 | 0.00 | 1.40 |
| | 68 | 280.00 | 280.35 | 0.35 | <0.05 | <0.5 | 0.28 | 0.01 | 0.00 | 1.54 |
| | 69 | 285.25 | 285.50 | 0.25 | <0.05 | 6.4 | 1.96 | 0.01 | 0.00 | 4.33 |
| | 70 | 285.50 | 287.40 | 1.90 | <0.05 | <0.5 | 0.03 | 0.02 | 0.00 | 2.83 |
| | 71 | 298.95 | 299.90 | 0.95 | 0.18 | <0.5 | 0.24 | 0.01 | 0.00 | 2.00 |
| | 72 | 299.90 | 301.60 | 1.70 | <0.05 | 1.3 | 0.31 | 0.01 | 0.00 | 0.90 |
| | 73 | 303.55 | 303.85 | 0.30 | <0.05 | <0.5 | 0.17 | 0.01 | 0.00 | 1.36 |
| | 74 | 306.90 | 308.35 | 1.45 | <0.05 | <0.5 | 0.04 | 0.01 | 0.00 | 1.25 |
| | 75 | 308.35 | 310.30 | 1.95 | <0.05 | <0.5 | 0.12 | 0.01 | 0.00 | 0.30 |
| | 76 | 314.95 | 315.05 | 0.10 | <0.05 | <0.5 | 0.36 | 0.02 | 0.00 | 1.00 |
| | 77 | 318.90 | 319.05 | 0.15 | <0.05 | <0.5 | 0.19 | 0.01 | 0.00 | 0.50 |
| | 78 | 328.90 | 329.90 | 1.00 | <0.05 | 8.6 | 7.04 | 0.02 | 0.00 | 5.00 |
| | 79 | 329.90 | 330.40 | 0.50 | 0.33 | 5.2 | 7.32 | 0.01 | 0.00 | 3.30 |
| | 80 | 330.50 | 331.20 | 0.70 | <0.05 | 7.4 | 6.10 | 0.02 | 0.00 | 5.10 |
| | 81 | 331.20 | 331.65 | 0.45 | 0.05 | < 0.5 | 0.33 | 0.02 | 0.00 | 2.25 |
| MIOUR | 82 | 342.20 | 342.50 | 0.30 | 0.09 | 0.8 | 0.47 | 0.02 | 0.00 | 2.60 |
| MJSU-6 | 1 | 64.15 | 65.20 | 1.05 | <0.05 | 0.7 | 0.02 | 0.02 | 0.00 | 1.15 |
| | 2 | 65.20 | 66.15 | 0.95 | <0.05 | <0.5 | 0.01 | 0.02 | 0.00 | 1.10 |
| | 3 | 66.15 | 66.90 | 0.75 | <0.05 | <0.5 | 0.03 | 0.03 | 0.00 | 2.25 |
| | 4 | 83.05 | 85.00 | 1.95 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 1.15 |
| | 5 | 98.70 | 99.90 | 1.20 | <0.05 | <0.5 | 0.00 | 0.03 | 0.00 | 2.20 |
| | 6 | 133.20 | 133.85 | 0.65 | <0.05 | 4.6 | 0.28 | 0.24 | 0.01 | 6.50 |
| | 7 | 133.85 | 134.75 | 0.90 | < 0.05 | 1.9 | 0.16 | 0.48 | 0.02 | 1.75 |
| | 8 | 134.75 | 135.35 | 0.60 | <0.05 | 71.6 | 1.71 | 16.20 | 0.36 | 10.00 |
| | 9 | 135.35 | 135.75 | 0.40 | <0.05 | 1.1 | 0.06 | 0.47 | 0.02 | 1.10 |
| | 10 | 135.75 | 136.20 | 0.45 | < 0.05 | 15.0 | 0.17 | 0.04 | 0.02 | 4.60 |
| | 11 | 136.20 | 136.45 | 0.25 | 0.06 | 3.7 | 0.25 | 0.02 | 0.01 | 1.24 |
| | 12 | 136.45 | 136.90 | 0.45 | <0.05 | 15.4 | 0.61 | 0.04 | 0.01 | 3.70 |
| | 13 | 136.90 | 137.20 | 0.30 | <0.05 | 2.7 | 0.03 | 0.02 | 0.00 | 0.64 |
| | 14 | 137.20 | 138.00 | 0.80 | <0.05 | 40.3 | 0.97 | 3.17 | 0.06 | 10.70 |

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Appendix 1-29 Results of Ore Assay (Core Samples)

| Drill Hole | Sample | Dep | oth | Width | Au | Ag | Cu | Zn | Pb | S |
|------------|--------|--------|--------|-------|--------|-------|------|------|------|-------|
| No. | No. | (n | | (m) | (g/t) | (g/t) | (%) | (%) | (%) | (%) |
| MJSU-6 | 15 | 138.00 | 138.85 | 0.85 | <0.05 | <0.5 | 0.03 | 0.04 | 0.00 | 0.47 |
| | 16 | 138.85 | 139.30 | 0.45 | <0.05 | 3.2 | 0.23 | 0.06 | 0.01 | 2.90 |
| | 17 | 139.30 | 140.10 | 0.80 | <0.05 | <0.5 | 0.02 | 0.03 | 0.00 | 2.85 |
| | 18 | 140.10 | 140.40 | 0.30 | <0.05 | <0.5 | 0.03 | 0.03 | 0.00 | 2.10 |
| | 19 | 140.40 | 141.50 | 1.10 | <0.05 | <0.5 | 0.04 | 0.03 | 0.00 | 2.60 |
| | 20 | 154.05 | 154.25 | 0.20 | <0.05 | 1.5 | 0.05 | 0.22 | 0.00 | 5.40 |
| | 21 | 154.25 | 154.60 | 0.35 | <0.05 | 0.7 | 0.01 | 0.02 | 0.00 | 10.60 |
| | 22 | 154.60 | 154.85 | 0.25 | <0.05 | 3.2 | 0.12 | 0.03 | 0.00 | 2.14 |
| | 23 | 166.80 | 167.05 | 0.25 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 2.68 |
| | 24 | 174.20 | 174.35 | 0.15 | <0.05 | 1.4 | 0.00 | 0.00 | 0.00 | 3.10 |
| | 25 | 182.15 | 182.90 | 0.75 | <0.05 | 2.1 | 0.10 | 0.01 | 0.00 | 5.57 |
| | 26 | 213.55 | 214.30 | 0.75 | <0.05 | <0.5 | 0.00 | 0.00 | 0.00 | 8.36 |
| | 27 | 214.30 | 215.10 | 0.80 | 0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 1.30 |
| | 28 | 215.10 | 215.95 | 0.85 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 2.70 |
| | 29 | 215.95 | 218.00 | 2.05 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 0.80 |
| | 30 | 218.00 | 219.90 | 1.90 | <0.05 | 0.5 | 0.00 | 0.01 | 0.00 | 6.16 |
| | 31 | 219.90 | 220.70 | 0.80 | 0.07 | <0.5 | 0.00 | 0.01 | 0.00 | 2.00 |
| | 32 | 220.70 | 220.90 | 0.20 | <0.05 | 4.0 | 0.03 | 0.00 | 0.00 | 26.15 |
| | 33 | 220.90 | 223.00 | 2.10 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 7.35 |
| | 34 | 223.00 | 225,65 | 2.65 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 4.00 |
| | 35 | 225,65 | 227.25 | 1.60 | <0.05 | <0.5 | 0.00 | 0.00 | 0.00 | 13.40 |
| | 36 | 227,25 | 228.90 | 1.65 | <0.05 | 0.6 | 0.00 | 0.00 | 0.00 | 20.00 |
| | 37 | 241.55 | 243.65 | 2.10 | <0.05 | 1.2 | 0.01 | 0.02 | 0.00 | 2.30 |
| | 38 | 243.65 | 244.95 | 1.30 | <0.05 | 1.4 | 0.06 | 0.01 | 0.00 | 1.75 |
| MJSU-7 | 1 | 18.25 | 20.50 | 2.25 | <0.05 | <0.5 | 0.02 | 0.01 | 0.00 | 0.62 |
| | 2 | 25.10 | 26.75 | 1.65 | <0.05 | 0.8 | 0.06 | 0.04 | 0.00 | 0.57 |
| | 3 | 28.45 | 30.00 | 1.55 | <0.05 | 0.7 | 0.05 | 0.21 | 0.00 | 0.65 |
| | 4 | 34.15 | 35.85 | 1.70 | <0.05 | 0.6 | 0.03 | 0.02 | 0.00 | 1.00 |
| | 5 | 49.25 | 49.85 | 0.60 | <0.05 | 2.4 | 0.10 | 0.01 | 0.00 | 3.80 |
| | 6 | 60.00 | 60.20 | 0.20 | <0.05 | , 9.1 | 0.91 | 0.03 | 0.00 | 4.88 |
| | 7 | 62.85 | 63.50 | 0.65 | <0.05 | 29.0 | 2.05 | 0.08 | 0.00 | 6.60 |
| | 8 | 63.50 | 64.85 | 1.35 | <0.05 | 3.8 | 0.33 | 0.04 | 0.00 | 2.75 |
| | 9 | 70.15 | 72.65 | 2.50 | <0.05 | 1.3 | 0.03 | 0.03 | 0.00 | 4.88 |
| | 10 | 72.65 | 73.45 | 0.80 | <0.05 | 1.8 | 0.09 | 0.03 | 0.00 | 2.64 |
| | 11 | 73.45 | 74.30 | 0.85 | <0.05 | 1.3 | 0.08 | 0.02 | 0.00 | 4.50 |
| | 12 | 74.30 | 76.55 | 2.25 | <0.05 | 1.9 | 0.07 | 0.05 | 0.00 | 10.80 |
| | 13 | 76.55 | 76.70 | 0.15 | <0.05 | 4.3 | 0.38 | 0.45 | 0.00 | 20.32 |
| | 14 | 76.70 | 78.05 | 1.35 | <0.05 | 0.6 | 0.05 | 0.03 | 0.00 | 5.38 |
| | 15 | 79.90 | 80.15 | 0.25 | <0.05 | <0.5 | 0.05 | 0.02 | 0.00 | 2.60 |
| | 16 | 87.20 | 87.40 | 0.20 | <0.05 | 1.0 | 0.04 | 0.04 | 0.00 | 2.84 |
| | 17 | 108.25 | 108.75 | 0.50 | <0.05 | 3.6 | 0.10 | 0.01 | 0.00 | 2.28 |
| | 18 | 173.85 | 174.55 | 0.70 | <0.05 | 1.1 | 0.04 | 0.09 | 0.01 | 3.00 |
| | 19 | 174.55 | 176.00 | 1.45 | <0.05 | 2.2 | 0.07 | 0.22 | 0.03 | 2.95 |
| | 20 | 176.00 | 178.00 | 2.00 | <0.05 | 0.9 | 0.02 | 0.11 | 0.01 | 2.50 |
| | 21 | 192.65 | 193.55 | 0.90 | <0.05 | 3.4 | 0.04 | 0.09 | 0.05 | 3.20 |
| | 22 | 193.55 | 194.55 | 1.00 | <0.05 | 1.5 | 0.01 | 0.33 | 0.03 | 3.00 |
| | 23 | 197.90 | 198.30 | 0.40 | <0.05 | 1.0 | 0.08 | 0.21 | 0.00 | 2.65 |
| | 24 | 227.85 | 228.80 | 0.95 | <0.05 | <0.5 | 0.03 | 0.18 | 0.00 | 2.80 |
| MJSU-8 | 1 | 14.20 | 15.00 | 0.80 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 0.33 |
| | 2 | 30.30 | 30.70 | 0.40 | <0.05 | 1.2 | 0.01 | 0.01 | 0.00 | 0.60 |
| | 3 | 30.70 | 31.25 | 0.55 | 0.07 | 1.2 | 0.01 | 0.02 | 0.00 | 0.90 |
| | 4 | 31.25 | 33.30 | 2.05 | < 0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 4.00 |
| | 5 | 33.70 | 35.70 | 2.00 | 0.06 | 0.6 | 0.01 | 0.01 | 0.00 | 4.50 |
| | 6 | 35.70 | 37.70 | 2.00 | <0.05 | 0.6 | 0.02 | 0.01 | 0.00 | 4.10 |
| | 7 | 37.70 | 39.70 | 2.00 | <0.05 | 0.7 | 0.03 | 0.01 | 0.00 | 4.35 |
| | 8 | 39.70 | 41.70 | 2.00 | <0.05 | 0.7 | 0.02 | 0.01 | 0.00 | 4.42 |

