COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

DIAMOND DRILLING REPORT

MAT 71 GROUP

Fort Steele Mining Division

Matthew Creek Area

N.T.S. 82F/9E

LATITUDE: 490 43.6 N

LONGITUDE: 116º 06.8 W

OWNER: OPERATOR

Cominco Ltd.

Box 2000 Kimberley, B.C. V1A 2G3 PART (1) OF (2)

FILMED

Work performed during June and July 1986

Project Geologist Project Project Geologist Proj

15,430

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DIAMOND DRILLING REPORT

MAT 71 GROUP

Fort Steele Mining Division

1.00 INTRODUCTION

1.10 Specific Location

DDH 6459, the hole being reported on, was drilled on the west side of the northeast fork of Matthew Creek. Access to the drill site is by logging roads.

1.20 Property Description

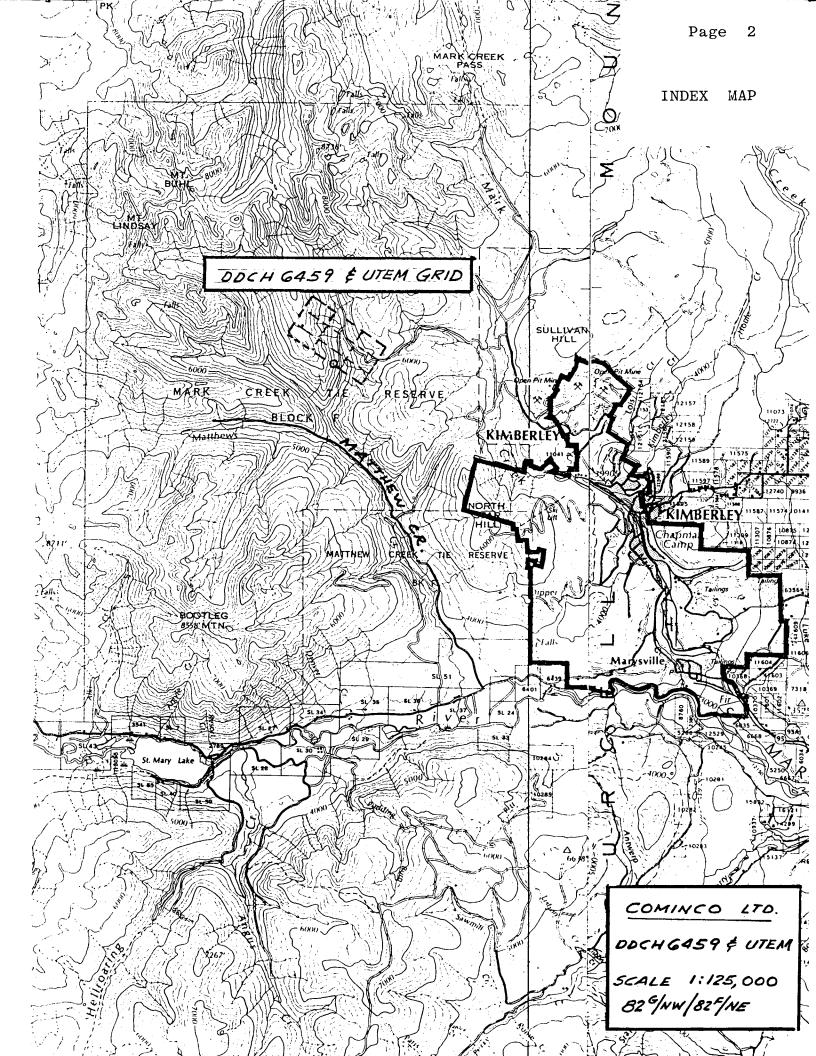
The property being investigated forms part of the Sullivan Mine claim group, owned by Cominco Ltd. Cominco has operated the mine for about 75 years. The Sullivan stratiform Ag-Pb-Zn-Fe sulphide deposit is one of the most important of its type worldwide and has contributed significantly to the mineral wealth generated in the province of British Columbia.