| Drill Hole | Sample | | pth | Width | | Ag | Cu | Zn | Pb | S |
|------------|----------|------------------|------------------|--------------|----------------|-------------------|-----------|--------------|--------------|---------------|
| No. | No. | | n) | (m) | (g/t) | (g/t) | (%) | (%) | (%) | (%) |
| MJSU-8 | 9 10 | 41.70 43.70 | 43.70 45.65 | 2.00 | 0.09 | 1.2 | 0.01 | 0.03 | 0.00 | 4.30 |
| | 11 | 69.55 | 45.05 71.95 | 2.40 | 0.08 <0.05 | <0.5 <0.5 | 0.01 | 0.02 0.05 | 0.00 | 3.69 |
| | 12 | 71.95 | 73.25 | 1.30 | 0.06 | 0.9 | 0.01 | 0.05 | 0.00 | 3.30 5.37 |
| | 13 | 73.25 | 73.55 | 0.30 | <0.05 | 3.9 | 0.90 | 12.74 | 0.01 | 14.00 |
| | 14 | 73.55 | 75.50 | 1.95 | 0.06 | 0.8 | 0.03 | 0.06 | 0.01 | 10.66 |
| | 15 | 75.50 | 77.20 | 1.70 | 0.14 | 1.0 | 0.02 | 0.00 | 0.01 | 11.35 |
| | 16 | 77.20 | 77.40 | 0.20 | 2.52 | 6.1 | 0.08 | 0.02 | 0.03 | 28.90 |
| | 17 | 77.40 | 79.20 | 1.80 | 0.07 | 0.8 | 0.02 | 0.01 | 0.01 | 12.10 |
| | 18 | 79.20 | 81.00 | 1.80 | 0.08 | 0.9 | 0.02 | 0.01 | 0.01 | 12.64 |
| | 19 | 81.00 | 82.65 | 1.65 | 0.08 | 1.1 | 0.02 | 0.00 | 0.01 | 11.48 |
| | 20 | 82.65 | 83.35 | 0.70 | 0.24 | 19.5 | 1.57 | 0.01 | 0.02 | 25.00 |
| | 21 | 83.35 | 85.10 | 1.75 | 0.10 | 6.2 | 0.11 | 0.25 | 0.01 | 7.00 |
| | 22 | 85.10 | 85.85 | 0.75 | 0.51 | 35.3 | 0.15 | 0.24 | 0.02 | 13.36 |
| | 23 | 85.85 | 87.85 | 2.00 | 0.05 | 4.0 | 0.01 | 0.02 | 0.03 | 5.62 |
| | 24 | 87.85 | 90.75 | 2.90 | <0.05 | 0,5 | 0.01 | 0.01 | 0.00 | 5.55 |
| | 25 | 90.75 | 91.95 | 1.20 | <0.05 | 0.8 | 0.02 | 0.02 | 0.00 | 9.00 |
| | 26 | 91.95 | 95.00 | 3.05 | <0.05 | 0.6 | 0.01 | 0.01 | 0.00 | 4.07 |
| | 27 28 | 95.00 97.90 | 96.95 | 1.95 | <0.05 | 0.9 | 0.01 | 0.01 | 0.00 | 4.80 |
| | 20 29 | 101.80 | 101.10 104.65 | 3.20 2.85 | 0.17 <0.05 | 2.0 | 0.02 | 0.01 | 0.00 | 8.79 |
| | 30 | 104.65 | 107.55 | 2.05 | <0.05 | <u>1.0</u> 1.3 | 0.01 0.02 | 0.03 | 0.00 0.00 | 6.70 |
| | 31 | 107.55 | 110.00 | 2.30 | <0.05 | 1.5 | 0.02 | 0.01 | 0.00 | 9.60 10.00 |
| | 32 | 110.00 | 113.00 | 3.00 | <0.05 | <0.5 | 0.04 | 0.02 | 0.00 | 5.60 |
| | 33 | 113.00 | 114.05 | 1.05 | <0.05 | 0.8 | 0.02 | 0.10 | 0.00 | 7.95 |
| | 34 | 114.05 | 117.00 | 2.95 | <0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 4.75 |
| | 35 | 117.00 | 120.00 | 3.00 | < 0.05 | 0.8 | 0.01 | 0.01 | 0.00 | 6.10 |
| | 36 | 120.00 | 123.00 | 3.00 | 0.07 | 0.9 | 0.01 | 0.01 | 0.00 | 5,15 |
| | 37 | 123.00 | 124,45 | 1.45 | <0.05 | 0.5 | 0.01 | 0.01 | 0.00 | 5.75 |
| | 38 | 124.45 | 125.80 | 1.35 | <0.05 | 0.5 | 0.01 | 0.01 | 0.00 | 4.00 |
| | 39 | 125.80 | 128.05 | 2.25 | <0.05 | 0.7 | 0.01 | 0.01 | 0.00 | 6.80 |
| | 40 | 128.05 | 129.55 | 1.50 | <0.05 | 1.0 | 0.04 | 0.01 | 0.01 | 10.40 |
| | 41 | 129.55 | 132,15 | 2.60 | <0.05 | 1.0 | 0.02 | 0.03 | 0.00 | 6.00 |
| | 42 | 132.15 | 133.00 | 0.85 | <0.05 | 1.0 | 0.03 | 0.01 | 0.00 | 9.73 |
| | 43 | 133.00 | 134.75 | 1.75 | 0.07 | 1.0 | 0.02 | 0.01 | 0.00 | 5,15 |
| | 44 | 134.75 | 137.70 | 2.95 | < 0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 3.70 |
| | 45 46 | 137.70 | 138.85 | 1.15 | <0.05 | 0.5 | 0.01 | 0.00 | 0.00 | 4.80 |
| | 40 | 138.85 139.35 | 139,35 | 0.50 | <0.05 | <0.5 | 0.00 | 0.01 | 0.00 | 3.55 |
| | 47 | 142.00 | 142.00 143.40 | 2.65 1.40 | <0.05 <0.05 | <0.5 <0.5 | 0.01 | 0.02 | 0.00 0.00 | 5.55 5.20 |
| ŗ | 49 | 143.40 | 143.40 | 0.95 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 5.20 4.60 |
| | 50 | 144.35 | 146.00 | 1.65 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 6.10 |
| | 51 | 146.00 | 147.50 | 1.50 | <0.05 | 0.7 | 0.01 | 0.00 | 0.00 | 4.30 |
| | 52 | 147.50 | 149.00 | 1.50 | <0.05 | 0.6 | 0.01 | 0.02 | 0.00 | 4.55 |
| ľ | 53 | 149.00 | 150.50 | 1.50 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 4.14 |
| | 54 | 150.50 | 152.00 | 1.50 | <0.05 | 0.7 | 0.01 | 0.01 | 0.00 | 5.50 |
| | 55 | 152.00 | 153.50 | 1.50 | <0.05 | 0.6 | 0.01 | 0.01 | 0.00 | 4.00 |
| | 56 | 153.50 | 154.20 | 0.70 | <0.05 | 0.6 | 0.01 | 0.03 | 0.01 | 5.10 |
| | 57 | 154.20 | 155,45 | 1.25 | <0.05 | 0.6 | 0.02 | 0.04 | 0.00 | 8.80 |
| ļ | 58 | 155.45 | 157.00 | 1.55 | <0.05 | <0.5 | 0.01 | 0.03 | 0.01 | 4.02 |
| - | 59 | 157.00 | 158,75 | 1.75 | <0.05 | 0.8 | 0.01 | 0.01 | 0.00 | 5.52 |
| ŀ | 60 | 158.75 | 159.95 | 1.20 | <0.05 | 1.0 | 0.01 | 0.04 | 0.00 | 6.45 |
| ŀ | 61 | 159.95 | 161.50 | 1.55 | <0.05 | 1.8 | 0.02 | 0.04 | 0.01 | 7.26 |
| - | 62 | 161.50 | 163.00 | 1.50 | <0.05 | 2.5 | 0.01 | 0.02 | 0.01 | 6.90 |
| ł | 63 | 163.00 | 164.50 | 1.50 | <0.05 | 2.6 | 0.01 | 0.02 | 0.01 | 10.12 |
| | 64 | 164.50 | 166.00 | 1.50 | <0.05 | 1.0 | 0.02 | 0.04 | 0.01 | 6.18 |

Appendix 1-29 Results of Ore Assay (Core Samples)

Appendix 1-29 Results of Ore Assay (Core Samples)

| Drill Hole | Sample | Dep | oth | Width | Au | Ag | Cu | Zn | Pb | S |
|------------|--------|--------|--------|-------|-------|-------|------|------|------|------|
| No. | No. | (m | n) | (m) | (g/t) | (g/t) | (%) | (%) | (%) | (%) |
| MJSU-8 | 65 | 166.00 | 167.50 | 1.50 | <0.05 | 0.7 | 0.01 | 0.02 | 0.00 | 4.27 |
| | 66 | 167.50 | 169.00 | 1.50 | <0.05 | 0.5 | 0.01 | 0.03 | 0.00 | 4.06 |
| | 67 | 169.00 | 170.50 | 1.50 | <0.05 | 0.6 | 0.01 | 0.01 | 0.00 | 5.35 |
| | 68 | 170.50 | 172.00 | 1.50 | <0.05 | 0.7 | 0.00 | 0.02 | 0.00 | 3.90 |
| | 69 | 172.00 | 173.50 | 1.50 | <0.05 | <0.5 | 0.01 | 0.03 | 0.00 | 3.12 |
| | 70 | 173.50 | 175.00 | 1.50 | <0.05 | 1.0 | 0.01 | 0.02 | 0.00 | 4.25 |
| | 71 | 175.00 | 176.50 | 1.50 | <0.05 | 0.8 | 0.01 | 0.01 | 0.00 | 3.90 |
| | 72 | 176.50 | 178.00 | 1.50 | <0.05 | 1.0 | 0.01 | 0.01 | 0.00 | 3.95 |
| · · | 73 | 178.00 | 179.50 | 1.50 | <0.05 | 0.6 | 0.00 | 0.01 | 0.00 | 3.00 |
| | 74 | 179.50 | 181.00 | 1.50 | <0.05 | 0.6 | 0.01 | 0.01 | 0.00 | 3.78 |
| | 75 | 181.00 | 182.60 | 1.60 | <0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 3.39 |
| | 76 | 183.50 | 185.00 | 1.50 | <0.05 | 1.0 | 0.01 | 0.01 | 0.00 | 4.22 |
| | 77 | 185.00 | 186.05 | 1.05 | <0.05 | 1.5 | 0.00 | 0.01 | 0.00 | 5.66 |
| | 78 | 199.00 | 200.50 | 1.50 | <0.05 | <0.5 | 0.00 | 0.00 | 0.00 | 2.25 |
| | 79 | 200.50 | 202.00 | 1.50 | <0.05 | <0.5 | 0.00 | 0.00 | 0.00 | 2.50 |
| | 80 | 202.00 | 203.50 | 1.50 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 2.42 |
| | 81 | 203.50 | 205.00 | 1.50 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 1.85 |
| | 82 | 205.00 | 206.50 | 1.50 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 3.35 |
| | 83 | 206.50 | 208.00 | 1.50 | <0.05 | <0.5 | 0.00 | 0.00 | 0.00 | 1.65 |
| | 84 | 208.00 | 209.50 | 1.50 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 2.25 |
| | 85 | 209.50 | 211.15 | 1.65 | <0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 2.90 |
| | 86 | 228.45 | 230.00 | 1.55 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 1.15 |
| | 87 | 230.00 | 231.45 | 1.45 | <0.05 | <0.5 | 0.01 | 0.01 | 0.00 | 3.00 |
| | 88 | 231.45 | 232.95 | 1.50 | <0.05 | 0.9 | 0.01 | 0.00 | 0.00 | 1.00 |
| | 89 | 232.95 | 233.85 | 0.90 | <0.05 | <0.5 | 0.01 | 0.00 | 0.00 | 0.85 |
| | 90 | 233.85 | 235.35 | 1.50 | <0.05 | <0.5 | 0.00 | 0.00 | 0.00 | 3.10 |
| | 91 | 235.35 | 236.70 | 1.35 | <0.05 | 0.7 | 0.01 | 0.00 | 0.00 | 4.45 |

e.

| Drill s | Sample | a Rock type | Texture | phenocryst or fragment groundmass or matrix metamorphic or alteration |
|---------|--------|----------------------------|------------------|---|
| | Ś | | | others MP hb qz pl Kf gi op others ep |
| NJSU-1 | 12 | 12 Rhyodacite | porphyritic | |
|] | | weakly meta | | Sericite develops stongly along cracks and partly replace plagioclase. Devitrified glass partly into chlorite. |
| | 75 | 75 Rhyodacite lapilli tuff | clastic | |
| I | | weakly meta | | Sericite occurs widely as a layer. Carbonate occurs in a matrix and as a vein. |
| | 129 | 129 Rhyodacite coarse tuff | clastic to | |
| 1 | | | porphyritic | Sericite widely develops with a mesh-like structure. |
| | 199 | | clastic | |
| | | weakly meta | | Carbonate vein is common. Chlorite and sericite replace devitrified glass. |
| | 248 | 248 Volcanic breccia | clastic | |
| | | weakly meta | | Sericite occurs as a layer replacing matrix. Chlorite replaces devitrified glass. |
| MJSU-2 | 45 | 45 Basalt | partly trachytic | |
| | | weakly meta | | Most of the minerals and glass are carbonatized and chloritized. Sericite occurs along a crack. |
| | 83 | 63 Basalt | originally | |
| 1 | | neta | aphyric | Mafic minerals are totally replace by chlorite, sericite and carbonate. Carbonate vein. |
| | 65 | 65 Microdiorite | micro-ophitic | |
| | | weakly meta | | <u>Glassy part and mafic minerals are totally replaced by chlorite and carbonate.</u> |
| | 75 | 75 Basalt | porphyritic | |
| 1 | | weakly meta | | <u>Glassy part is totally replaced by chlorite and sericite. Sericite occurs along cracks.</u> |
| | 106 | 106 Basaltic tuff | clastic to | |
| 1 | | eta | sub-trachytic | Matic minerals are totally replaced by chlorite and carbonate. Amygdule is filled by quartz and carbonate. |
| | 120 | | clastic | |
| | | weakly meta | | <u>Glassy part is totally replaced by chlorite, sericite and carbonate.</u> carbonate vein. |
| MJSU-3 | 9 | 10 Dacite | porphyritic | |
| 1 | | weakly meta | | Glass and mafic minerals is into chlorite and sericite. Plagioclase is strongly replaced by sericite. |
| | S | Silicified volcanic rock | porphyritic | |
| 1 | | weakly meta | | <u>Matrix is strongly silicified.</u> |
| | 41 | Silicified volcanic rock | porphyritic | |
| ł | | weakly meta | | <u>Matrix and feldspar are strongly silicified and sericitized.</u> Carbonate vein. |
| | 83 | | clastic | |
| 4 | | weakly meta | | <u>Mafic minerals and matrix are replaced by chlorite and sericite.</u> Plagioclase strongly by epidote and sericite. |
| | 89 | 89 Dacite | porphyritic | |
| | | weakly meta | | Mafic minerals are replaced by chlorite. Plagioclase strongly by epidote and sericite. |
| | 131 | 131 Porphyritic dacite | porphyritic | |
| 1 | | weakly meta | | <u>Matic minerals is replaced by chlorite.</u> plagioclase by epidote. Carbonate vein. |
| | 150 | 150 Microdiorite | sub-trachytic | |
| 1 | | | | <u>Mafic minerals is replaced totally by chlorite. plagioclase by sericite. Carbonate vein.</u> |
| | 171 | 171 Dacite coarse tuff | clastic | 〈△〉 〇 〇 ・ |
| | | WEANLY INCLA | | |

1/4

| II | No. | alaatia ta | MP cpx hb gz pi Kf op others MP hb gz pi Kf gi op others ep chi amp ser tit cb others |
|--------------|-----------------------------------|---------------|--|
| | Thursday and a second read | alatia ta | |
| | I I KINYODACITE COARSE TUTT | CIASTIC 10 | |
| | weakly meta | porphyritic | Mafic minerals are replaced by chlorite. Plagioclase is replaced strongly by sericite. Carbonate vein. |
| | 232 Dacite | porphyritic | |
| 24 MJSU-4 | weakly meta | | Mafic minerals are replaced by epidote and chlorite. Plagioclase is replaced mainly by sericite. Carbonate vein |
| | 243 Porphyritic dacite | porphyritic | |
| | weakiy meta | | Mafic minerals are replaced by epidote and chlorite. Plagioclase is replaced mainly by sericite. Carbonate vein. |
| | 15 Diorite | ophitic | (0) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| | weakly meta | | Mafic minerals are by epidote and chlorite. Plagioclase is locally by epidote. Graphic texture develops. |
| e | 30 Dolerite | micro-ophitic | |
| | weakly meta | | Mafic minerals except for hormblende are replaced by chlorite. Plagioclase is partly by epidote. carbonate vein |
| 4 | 40 Diorite | equigranular | |
| | weakly meta | | Plagioclase and mafic minerals are replaced totally by chlorite and sericite. Carbonate vein. |
| 4 | 45 Silicified volcanics | porphyritic? | 1 |
| | weakly meta | | Mafic minerals are replaced by chlorite. Carbonate vein is common. |
| ŝ | 52 Rhyodacite coarse tuff | clastic to | (∆) O (∆) · O O (O (O C O O O O O O O O |
| | weakly meta | porphyritic | Mafic minerals are replaced by chlorite. Plagioclase is replaced by sericite. |
| 80 | 80 Porphyritic andesite | porphyritic | |
| | weakly meta | | Hornblende is partly by chlorite, carbonate and actinolite. plagioclase by epidote. Carbonate vein. |
| ອ | 95 Porphyritic andesite | porphyritic | |
| | weakly meta | | Mafic minerals are replaced by chlorite, epidote and carbonate. Plagioclase by sericite and carbonate. |
| 12 | 121 Rhyodacite lapilli tuff | clastic to | |
| | weakiy meta | porphyritic | ic minerals and matrix are by chlorite, carbor |
| 13 | 136 Dacite coarse tuff | clastic to | |
| | weakly meta | porphyritic | <u>Mafic minerals are by chlorite and carbonate. Plagioclase is by sericite and carbonate.</u> |
| 11 | 175 Andesite | porphyritic | |
| | weakly meta | | Matic minerals are replaced by chlorite. Plagioclase is replaced strongly by sericite. |
| 61 | 193 Andesite lapilli tuff | clastic to | O ⟨@⟩ Δ <c< th=""></c<> |
| | weakly meta | porphyritic | Mafic minerals are replaced by chlorite. Plagioclase is replaced strongly by sericite. Carbonate vein. |
| - 22 | 222 Andesite lapilli tuff | clastic to | |
| | weakly meta | porphyritic | Mafic minerals are replaced by chlorite. Plagioclase is replaced strongly by sericite. Carbonate vein. |
| 23 | 238 Andesite lapilli tuff | clastic to |)> · · · · · · · · · · · · · · · · · · · |
| | weakly meta | porphyritic | Mafic minerals by chlorite and carbonate. Plagioclase by sericite and epidote. Carbonate and sericite veins. |
| 25 | 259 Dacitic lapilli tuff | clastic to | |
| | strongly by carbonate porphyritic | porphyritic | Plagioclase and matrix are strongly replaced by carbonate. Sericite occurs as a layer. Chlorite vein. |
| 28 | 282 Rhyodacite coarse tuff | clastic to | |
| | silicified | porphyritic | ongly silicified. Sericitization and chloritization are widespread. Co |
| | 288 Dacite | porphyritic | |
| | weakly meta | | Matic minerals are replaced by chlorite. Plagioclase is by sericite. Carbonate vein. |

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| Drill | Sample | e Rock type | Texture | |
|----------|--------|-----------------------------|---------------|---|
| | | | | pi Kf op others MPI hb az bi Kf |
| MJSU-4 | 296 | 296 Rhyodacite tuff | clastic to | |
| | | weakly meta | porphyritic | Mafic minerals are replaced by chlorite and sericite. Plagioclase phenocryst totally by sericite. |
| 9-USLM | ধ্য | 25 Diorite | porphyritic | |
| | | weakly meta | | Hornblende is partly replaced by chlorite. Plagioclase is strongly by epidote and sericite. |
| | 8 | 63 Diorite | ophitic | |
| | | weakly meta | | Mafic minerals are replaced by chlorite. Plagioclase phenocryst strongly by sericite. Carbonate vein. |
| | 115 | 115 Dacitic lapilli tuff | clastic to | 0 |
| | | weakly meta | porphyritic | |
| | 124 | 124 Andesite lapilli tuff | clastic to | |
| | | weakly meta | porphyritic | Mafic minerals are by chlorite. Plagioclase phenocryst strongly by epidote and sericite. Carbonate vein |
| | 138 | 138 Dolerite | ophitic | |
| | | weakly meta | | Clinopyroxene is strongly by chlorite and carbonate. Orthopyroxene(?) is totally by chlorite. |
| | 165 | 165 Andesite lapilli tuff | clastic to | |
| | | weakly meta | porphyritic | Matic minerals are replaced by chlorite. Plagioclase phenocryst strongly by sericite. Carbonate vein |
| | 194 | 194 Andesite coarse tuff | clastic to | |
| 1 | | weakly meta | porphyritic | Mafic minerals are replaced by chlorite. Plagioclase phenocryst strongly by sericite. |
| | 210 | 210 Andesite lapilli tuff | clastic to | |
| 1 | | weakiy meta | porphyritic | Mafic minerals are replaced by chlorite. Plagioclase phenocryst strongly by sericite. Carbonate vein |
| | 264 | 264 Rhyodacite | porphyritic | |
| | | weakly meta | | Matic minerals are replaced by chlorite. Plagioclase phenocryst strongly by sericite and epidote. Carbonate vein |
| | 249 | 249 Rhyodacite lapilli tuff | clastic to | 0 |
| | | weakly meta | porphyritic | Mafic minerals by chlorite. Matrix strongly by sericite and chlorite. sericite occurs as a layer. Carbonate vein. |
| | 283 | 283 Rhyodacite lapilli tuff | clastic to | 0 0 0 (@) · apa (·) 0 0 |
| | | weakly meta | porphyritic | |
| | 315 | 315 Dacitic lapilli tuff | clastic to | |
| | | weakly meta | porphyritic | Mafic minerals are replaced by chlorite. Plagioclase phenocryst strongly by sericite and epidote. Carbonate vein |
| | 337 | 337 Dacitic lapilli tuff | clastic to | |
| | | weakly meta | porphyritic | Matic minerals are replaced by chlorite. Plagioclase phenocryst strongly by sericite. |
| 9-NSCM | 47 | 47 Basaltic tuff | clastic to | |
| | | weakly meta | porphyritic | Mafic minerals and matrix are replaced totally by chlorite. Carbonate vein. |
| | 58 | 58 Basaltic fine tuff | clastic to | |
| | | weakly meta | porphyritic | Mafic minerals and matrix are replaced by chlorite. plagioclase partly by sericite. Carbonate vein. |
| | 74 | 74 Dolerite | micro-ophitic | |
| k | | weakly meta | | |
| | 132 | 132 Dacitic tuff | clastic to | |
| | | weakly meta | porphyritic | Matrix is replaced by chlorite and sericite. Plagioclase phenocryst is highly by sericite. |
| | 145 | 145 Basaltic fine tuff | clastic to | |
| | | weakly meta | porphyritic | Most of the minerals and matrix are replaced by chlorite and carbonate. |
| | | | | |