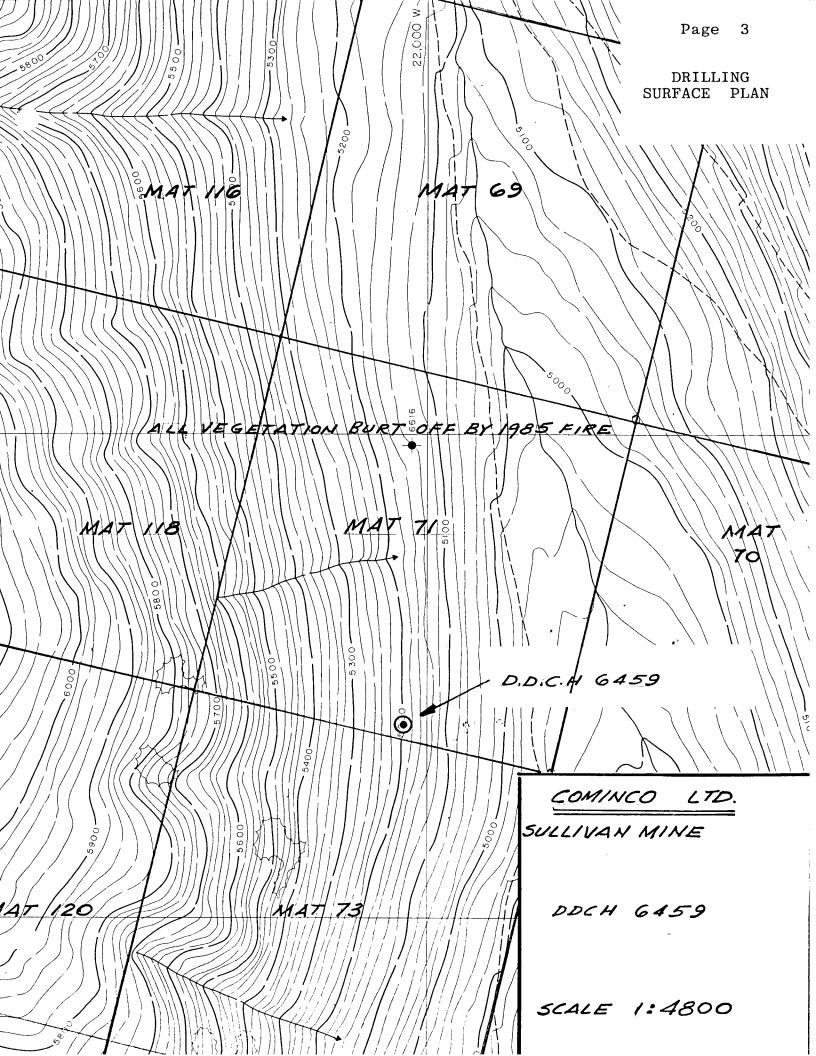
1.30 Drilling

One hole is being reported on. It was collared at -90° dip and was drilled to a depth of 650 meters using H and N wireline tools.

1.40 Claims Explored

DDH 6458 was drilled on the Mat 71 Mineral Claim.





2.00 DETAILED TECHNICAL DATA AND INTERPRETATION

2.10 Drilling

2.11 Objective

The objective of drilling DDH 6459 was to locate stratiform Ag-Pb-Zn-Fe sulphide ore.

2.12 Results

DDH 6459 intersected siliciclastic sedimentary rocks typical of the area. Pyrrhotite was noted locally, disseminated as an accessory mineral. Argillite with sparse weakly laminated and disseminated pyrrhotite was noted from 600 to 607 metres.

2.13 Interpretation

0.0 - 12.5 m Overburden

12.5 - 650.0 m Siliciclastic sedimentary rocks, Aldridge Formation.

2.14 Conclusion

DDH 6459 intersected siliciclastic sediments of turbidite and related origin, typical of the Middle Proterozoic Aldridge Formation.

Report by:

P.W. Ransom

Project Geologist

Cominco Ltd.

Endorsed by:

J.M. Hamilton

Manager, Exploration

Western Canada Cominco Ltd.