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| | | | exture | i phenocryst of fragment i groundmass or matrix i metamorphic | Dhic of alteration |
|-----------|------------|--------------------------------|-------------|--|-------------------------|
| TIOLO NO. | No. | | | MPI cnv/ hb a7 n Kf nn nthere MP hb a7 n Kf a1 nn othere an | cort tit ob other |
| 2-USLM | 72 | 72 Basaltic fine tuff | clastic to | | |
| | | weakiy meta | porphyritic | sericite. Matrix by chlorite and | sericite. Oz vein. |
| L | 202 | 202 Rhyodacite tuff | clastic to | 0 0 · aba (·) 0 | |
| | | weakiy meta | porphyritic | Matrix is replaced highly by chlorite, sericite and carbonate. Pleochroic carbonate: ankerite | te |
| <u> </u> | 210 | | porphyritic | | |
| | | weakly meta | | Plagioclase is replaced highly by chlorite, sericite and carbonate. Matrix strongly by carbonate | nate and chlorite. |
| | 240 | 240 Rhyodacite | porphyritic | O △ △ ◎ O · apa (·) | • |
| | | weakly meta | | Matic mineral (biotite?) is replaced by sericite. Sericite occurs commonly as a layer. | |
| 8-USLM | 10 | 10 Basalt | porphyritic | | |
| | | weakly meta | | Mafic minerals are replaced totally by chlorite. Matrix is by carbonate and chlorite. Carbo | 1 |
| | 20 | 20 Porphyritic basalt | porphyritic | | 0 |
| | | weakly meta | | Mafic phenocryst are by carbonate. Matrix is by chlorite. Plagioclase is by carbonate and | d epidote. |
| | 39 | 39 Rhyodacite tuff? | clastic to | | |
| | | highly silicified | porphyritic | Mafic minerals are by chlorite. Devirified glass is by chlorite(or clay minerals) | |
| | 57 | 57 Rhyodacite coarse tuff | clastic to | | 0 0 0 |
| | | weakly meta | porphyritic | Mafic minerals are replaced by carbonate. Carbonate vein. | |
| | 5 | 91 Volcanic breccia | clastic | | 0 |
| | | weakly meta | | <u>Mafic minerals(?) are replaced mainly of aggregates o opaque minerals. Quartz vein.</u> | |
| | 8 6 | 98 Volcanic breccia | clastic | | 0 |
| | | weakly meta | | Mafic minerals(?) are replaced mainly of aggregates o opaque minerals. | |
| | 183 | 183 Sandstone? | clastic | | |
| | | weakly meta | | Grain boundaries and glassy materials are highly replaced by sericite. | |
| | 192 | 192 Porphyritic andesite | porphyritic | | ∆ O prh(∆) |
| | | weakly meta | | Plagioclase(saussurite) is partly replaced by prehnite and epidote. Mafic minerals are by chi | chlorite and carbonate. |
| | 207 | 207 Pumiceous volcanic breccia | clastic | | 0 |
| | | weakly meta | | Fragment of qz aggregate is common. Glassy part is replaced by sericite. | |
| | 226 | 226 Andesite | porphyritic | | |
| | | weakly meta | | Plagioclase, totally sussurite, is replaced partly by epidote. Mafic minerals are by chlorite | and epidote. |
| | 233 | | clastic | ê | O · goe(Δ) |
| | | weakly meta | | Matic minerals are replaced by chlorite. Sericite occurs at the grain boundaries among fra | fragments. |
| | 244 | 244 Volcanic breccia | clastic | | ∆ O prh(∆) |
| | | weakly meta | | Matic minerals by chlorite and epidote. Placioclase strongly by epidote. Prehnite and carbonate veins. | bonate veins. |

abbrev. MP=pseudomorphs of mafic minerals, cpx=clinopyroxene, pl=plagioclase, op=opaque minerals, qz=quartz, hb=hornblende, kf=K-feldspar epi=epidote, gl=glass or microcrystalline aggregate, amp=green amphibole, cb.=carbonate, ser=sericite, tit=titanite, apa=apatite, cly=clay minerals, prh=prehnite <> shows almost totally decomposed @abundant, Ocommon, ∆small, -rare

| Loca | alities | Sample No. | Depth (m) | Rock Name | Pyrite | Chalcopyrite | Covellite | Chalcocite | Tetrahedrite | Sphalerite | Galena | Clausthalite (PbSe) | Altaite (PbTe) | Hessite (Ag, Te) | Naumannite (Ag ₂ Se) | Magnetite | Hematite | Anatase |
|--------------------|---------|---------------|--------------|--|--------|--------------|-----------|------------|--------------|------------|--------|------------------------|-------------------|---------------------|------------------------------------|-----------|----------|---------|
| 4/6 | MJSU-1 | 153P | 153.5 | cp-py-sph stringers | 0 | 0 | | | | 0 | 0 | | Ι | | | | | |
| Gossan | WN30-1 | 215P | 215.5 | cp-py-sph vein | 0 | 0 | | | | 0 | Δ | | | Δ | | | | |
| | | 122P | 122.4 | cp-py breccia ore | 0 | Ø | | | | Δ | | | | Γ | | | | |
| | | 124P | 124.3 | py-cp-sph breccia ore | 0 | 0 | | | | 0 | Δ | | Δ | | | | | |
| 4/6 | MJSU-2 | 131P | 131.2 | py-sph-cp massive ore | 0 | 0 | Δ | | | 0 | Δ | | | | | | | |
| Gossan | NU30-2 | 132P | 132.1 | py-cp-sph massive ore | 0 | 0 | Δ | | | 0 | Δ | | | | | | | |
| | | 135P | 135.7 | py breccia ore | 0 | Δ | | | | Δ | Δ | | | | | | | |
| | | 141P | 141.2 | py-cp massive ore | 0 | 0 | Δ | | 1 | Δ | | | | | | | | |
| Umm ad Damar | MJSU-3 | 214P | 214.9 | cp-py network vein | 0 | 0 | | | | 0 | Δ | | | | | | | |
| North | WJ30-3 | 220P | 220.6 | py-cp network vein | 0 | 0 | | | | | | | | | | 0 | Δ | |
| | | 1 43 P | 143.3 | py-cp vein, 4cm wide | 0 | 0 | | | | 0 | | | | | | | | Δ |
| Umm ad Damar | MJSU-4 | 1 49P | 149.9 | py-cp veinlets | 0 | 0 | | | | Δ | | | | | | | | 0 |
| Damar North | MJ50-4 | 156P | 156.1 | py-cp vein, 15cm wide | 0 | 0 | | | | 0 | Δ | Δ | | | | | | Δ |
| | | 279P | 279.1 | py-cp veinlets | 0 | 0 | | | | Δ | | | | | | | | |
| | | 81P | | disseminated & layered cp-py | 0 | 0 | | | | Δ | | | | | | | | Δ |
| | | 96P | | cp-py veinlets | Δ | 0 | | | | Δ | | | | | | | | |
| Umm ad Damar | MIDUE | 236P | 236.1 | cp veinlets, 15cm wide | Δ | 0 | | | | | | | | - | | | | Δ |
| Damar North | MJSU-5 | 271P | 271.2 | massive py | 0 | 0 | | | | Δ | | | | | | | | |
| | | 273P | 273.1 | layered py-cp-sph | Δ | 0 | | | | 0 | | | | | | | | 0 |
| | | 329P | 329.6 | cp veinlets, 1.5m wide | 0 | Ø | | | | | | Δ | | | | | | Δ |
| 4/6 Gossan | MJSU-6 | 135P | | thinly banded breccia ore consisting of sph-py-cp | Δ | Δ | Δ | Δ | | 0 | Δ | | Δ | | | | | |
| | | 60P | | cp-qtz vein, 20cm wide | Δ | 0 | | | Δ | Δ | | | | | | | | |
| ortheast of 4/6 | MJSU-7 | 63P | | cp-qtz veinlets, 1-2cm wide | 0 | Ø | | | | Δ | | Δ | | | Δ | | | Δ |
| Gossan | | 76P | 76.6 | cp-qtz veinlets, 15cm wide | 0 | Δ | | | | Δ | | Δ | | | | | | Δ |
| | | 73 P1 | 73 3 | py-cp massive ore fragment, 4×4cm | 0 | 0 | | | | Δ | | Δ | | | | | | |
| Jabal Sujarah | MJSU-8 | 73P2 | 735 | sph massive ore fragment, 7×7cm | 0 | 0 | | | | Ø | | | | | | | | |
| | | 83P · | | py-cp massive ore | 0 | Δ | | | | | | | | | | | | Δ |

| Appendix 1-31 | 1 Results of Microscopic Observation of Polished Section | ons (Core Samples) |
|---------------|--|--------------------|
|---------------|--|--------------------|

©abundant, Ocommon, ∆small

| Localities (Dr | rill Hoie No.) | Sample No. | Depth(m) | Rock Name | Quartz | Calcite | Chlorite | Sericite | Plagioclase | Pyrite | Chalcopyrite |
|----------------------------|----------------|---------------|----------|--|--------|---------|----------|----------|-------------|--------|--------------|
| | | 98X | 98.6 | Rhyodacitic lapilli tuff | 0 | | Δ | 0 | 0 | | |
| | | 11 7X | 117.4 | Basaltic tuff | 0 | 0 | 0 | | Δ | | |
| 4/6 Gossan | MJSU-2 | 125X | 125.7 | Rhyodacitic lapilli tuff | Δ | | 0 | | | 0 | |
| 4/0 00858/1 | MJ30-2 | 1 29X | 129.0 | Rhyodacitic lapilli tuff | 0 | | Δ | Δ | | | |
| | | 142X | 142.2 | Rhyodacitic tuff | 0 | | 0 | | | | |
| | | 144X | 144.7 | Rhyodacitic tuff | 0 | | Δ | Δ | Δ | | |
| | | 211X | 211.5 | Porphyritic dacite | 0 | | 0 | Δ | | | |
| Umm ad Damar | MJSU-3 | 217X | 217.5 | Rhyodacitic coarse tuff | 0 | | Δ | Δ | | | |
| North | | 224X | 224.5 | hvodacitic? | 0 | | Δ | | Δ | | |
| | | 56X | 56.3 | Strongly silicified rhyodacitic? rock | 0 | Δ | 0 | 0 | | Δ | |
| | | 61X | 61.5 | Silicified rhyodacitic rock | 0 | Δ | | 0 | | | |
| Umm ad Damar | | 131X | 131.6 | Rhyodacitic coarse tuff | 0 | 0 | 0 | Δ | | | |
| North | MJSU-4 | 138X | 138.0 | Dacitic coarse tuff | 0 | Δ | 0 | 0 | | | |
| | | 14 3 X | 143.1 | Chloritized part | 0 | Δ | 0 | 0 | | Δ | |
| | | 145X | 145.3 | Dacitic coarse tuff | 0 | Δ | 0 | 0 | | 0 | |
| | | 285X | 285.8 | Pyritized part | 0 | Δ | 0 | 0 | | 0 | |
| | | 79X | 79.6 | Strongly chloritized part | 0 | 0 | 0 | 0 | | Δ | |
| | | 96X | 96.3 | Strongly chloritized part | 0 | 0 | 0 | | | | |
| | | 236X | 236.1 | Chloritized part | 0 | | 0 | | | Δ | 0 |
| Umm ad Damar | MJSU-5 | 246X | 246.6 | Chloritized part | | | 0 | | | Δ | |
| North | MD-50-5 | 270X | 270.6 | Chlorite & siliceous layer in thinly banded pyrite ore | 0 | Δ | 0 | Δ | | | |
| } | | 274X | 274.3 | Chlorite & siliceous layer in banded pyrite ore | Δ | | 0 | | | Δ | Δ |
| | | 331X | 331.1 | Strongly chloritized part | | | 0 | | | | Δ |
| northeast of 4/6 Gossan | MJSU-6 | 134X | | Qtz-vein in graphite | ٢ | | 0 | Δ | | | |
| | | 41X | 41.7 | Brecciated silicified rock, rhyodacitic tuff? | ٢ | 0 | | 0 | | | |
| Jabal Sujarah | MJSU-8 | 74X | 74.6 | Clayey fine tuff 💦 | Δ | | Δ | 0 | | 0 | |
| - | | 141X | 141.8 | Pumiceous volcanic breccia | 0 | | Δ | Δ | | Δ | |
| | | 184X | 184.9 | Pumiceous lapilli tuff | | | Δ | 0 | | 0 | |

Appendix 1-32 Results of X-ray Diffraction Analysis (Core Samples)

| Samples) |
|--------------|
| Outcrop |
| and |
| (Core |
| Assay |
| Ore |
| Results of |
| Appendix 2-1 |

| Drill Hole | Sample | Del | Depth | Width | ٩n | Ag | υ | Zu | 94 4 | S | 9 L |
|------------|----------|------------------------|------------------------------------|----------------|-------|-------|------|------|---------|-------|--------|
| No. | No. | (m) | (| (m) | (g/t) | (g/t) | (%) | (%) | R | (%) | (%) |
| | - | 105.95 | 107.95 | 2.00 | 0:30 | 21.2 | 1.88 | 0.05 | 0.00 | 4.98 | 3 |
| | 2 | 107.95 | 109.95 | 2.00 | 0.35 | 26.8 | 2.37 | 0.07 | 0.00 | 6.98 | 1 |
| UAD-4 | 3 | 109.95 | 112.05 | 2.10 | 0.36 | 20.8 | 1.67 | 0.56 | 0.00 | 8.75 | |
| | 4 | 112.05 | 114.05 | 2.00 | 1.00 | 38.4 | 3.56 | 3.60 | 0.00 | 15.50 | 4 |
| | 5 | 114.05 | 115.00 | 0.95 | 1.44 | 40.8 | 4.06 | 1.96 | 0.00 | 8.25 | E |
| K0013101 | 3101 | 4/6 Gossan Prospect | Prospect | | <0.05 | <1.0 | 0.01 | 0.01 | 0.01 | ı | 31.09 |
| K002 | K0020503 | B-12 Charge | B-12 Chargeability Anomaly | ıly | <0.05 | 3.2 | 0.04 | 0.02 | 0.11 | ſ | 2.30 |
| K0020603 | 0603 | O-21 Chargeability Ano | ability Anomaly | ylı | <0.05 | 1.8 | 0.09 | 0.01 | 0.00 | ŧ | 14.91 |
| K0020604 | 0604 | 0-21 charge | 0-21 chargeability Anomaly | y ^l | <0.05 | <1.0 | 0.06 | 0.02 | 0.00 | B | 19.77 |
| K0021401 | 1401 | West of J-16 | West of J-18 Chargeability Anomaly | y Anomaly | <0.05 | <1.0 | 0.02 | 0.01 | 0.00 | 9 | 14.44 |
| K0021402 | 1402 | West of J-16 | West of J-18 Chargeability Anomaly | y Anomaly | 0.08 | 6.2 | 0.02 | 0.01 | 0.00 | I | 8.86 |
| K0021403 | 1403 | West of J-18 | West of J-18 Chargeability Anomaly | y Anomaly | <0.05 | <1.0 | 0.02 | 0.01 | 0.00 | ı | 8.33 |
| K0021404 | 1404 | 4/6 Gossan Prospect | Prospect | | 0.05 | 1,4 | 0.01 | 0.01 | 0.01 | 4 | 3.31 |

| Sample S | Symbol | Locality | Rock type | Texture | | Pher | locrys | sts or | Phenocrysts or fragmnets | nets | | | | Gro | mbnu | ass 0 | Groundmass or matrix | XiX | | | Me | Metamorphic or alteration | phic (| or alt | eratio | E |
|-----------|------------|----------------------|------------------------|---|--|--|-------------|----------|--------------------------|-----------|--|-----------------------|-----------|----------|------------|-----------|--------------------------------|--------------------|-------------------|------------|---|--|-----------|-----------|---------------------------------|---------|
| No. | | | | | МР | clp | h d | q z p | pl Kf | f op | others | * MP | clp | qų | zb | ٦ | | Kf 6 | op ^{oth} | others Epi | pi chl | amp | ser | tit | ę | others |
| KONDAFAF | | B-12 | Rhyodacite glomero- | glomero- | | | | . | * | | | | | | 0 | 0 | | $\left - \right $ | | 0 | V | | * | | Δ | |
| 000000 | - | Anomaly | weakly meta | weakly meta porphyritic Feldspars | Feldsp | are | nodera | tely alt | ered to | epidate | moderately altered to epidote and carbonate. | arbona | | e micr | ofractu | ires arc | filled r | mainly | by qua. | rtz and | Late microfractures are filled mainly by quartz and minor epidote, chlorite and carbonate. | spidote, | chlori | ite and | carbon | nate. |
| KUNDAEND | 446 | B-12 | Rhyodacite porphyritic | porphyritic | | | | 7 * | * \ | | | | | | 0 | * | | | * | 0 | 0 | | | | 0 | |
| 20002004 | | Anomaly | weakly meta | | Rock is | | affected by | | opyliti | c alte | propylitic alteration where feldspars | wher | e feld | spara | are | most | mostly altered to | red tu |) epid | ote a | epidote and carbonate. | bonat | e. | | | |
| | | B-12 | Dacite | porphyritic | | | | 0 ▼ | 0 | * | | | | | 0 | ⊲ | \$ | | | 0 | 0 | | * | | 0 | |
| | • | Anomaly | weakiy meta | | Feldspan | idspars are moderately altered to epidote, carbonate and chlorite. Glassy material is mostly altered to chlorite. Late fractures are filled by | derately | altered | ta epidc | ıte, carb | onate al | nd chlori | ite. Glas | ay mat | ariai is n | rostly al | tered to | chlorit | v. Late f | racture. | s are fille | d by que | urtz, cau | rbonate | quartz, carbonate, and spidote. | idote. |
| KOD34106 | ۰, ۲ | Southeast | Rhyodacite glomero- | glomero- | | | - | 0 | 0 | | | | | | 0 | 0 | | | * | * | ⊲ | | | | ⊲ | |
| | | of J-18 | weakly meta | weakly meta porphyritic | | Matrix is weakly chloritized and carbonatized. | chlorit | ized an | d carbo. | natized. | | mate fo | rms pal | tchy all | teration | . Local | y mild ir | ron sta | ining alt | ang mic | Carbonate forms patchy alteration. Locally mild iron staining along microfracture is | tre is du | ie to o | xidatio | due to oxidation of sulfides. | ides. |
| | | Southeast | Rhyodacite porphyritic | porphyritic | | | - | 0 | * | | | | | | 0 | ⊲ | | | * | | 0 | | * | | ⊲ | |
| 00412000 | _ | of J-18 | weakly meta | | Weekly (| Weakly schistosed, some quartz phenocrysts show | d, some | quartz | phenoci | rysts sh | ow rotat | rotational effect and | fect and | pressu | rre shad | lows. La | te micro | ufractur. | es paral | lei to st | pressure shadows. Late microfractures parallel to shear plane are filled by quartz and carbonate. | e are fill | ed by q | uertz e | nd carbo | onate. |
| K001 2001 | H PV | East of 4/6 | Dacite | glomero- | | | | | * 0 | | | | | | 0 | ⊲ | | | * | * | © | | | | ⊲ | |
| 10001000 | 2 | Gossan | weakly meta | porphyritic | Feldsp | Feldspars phenocrysts are mostly altered to carbonate, chlorite and epidote. | ocrysta | s are m | lostly a. | Itered t | o carbo | onate, c | shlorite | ande | pidote. | Matrix | is mod | ieratel | y chlori | tized. | Matrix is moderately chloritized. Late microfractures filled | srofract | iures fi | illed w | with carbonate. | onate. |
| CUBUCUUN | <u>م</u> ۔ | South | Rhyodacite glomero- | glomero- | | | | ∇ | * | * | | | | | 0 | ⊲ | | | | * | 0 | | * | | ⊲ | goe * |
| | | of J-18 | weakly meta | weakly meta porphyritic Qz phenocrysts rimmed by slikce. Feldspars phenocrysts are altered to cb. | Qz pher | tocrysts | rimmed | by slik | a. Felds | ipers ph | enocrys | sts are (| altered | to cb, c | shi, & el | oi. Two | types ch | b noted | (iron-r | ich & Ir | chi, & epi. Two types cb noted (iron-rich & iron-poor). Matrix is moderately chloritized |). Matrix | is mod | deratel | y chloriti | ized. |
| | ; rv | South | Andesite | porphyritic | | | | | 0 | | | | | | ⊲ | 0 | | | * | * | 0 | | | | ⊲ | |
| 10671004 | | of J-18 | weakly meta | & vesicular | Andes | ndesite or | dacite. | | fics to | otally | Mafics totally altered to ch | d to c | -/+ lực | - epi. | | vgdule | Amygdules (?) filled with chl, | filled | with | chl, cb, | epi | & qz. | | | | |
| K0013009 | L A | East of 4/6 Andesite | Andesite | porphyritic | | | | | 0 | | | | | | | 0 | $\hat{\mathbf{x}}$ | | * | 4 | 0 | | | | ⊲ | |
| 2000-0001 | 2 | Gossan | weakly meta | & vesicular | Basalt | asaltic andesite. | lesite | | Mafics totally | | altered | d to chl, | hl, epi, | ంర | cb. An | nygdr | Amygdules filled with chl | led v | ith ch | låk qz. | N | | | | | |
| K0091405 | 5 | South of | Andesite | intersertal | | | | | | | | | | | | 0 | | Ē | 0 | 0 | 0 | | | | ⊲ | |
| | 2 | J-18 | weakiy meta | & vesicular | Mafics totally altered to chl +/- spi. Plagioclase mostly altered to spi, chl & cb. Locally amygdules filled with chl, epi, cb & qz. | otally alt | ared to | -/+ lha | epi. Pla | gioclase | mostly | altered | to epi, c | ihl & ch | , Local | ly emyg | lules fille | 9d with | chi, epi. | cb & q | t. Micro | Microfractures with epi, cb and qz fillinga. | s with e | api, cb i | and qz fii | llings. |

Abbrev. MP=pseudomorphs of mafic minerals, cpx=clinopyroxene, pl≃plagioclase, op≕opaque minerals, qz=quartz, hb=hornblend, Kf=K-feldspar, epi≕epidote, gl=glass or microcrystalline aggreagte, amp=green amphibole, cb=carbonate, ser=sericite, tit=titanite, apa=apatite, cly=clay minerals.