Copies:

Mining Recorder (2)

Western District Sullivan Mine

Kootenay Exploration

APPENDIX A

| Diamond Drill Geological Log For D.D.H. | 6459 | <u></u> | |
|--|----------------|--------------------------|---|
| LAT. 14800' DER -22,100' ELEV. 5,200' | | | |
| DIP: -900 AZIM.: LENGTH: 2,133' | | rs: Lithology is genera | |
| HORIZ, COMP. 544' VERT, COMP. 2,072' | determination | by scratching core with | a hacksaw blade. |
| DATE COLLARED: June 27, 1986 DATE COMPLETED: July 19, 1986 | | cannot be scratched; q | |
| CORE STORAGE: Comingo core storage in Kimberley, B.C. | | oft but presence of silt | acke is easily scratched: |
| OR CLAIM(S) Mat 71 OF IVE To explore for ore north of the Kimberley Fault. | | | lity is that some of the |
| OB IVE: To explore for ore north of the kimberley fault. | | | ly in the hottom 300 feet |
| PLANNED LENGTH: 2,100' | or so, are sil | icified quartzitic wack | Ke. |
| TERMINATION COMMENTS: No ore intersected. | | | Corrected |
| TERMINATION COMMENTS. NO VICE THIS SECTION | SURVEYS: Denti | th Din Azimuth | |
| | | | |
| | 00 | -90.0 | |
| | 57 | | 20 079.5 |
| DRILLED BY: Longyear | 264 | <u></u> | 20 097.5 |
| TYPE DRILL: 44 | 479 | | 6 103.5 — |
| CORE SIZE: HO to 1.045', NO 1045' to 2.133'. | 729 | | 20 106.5 |
| PERFORMANCE COMMENTS: | 1014 | | 20 101.0 |
| Excellent productivity and core recovery. | 1269 | | |
| | 1529 | | 20 095.5 |
| | 1749 | | 20 094.5 90 088.0 |
| | 2009 | -65.8 082 | 90 088.0 |
| | 1 | | |
| | <u></u> | | |
| | | 100/ | |
| CASING REMAINING IN HOLE (LENGTH & SIZE) 45' OF HM | 4 | <u> 106 1</u> | LEGEND |
| CASING REMAINING IN HOLE (LENGTH & SILE) 40 01 | PED TUTE | PUTER ALECTETEATION | |
| TYPE CAP & SEALING METHOD: 5' piece of HN with welded plate. | BED INTEN | KNESS CLASSIFICATION | LITHOLOGY ABBREVIATIONS |
| TIPE CAP O SEALING METIOD V FILOS VI METION VI | | Very Thick Bedded | 00 - Orthoguartzite |
| OTHER MATERIAL REMAINING IN HOLE | . I . | 100 cm | • • • |
| Older Residence Control of the Contr | | Thick Bedded | QA - Quartz arenite |
| | _{ | 30 cm | QW - Quartz Wacke |
| | BEDS | Hedium Bedded | QCW ~ Quarteltic Wacke |
| SURVEY INSTRUMENT USED: Sperry Sun | 4 } | 10 cm | • |
| | 4 | Thin Bedded | W - Wacks |
| ADDITIONAL DOWN HOLE TESTS! Down Hole UTEM | 4 l } | 3 cm | SW - Sub Wacke |
| Test of 200 and 900 Sperry Sun units near drill set-up. | 4 1 | Very Thin Bedded | ** * |
| Unit Brunton Sperry Sun Disc Correction | 1 | Laminated - | AG - Argillica |
| 20 -720 dip. 091 Azimuth -71.90 dip. 082.5 Azimuth add 8.50 to azm 90 -680 dip. 084 Azimuth -68.00 dip. 078.0 Azimuth add 6.00 to azm | LAHINAE | O,3 cm | |
| 90 -680 dip, 084 Azimuth -68.0° dip, 078.0 Azimuth add 6.0° to azm | 1 **** | Thinly Laminated | D.D.H. 6459 |
| | 1 —— | | |
| | | | |
| | | ^ ^ | |
| 1 mm Dall Hala Dagged | | * | |
| Drill Hole Record | | Cominco Pa | age 1 |
| Colour Piol à Diper | | ••• | |
| Property MAT 71 (Sullivan) District Western H | Hole No. 6459 | - - | 1 1 1 1 |
| | | | |