<> shows totally decomposed

© abundant O common ∆ small

* rare

Appendix 2-3 Results of Microscopic Observation of Polished Sections (Outcrop and Core Samples)

| əsstanA | | | | | 4 | | | | | <u> </u> |
|-------------------------------------|----------------------|----------------------|------------------------------|-------------------------------------|----------------------|---|-----------------------|---|------------------------------|---------------------------------|
| Geothite | | | | | ⊲ | 4 | ٩ | 4 | 0 | 4 |
| Hematite | | | | | | | | | | |
| etitengeM | | 4 | ⊲ | ٩ | | | | | | |
| Pyrrhotite | | | | | ⊲ | 4 | | | 1 | |
| Naumannite (Ag _{S3} Be) | | | | | | | | | | |
| essite (ersite) | | | | | | | | | | |
| Altaite (9Td9) | | | | | | | | | | |
| Clausthalite (PbSe) | | | | | | | | | | |
| ensleb | | | | | | | | | | |
| Sphalerite | 4 | 0 | 0 | 0 | ⊲ | ⊲ | 4 | | | |
| Tetrahedrite | | | | | | . * | | | | |
| Chalcocite | | | | | | | | | | |
| Sovellite | | | 4 | | Þ | ٩ | ٩ | | | |
| Chalcopyrite | ٩ | 0 | 0 | Ø | Ø | 0 | 0 | 0 | | ⊲ |
| Pyrite | Ø | Ø | Ø | 0 | 0 | 0 | Ø | Ø | | |
| Rock Name | 108.1 Py-cp-qtz vein | 111.5 Py-cp-qtz vein | 112.2 Disseminated sp-py ore | 112.6 Disseminated sph-cp-py ore | 99.1 Cp-py stringers | 104.7 Cp-py stringers, dissemination | 111.1 Cp-py stringers | 243.6 Cp-py stringers, dissemination | Siliceous Fe-oxides | Quartz vein? with Cu- oxides |
| Depth (m) | 108.1 | 111.5 | 112.2 | 112.6 | 99.1 | 104.7 | 111.1 | 243.6 | | |
| Sample No. | 108P | 111P | 112P1 | 112P2 | 466 | 104P | 111P | 243P | K0013101 | K0022403 |
| Localities | | | | | | 9-UA11 | | | South of 4/6 Gossan K0013101 | |
| | | Umm ad Damar | South | | | Umm ad Damar | North | | South of 4 | Northeast of M-27 Anomaly |

©abundant, Ocommon, ∆small

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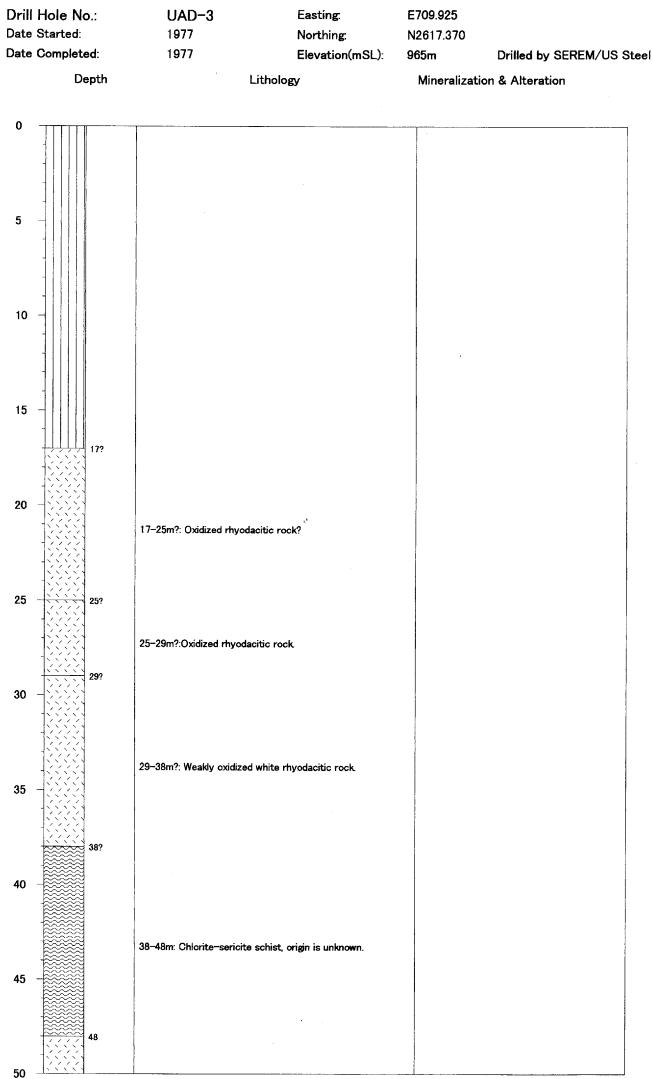
Appendix 2-4 Results of X-ray Diffraction Analysis (Outcrop and Core Samples)

| Hematite | | l | | 4 | 4 | | 4 | | | |
|-----------------------------|------------------------|------------------------|--|---------------------------------------|--|----------------------------------|------------------------------|--|---|-----------------------------------|
| Chalcopyrite | 4 | | | | | | | | | |
| Pyrite | 4 | 4 | | | | | | | | |
| ၂အ၊င | 0 | | | | | 1 | | | | |
| Epidote | | | 0 | | | | | | | |
| Plagioclase | | | | | | | | | | |
| Sericite | | | | 4 | | 4 | | | 4 | Δ |
| Chlorite | ٩ | 4 | ⊲ | | | 4 | | | ⊲ | 4 |
| Calcite | 0 | 0 | ⊲ | | | 4 | | | | |
| Tremolite | | | 0 | | | | | | | |
| Guartz | 4 | 0 | ⊲ | 0 | 0 | 0 | 0 | Ø | 0 | Ø |
| Rock Name | 112.9 Chloritized rock | 114.5 Chloritized rock | Strongly epidotized andesitic rock | Silicified dacitic rock with hematite | Silicified and clayey dacitic rock with hematite | Carbonatized rhyodacitic rock | Ferruginous rhyodacitic rock | Silicified rock with hematite, jasper? | Strongly silicified dacitic rock with hematite | Rhyodacitic rock with hematite |
| Depth(m) | 112.9 | 114.5 | | | | | | • | | |
| Sample No. | 112X | 114X | K0020801 | K0021402 | K0021403 | K0020602 | K0020601 | K0020504 | K0022401 | K0022408 |
| Localities (Drill Hole No.) | Umm ad | Damar South 040-4 | West of Umm ad Damar South Prospect | West of J-18 Anomaly | West of J-18 Anomaly | North of MJSU-7 | Northeast of MJSU-7 | North of Jabal Sujarah | North of M-27 Anomaly | J-18 Anomaly |

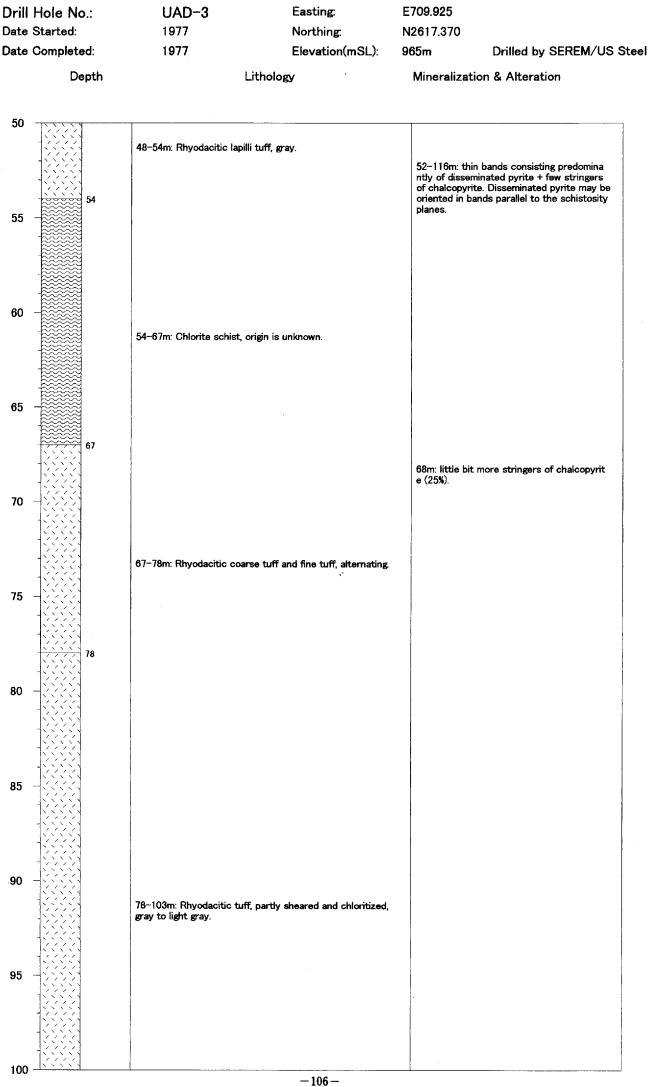
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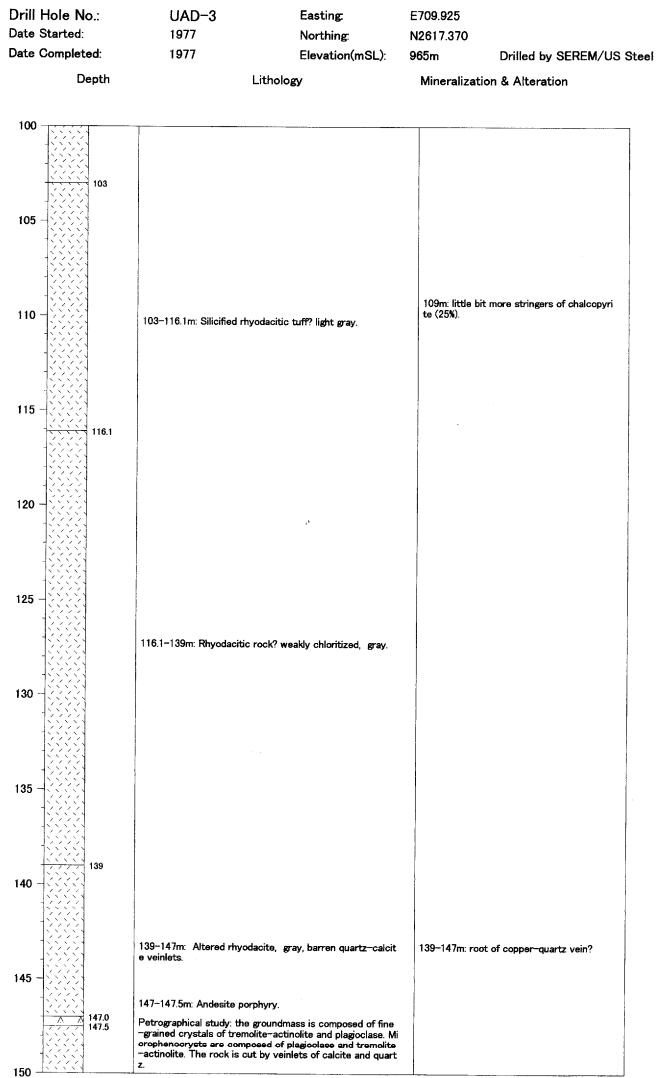
Appendix 2-5 Geological Logs of UAD-3, UAD-4, UAD-6 and UAD-10

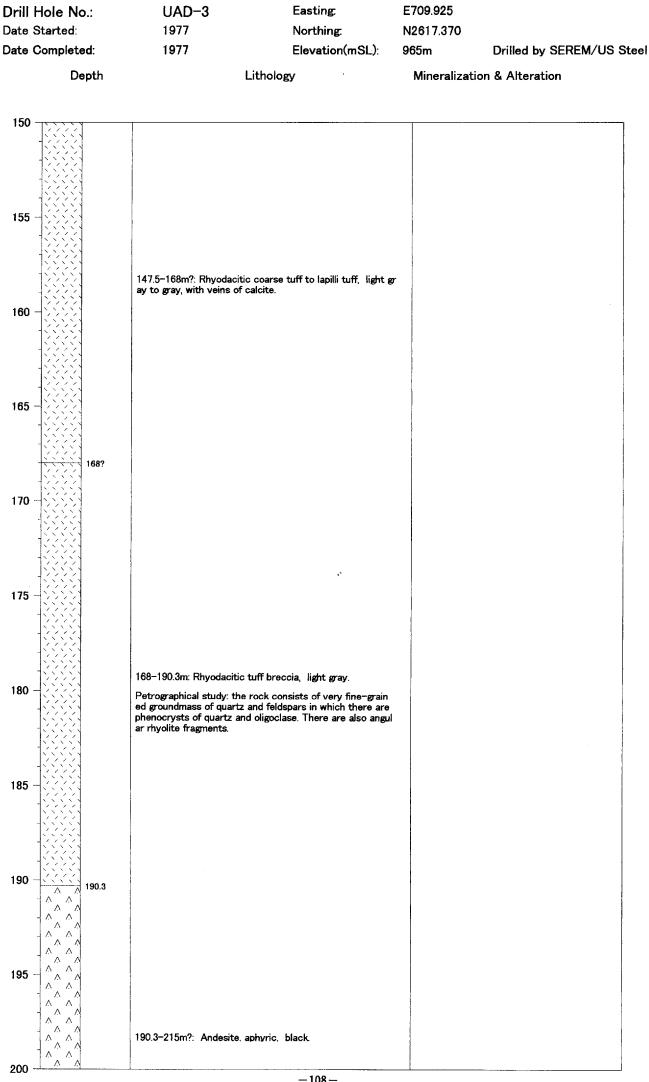
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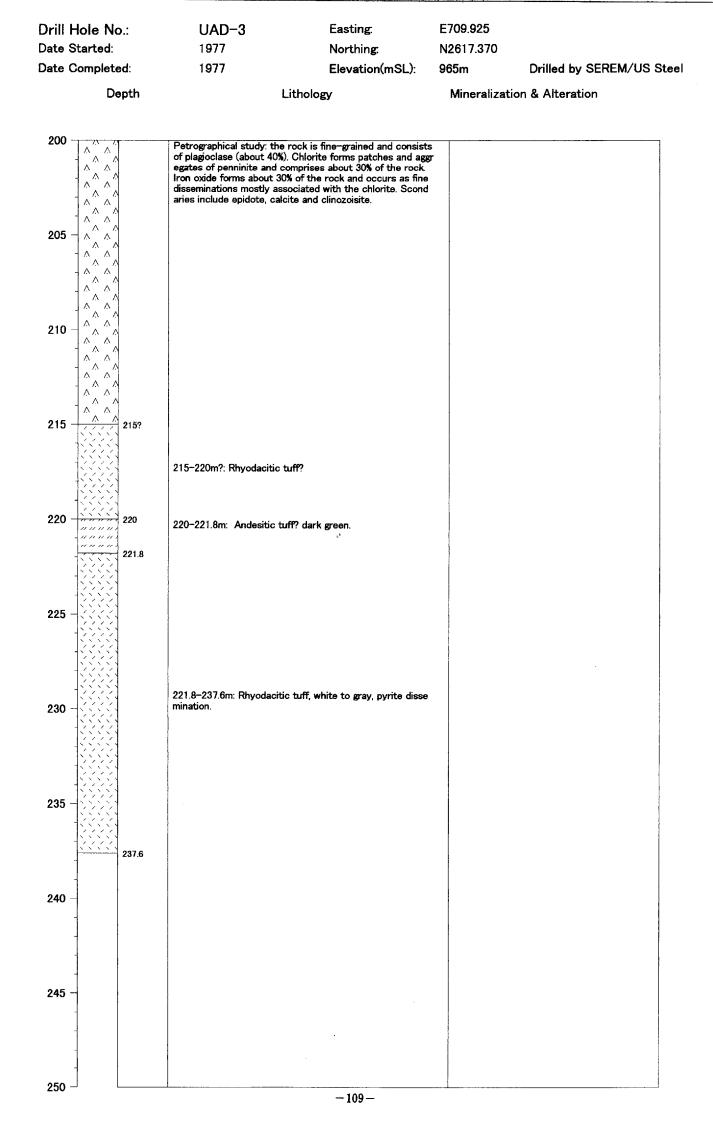
-105 -

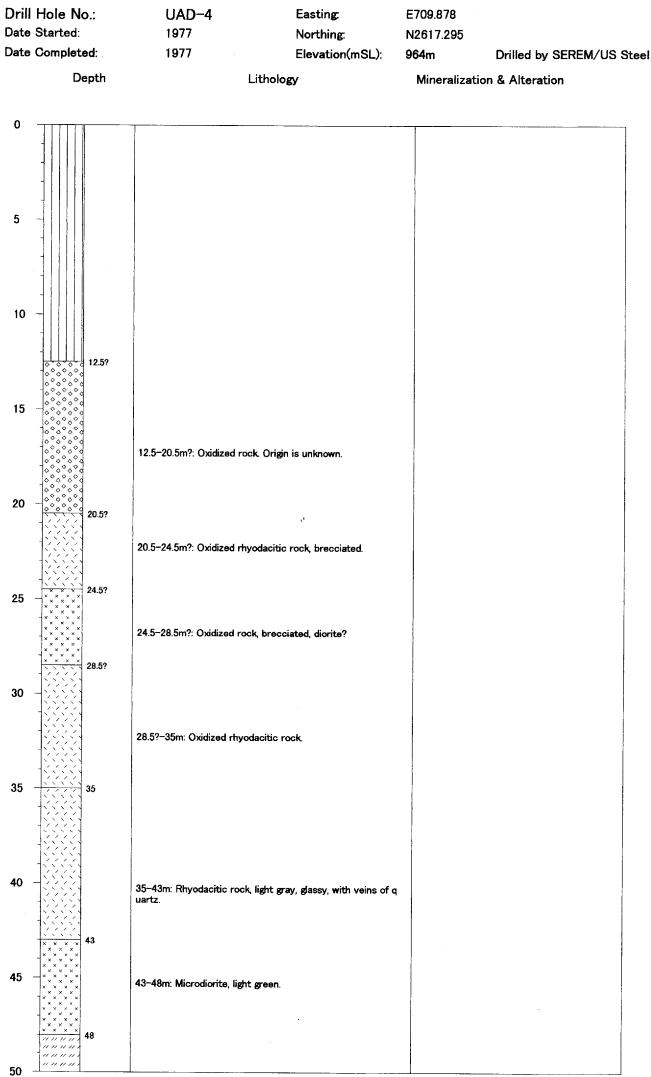






-108-



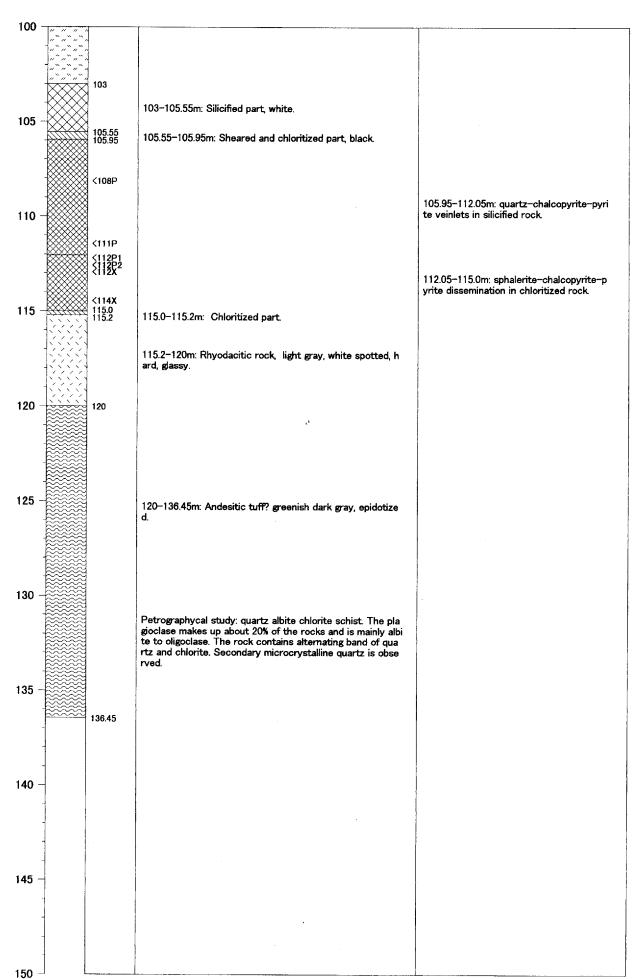


-111 -

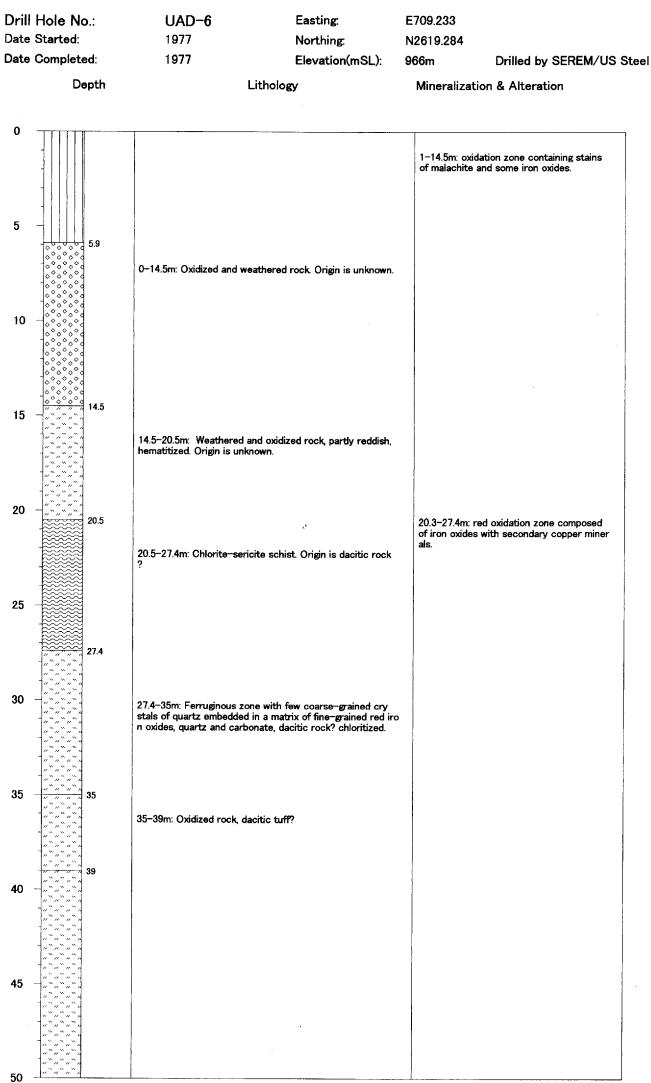
| Drill Hole No.: Date Started: | UAD-4 1977 | Easting: Northing: | E709.878 N2617.295 | |
|----------------------------------|---------------|-----------------------|-----------------------|---------------------------|
| Date Completed: | 1977 | Elevation(mSL): | 964m | Drilled by SEREM/US Steel |
| Depth | Li | thology | Mineralizatio | n & Alteration |

| 0 | | | |
|-----|-----------------------|---|--|
| | | 48-75m: Andesitic tuff, greenish gray. | |
| | 11 11 11 11 | | |
| | 11 11 11 11 1 | Petrographycal study the rock shows development of fine | |
| | | -grained chlorite, sericite, epidote and tremolite-actinolite | |
| | 11 11 11 11 | . There are fragments composed mostly of glassy material. | |
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| | [7777] | 75-81.5m: Rhyodacitic? rock, white to light gray, traversed | |
| | 1//// | by numerous quartz veins. | |
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| | 81.5 | | |
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| | 11 11 11 11 | | |
| - | 11 11 11 11 | 81.5-90.7m: Dacitic? tuff, greenish gray. | |
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| - | 90.7 | | |
| - | 90.7 | | |
| | 90.7 | | |
| | 90.7 | 90.7–103m: Dacitic? tuff, gray, weakly chloritized. | |
| - | 90.7 | 90.7–103m: Dacitic? tuff, gray, weakly chloritized. | |
| | 90.7 | 90.7–103m: Dacitic? tuff, gray, weakly chloritized. | |
| | 90.7 | 90.7–103m: Dacitic? tuff, gray, weakly chloritized. | |
| | 90.7 | 90.7–103m: Dacitic? tuff, gray, weakly chloritized. | |
| | 90.7 | 90.7–103m: Dacitic? tuff, gray, weakly chloritized. | |
| | 90.7 | 90.7–103m: Dacitic? tuff, gray, weakly chloritized. | |
| - | 90.7 | 90.7–103m: Dacitic? tuff, gray, weakly chloritized. | |

| Drill Hole No.: | UAD-4 | Easting. | E709.878 | |
|-----------------|-------|-----------------|-------------|---------------------------|
| Date Started: | 1977 | Northing: | N2617.295 | |
| Date Completed: | 1977 | Elevation(mSL): | 964m | Drilled by SEREM/US Steel |
| Depth | | Lithology | Mineralizat | ion & Alteration |