| Dr | rill Hole Reco | ora | | | Gomingo Page 1 | | | | |
|------|--|--|---|---|---|---------------|----------|--|----|
| | 7-1-7 | (Sullivan) | District Western | Hole No. 6459 | Hor. Comp. 5441 | 1 | | | |
| Cor | mmenced June 27, | | Location 10 to 10451 NO to | o Corr. Dip -900 | Vert. Comp. 2072 | | | | |
| | mpleted July 19, | | Core Size HQ to 1045', NQ t 00 (Sullivan Mine Grid) | 133' Yrue Brg. | Logged by P.W. Ransom | | } . | 음 | |
| | ordinates Lat. 1480 ective To explore | · · · · · · · · · · · · · · · · · · · | f the Kimberley Fault. | % Recov. Est. 95% | Date December, 1986 | - I | Brg. | Sollar C | j. |
| Fool | age (meters) Desci | ription | | <u> </u> | | Ana | lyels | | , |
| From | n To | <u> </u> | | | | | <u> </u> | | 1 |
| 0 | to 41 (12.5) | Overburden | | | • | \vdash | ╁─ | | ┢ |
| to | 95 (29.0) | Quartzitic v | vacke (50%), wacke (30 | k), argillite (20%); me | edium to light grey, fine | } | +- | | ╁╴ |
| [] | | grained; thi | ick and very thick bedde | d, generally massive | beds with graded upper | | +- | 1 | - |
| - 1 | | cross baddi | edding contacts enarp so noted in a medium w | and flat; lawingtions in acks bed at 84'; rip-v | n some argillaceous beds; up clasts noted near top | - }- | ╁ | - | ╀ |
| | | | | | | | | | 1 |
| • • | | of 3 m this | ck bed at 72', this t | hick bed may be amalgam | mated. About half of the | <u> </u> | ╅─ | | 1 |
| •• | ı | of 3 m this | ck bed at 72', this twacks is moderately calc | hick bed may be amalgam areous. | mated. About half of the | | | | |
| | | of 3 m thic quartzitic w Bedding to | ck bed at 72', this twacks is moderately calcors 66° 8 44', 70° 8 49 | hick bed may be amalgam areous. 1', 70° € 63', 65° € 84'. | mated. About half of the | | | | |
| to | 98.5 (30.0) | of 3 m thic quartzitic w Bedding to c Subwacks, as | ck bed at 72', this twacks is moderately calcors 66° 8 44', 70° 8 49 | hick bed may be amalgam areous. ', 700 @ 63', 650 @ 84'. um grey: laminated to | mated. About half of the . thin bedded, one medium | | | | |
| to | 98.5 (30.0) | of 3 m thic quartzitic m Bedding to c Subwacke, as wacke bed; | ck bed at 72', this t wacks is moderately calc core 66° 8 44', 70° 8 49 rgillite and wacks; medi contacts flat and sharp; | hick bed may be amalgam areous. ', 700 @ 63', 650 @ 84'. um grey: laminated to | mated. About half of the . thin bedded, one medium | | | | |
| to | 98.5 (30.0) | of 3 m thic quartzitic a Bedding to a Subwacke, as wacke bed; a Bedding to a | ck bed at 72', this twacks is moderately calcors 66° 8 44', 70° 8 49 rgillite and wacks; medicontacts flat and sharp; core 66° 8 95'. | hick bed may be amalgam areous. ', 70° € 63', 65° € 84'. um grey; laminated to graded; one cross bed. | mated. About half of the thin bedded, one medium | | | | |
| | 98.5 (30.0) 119.5 (36.4) | of 3 m thic quartzitic w Bedding to c Subwacke, as wacke bed; c Bedding to c | ck bed at 72', this twacks is moderately calcors 66° 8 44', 70° 8 49 rgillite and wacks; sedicontacts flat and sharp; core 66° 8 95'. | hick bed may be amalgam areous. ', 700 @ 63', 650 @ 84'. um grey; laminated to graded; one cross bed. | mated. About half of the thin bedded, one medium te; medium, some dark and | | | | |
| | | of 3 m thic quartzitic w Bedding to c Subwacke, as wacke bed; c Bedding to c Quartzitic | ck bed at 72', this to wacke is moderately calcome 660 8 44', 700 8 49 rgillite and wacke; medicontacts flat and sharp; core 660 8 95'. wacke, calcareous, mineral years years fine grained: | hick bed may be amalgam areous. 7, 700 @ 63', 650 @ 84'. um grey; laminated to graded; one cross bed. nor wacke and argillithedding contacts when | mated. About half of the thin bedded, one medium te; medium, some dark and rp, generally flat, some | | | | |