-113-



| Date Started: Date Completed: | 1977 1977 | Northing: Elevation(mSL): | N2619.284 966m | Drilled by SEREM/US Steel |
|----------------------------------|--------------|------------------------------|-------------------|----------------------------|
| Date Completed. | 1977 | Lievadon(mSL). | 300m | Drilled by SEREN/ 00 Steer |
| Depth | | Lithology | Minaralizatio | n & Alteration |

| - 0 | | | | |
|------|--|-------------|--|--|
| 50 - | | | 39-64m: Chloritized and brecciated dacitic rock, green, pa | |
| | -"`"`"`" | | rtly hematitized | |
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| | | | | |
| 70 - | | | 64–76m: Moderately chloritized, dacitic rock, greenish gra | |
| | <i>""""""""</i> "" | | y, brecciated, with quartz veins. | |
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| | | | | |
| 30 - | | | | 80–99.2m: local concentration of pyrite an |
| | - V V V V V - V V V V V | | | 80–99.2m: local concentration of pyrite an d chalcopyrite with some secondary carbo |
| _ | <u> </u> | | | nates (calcite). The mineralization is of the stringer type and contains minor amount of |
| - | ***** **** | | | magnetite. |
| - | - V V V V V V V V V V | | | |
| | V V V V V V V V V V | | | |
| 5 - | ***** | | | |
| • | <u> </u> | | 76-98m: Porphyritic dacite. | |
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| | <u><u>v</u>vvvv</u> <u>v</u> vvvv | | | - |
| - | <u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u> | | | |
| - | - V V V V V V V V V V | | | |
| 5 – | <u>vvvvv</u> | | | |
| • | | | | |
| - | V V V V V V V V V V | | | |
| | V V V V V V V V V | | | |
| - | <u><u>v</u>vvvv</u> | 8.0 | 98-100m: Chloritized rock. | 09-100m interval for all and a for |
| | | | | 98-100m: interval for chemical analysis. py rite-chalcopyrite dissemination and veinlet |
| - | - MXXXXXX | | | |
| - 00 | MAXXXXX - | 99P 00.0 | | S. |

| Drill Hole No.: | UAD-6 | Easting: | E709.233 | |
|-----------------|-------|----------------|---------------|---------------------------|
| Date Started: | 1977 | Northing: | N2619.284 | |
| Date Completed: | 1977 | Elevation(mSL) | 966m | Drilled by SEREM/US Steel |
| Depth | | Lithology | Mineralizatio | n & Alteration |

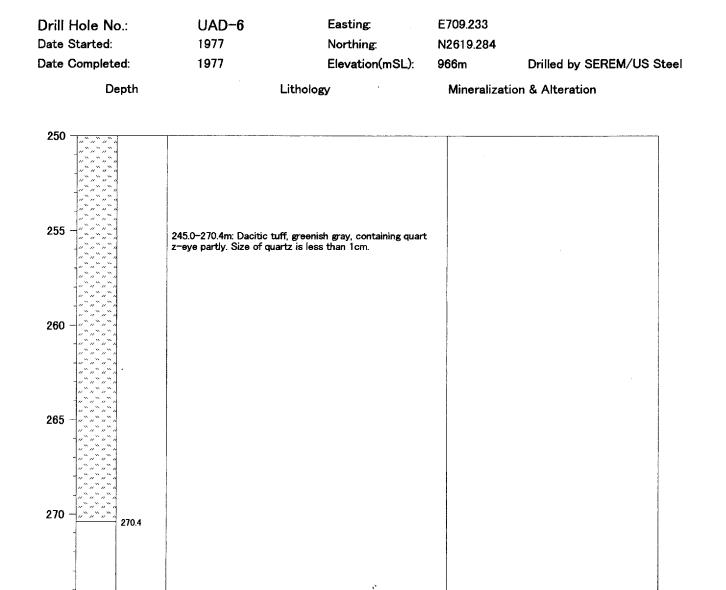
| 100 | | | | |
|----------------------|---|------------------|---|---|
| 100 - | V V V V V | | 100-104m: Porphyritic dacite? greenish gray. | |
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| | | \$ | | |
| | |) | 104-113m: Altered zone composed mainly of chlorite and | |
| | | 3 | quartz. | |
| | | \$ | | |
| | | | | 104–113m: interval for chemical analysis, p |
| | | << r>< < k903030 | | vrite-chalcopyrite dissemination and veinle |
| 110 - | | 1(109.1m) | | ts. |
| 110 | | Š | | |
| | | <111P | | |
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| 115 - | -{vvvvv | | | |
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| | vvvvv | | | |
| | - v v v v v | | | |
| 120 - | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | } | | |
| 120 - | **** | | 113-130m: Porphyritic dacite, greenish gray, size of plagio | |
| | ¹ | | clase 2-5mm. Maific minerals are chloritized. | |
| | <u> </u> | | | |
| |] • • • • • • | | | |
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| | [†] [†] [†] [†] [†] [†] [†] | | | |
| | V V V V V | | | |
| 125 - | | | | |
| | <u><u>v</u>vvvv</u> | | | |
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| | <u></u> | | | |
| 120 | **** | 400 | | |
| 130 - | V V V V V | 130 | 130–135m: Porphyritic dacite, size of plagioclase 2–5mm, | |
| | - v v v v v v | [| partly contains quartz-eye. | |
| | | | | |
| | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | Petrograhical study: meta-dacite porphyry composed of c | |
| | | | hlorite and sericite, and small crystal of plagioclase. There | |
| | V V V V V V V V V V | | are phenocrysts of plagioclase and quartz. The phenocryst | |
| - | V V V V V | | s of plagioclase are partly altered to sericite. The size of p henocrysts may reach up to 1mm in diameter. | |
| 135 - | | 135 | nencerysts may reach up to imm in diameter. | |
| - | | | | |
| - | V V V V V | | | |
| - | | | 105 140 0 D V | |
| | VVVVV | | 135–142.3m: Dacite, greenish gray. | |
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| | VVVVV | | | |
| 140 - | | | | |
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| | VVVVV | | | |
| - | | 142.3 | | |
| - | ***** | | | 142.3-186m: local dissemination of pyrite (|
| | v v v v v | | | 50%). |
| - | ***** | | | |
| | V V V V V | | | |
| 145 | | | 142.3–152.53m: Dacite, greenish gray, quartz~eye. Size of quartz is 5–8mm in diameter. | |
| 145 - |] ` ` ` ` ` ` ` | 1 | | |
| 145 - |] v v v v v [| | | |
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| 145 - | | | | |
| 145 - - - | | | | |
| 145 - - | | | | |
| 145 - - 150 | | | | |

| rill Hole No | o.: | UAD-6 | Easti | | E709.233 | |
|---|--------|--|-------------------|------------------|---------------|-------------------------|
| te Started: | | 1977 | North | - | N2619.284 | |
| ate Complete | ed: | 1977 | Eleva | tion(mSL): | 966m | Drilled by SEREM/US Ste |
| De | epth | Li | ithology | | Mineralizatio | on & Alteration |
| | | | | | | |
| 150 | | | | | | |
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| <u></u> | 152.53 | | | | | |
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| - V V V V V - V V V V V | | | | | | |
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| | | 152.53-197.1m: Porphyritic | ; quartz∽eye da | cite, lava? gree | | |
| - V V V V V V V V V | | nish gray. | | | | |
| v v v v v v v v v v | | | undur Darah ! | magaad of for a | . | |
| | | Previous petrographical st rained quartz and feldspars | s that are partly | to completely a | lt | |
| | | ered to clay minerals, main | ly sericite. The | fragments obser | - | |
| <u> </u> v v v v v | | que iron oxides, and pyrite | | epidote and opa | | |
| 65 - ***** | | que non oxidoo, and pyrice | • | | | |
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| 85 - ***** | | | | | | |
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| 90 V V V V V V V V V V V V V V V V V V V | | | | | | |
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| V V V V V | | | | | | |
| 200 | | | -11 | | | |

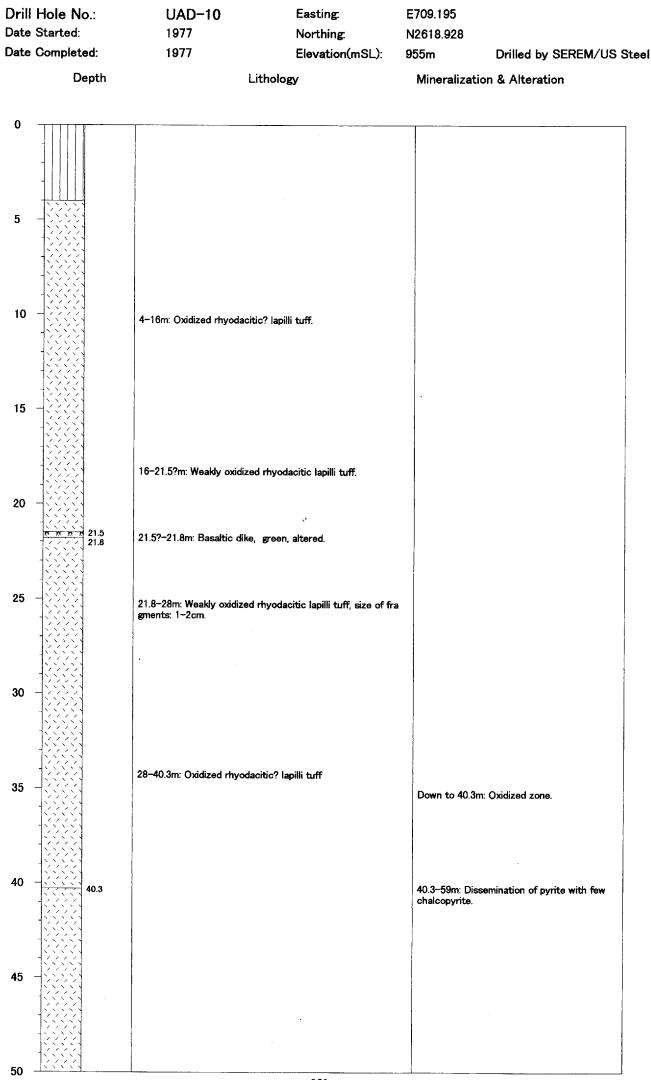
-118-

| Depth | | Lithology | Mineralizatio | n & Alteration |
|-----------------|--------------|-----------------|---------------|---------------------------|
| Date Completed: | 1977 | Elevation(mSL): | 966m | Drilled by SEREM/US Steel |
| Date Started: | 1 977 | Northing: | N2619.284 | |
| Drill Hole No.: | UAD-6 | Easting: | E709.233 | |
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| ю - | V V V V V | | 197.1-212.54m: Porphyritic dacite, greenish gray, chloritiz ed and epidotized. Size of plagioclase is 2-8mm in diameter | |
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| 20 - | | 1 | 212.54–227.70m: Dacite? greenish gray. | |
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| | <i>"""""""</i> "" | 227.70 | | |
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| u – | """""""""""""""""""""""""""""""""""""" | | 227.70-237.05m: Dacitic tuff, greenish gray, chloritized, c | |
| - | | | ontaining angular silic fragments (size <1cm). | |
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| - | innin de la comunita de la comunita de la comunicación de la comunicación de la comunicación de la comunicación | 237.05 | | 237.05-239.75m: Interval for chemical anal |
| - | UIIIIA | | | ysis. |
| | | | 237.05-239.75m: Chloritized part. | - |
| - | | | | |
| 0 | | 239.75 | 220 75 040 05 ·· D. 111 · · · | |
| | <i>"""""</i> "" | | 239.75-242.35m: Dacitic tuff. | |
| - | | | | |
| - | | 040.05 | | |
| | UIIIII | 242.35 | | |
| - | <u>UIIIII</u> | <243P | 242.35-245.0m: Chloritized part. | 242.35-245.0m: Interval for chemical analy |
| - | (IIIII) | 12401 | | sis. Pyrite-chalcopyrite dissemination and |
| 5 - | | 245.0 | | einlets. |
| J – | | 245.0 | | |
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| Drill Hole No.: | UAD-10 | Easting: | E709.195 | |
|-----------------|--------|-----------------|---------------|---------------------------|
| Date Started: | 1977 | Northing: | N2618.928 | |
| Date Completed: | 1977 | Elevation(mSL): | 955m | Drilled by SEREM/US Steel |
| Depth | | Lithology | Mineralizatio | n & Alteration |