| to | 119.5 (36.4) | of 3 m thic quartzitic to Bedding to co Subwacke, as wacke bed; co Bedding to co Quartzitic some light of wavy; beds of | ck bed at 72', this twacks is moderately calcone 66° 8 44', 70° 8 49 rgillite and wacks; medicontacts flat and sharp; core 66° 8 95'. wacks, calcareous, migray; very fine grained; generally massive, grade | hick bed may be amalgam areous. ', 70° € 63', 65° € 84'. um grey: laminated to graded; one cross bed. nor wacke and argillit bedding contacts shar id tops. Bedding to core | thin bedded, one medium te; medium, some dark and rp, generally flat, some 610 @ 109', 580 @ 112'. | | | | |
| to | | of 3 m thic quartzitic to Bedding to compact, and wacke bed; compact to compa | ck bed at 72', this to wacke is moderately calcone 66° 8 44', 70° 8 49 rgillite and wacke; medicontacts flat and sharp; core 66° 8 95'. wacke, calcareous, migray; very fine grained; generally massive, grade b, subwacke, argillite and medium bedded | hick bed may be amalgam areous. ', 700 @ 63', 650 @ 84'. um grey: laminated to graded; one cross bed. nor wacke and argillit bedding contacts shar d tops. Bedding to core to quartzitic wacke; a with thin bedded zones; | thin bedded, one medium te; medium, some dark and rp, generally flat, some e 610 @ 1097, 580 @ 1127. medium grey (rarely light; bedding contacts sharp | | | | |
| to | 119.5 (36.4) | of 3 m thic quartzitic to Bedding to compact, and wacke bed; compact bedding to compact bedding the compact bedding to compact bedding the compact bedding to compact bedding the compact bedding | ck bed at 72', this to wacke is moderately calcone 66° 8 44', 70° 8 49 rgillite and wacker medicontacts flat and sharp; core 66° 8 95'. wacke, calcareous, migray; very fine grained; generally massive, grade 0, subwacke, argillite hick and medium bedded throughout; bases of | hick bed may be amalgam areous. 7, 700 @ 63', 650 @ 84'. um grey; laminated to graded; one cross bed. nor wacke and argillit bedding contacts shared tops. Bedding to core quartzitic wacke; s with thin bedded zones; most thick beds are que | thin bedded, one medium te; medium, some dark and rp, generally flat, some e 510 g 109', 580 g 112'. medium grey (rarely light ; bedding contacts sharp artzitic wacke (a few are | | | | |
| to | 119.5 (36.4) | of 3 m thic quartzitic to Bedding to construct Subwacks, as wacks bed; construct Bedding to c | ck bed at 72', this the wacks is moderately calcome 66° 8 44', 70° 8 49 rgillite and wacks; medicontacts flat and sharp; core 66° 8 95'. wacks, calcareous, migray; very fine grained; generally massive, grade 0, subwacks, argillite hick and medium bedded throughout; bases of 1 same wacks zones are 8 | hick bed may be amalgam areous. 7, 700 @ 63', 650 @ 84'. um grey; laminated to graded; one cross bed. nor wacke and argillit bedding contacts shared d tops. Bedding to core quartzitic wacke; s with thin bedded zones; most thick beds are quarter. | thin bedded, one medium te; medium, some dark and rp, generally flat, some e 610 @ 109', 580 @ 112'. medium grey (rarely light; bedding contacts sharp artzitic wacke (a few are | | | | |
| to | 119.5 (36.4) | of 3 m thic quartzitic to Bedding to con- Subwacke, as wacke bed; con- Bedding to con- Guartzitic some light; wavy; beds; Wacke (50%; or dark); the and flat in calcareous) Bedding to con- Bedding to con- | ck bed at 72', this the wacks is moderately calcome 66° 8 44', 70° 8 49 rgillite and wacks; medicontacts flat and sharp; core 66° 8 95'. wacks, calcareous, migray; very fine grained; generally massive, grade 0, subwacks, argillite hick and medium bedded throughout; bases of 1 same wacks zones are 8 | hick bed may be amalgam areous. 7, 700 @ 63', 650 @ 84'. um grey; laminated to graded; one cross bed. nor wacke and argillit bedding contacts shared tops. Bedding to core quartzitic wacke; s with thin bedded zones; most thick beds are que | thin bedded, one medium te; medium, some dark and rp, generally flat, some e 610 @ 109', 580 @ 112'. medium grey (rarely light; bedding contacts sharp artzitic wacke (a few are | | | | |
| to | 119.5 (36.4) 162 (49.4) | of 3 m thic quartzitic is Bedding to 6 Subwacke, as wacke bed; 6 Bedding to 6 Guartzitic some light; wavy; beds; 6 Wacke (50%; or dark); thand flat calcareous) Bedding to 6 70° 8 154', | ck bed at 72', this the wacks is moderately calce core 66° 8 44', 70° 8 49 rgillite and wacks; medicontacts flat and sharp; core 66° 8 95'. wacks, calcareous, migray; very fine grained; generally massive, grade 0, subwacks, argillite hick and medium bedded throughout; bases of ; some wacks zones are score 55° 8 120', 71° 8 1 70° 8 159'. | hick bed may be amalgam areous. 1, 700 @ 63', 650 @ 84'. um grey: laminated to graded; one cross bed. nor wacke and argillit bedding contacts shared d tops. Bedding to core quartzitic wacke; a with thin bedded zones; most thick beds are que ven, parallel laminated. 37', 650 @ 146', 730 @ 1 | thin bedded, one medium te; medium, some dark and rp, generally flat, some e 610 @ 109', 580 @ 112'. medium grey (rarely light; bedding contacts sharp artistic wacke (a few are | | | | |
| to | 119.5 (36.4) | of 3 m thic quartzitic to Bedding to comment of the second | ck bed at 72', this to wacks is moderately calcome 66° 8 44', 70° 8 49 rgillite and wacks; medicontacts flat and sharp; core 66° 8 95'. wacks, calcareous, migray; very fine grained; generally massive, grade 0, subwacks, argillite hick and medium bedded throughout; bases of ; some wacks zones are accore 65° 8 120', 71° 8 1 70° 8 159'. | hick bed may be amalgam areous. 7, 700 @ 63', 650 @ 84'. um grey: laminated to graded; one cross bed. nor wacke and argillith bedding contacts shared tops. Bedding to core with thin bedded zones; most thick beds are queryen, parallel laminated. 37', 650 @ 146', 730 @ 146ke (10%); medium to laminated to argillithe as graded to argillithe as graded to | thin bedded, one medium thin bedded, one medium te; medium, some dark and rp, generally flat, some e 610 @ 1097, 580 @ 1127, medium grey (rarely light ; bedding contacts sharp artzitic wacke (a few are . 1497, 690 @ 1547, light grey; fine to very ops and in medium to thin | | | | |
| to | 119.5 (36.4) 162 (49.4) | of 3 m thic quartzitic to Bedding to comments of Subwacke, as wacke bed; (Bedding to comments of Subwacke, as wacke bedding to comments of Subwacke, as wacke (50% or dark); bedding to colcareous) Bedding to colcareous) Bedding to colcareous of Subwacke, as was subwacked (50% of Subwacked). | ck bed at 72', this to wacke is moderately calcome 66° 8 44', 70° 8 49 rgillite and wacker medicontacts flat and sharp; core 66° 8 95'. wacke, calcareous, migrays very fine grained; generally massive, grade 1), subwacke, argillite hick and medium bedded throughout; bases of 120', 71° 8 1 70° 8 159'. ite (60%), quartzitic wad; wacke, subwacke and | hick bed may be amalgam areous. 7, 700 @ 63', 650 @ 84'. um grey; laminated to graded; one cross bed. nor wacke and argillit bedding contacts shared tops. Bedding to core; and tops. Bedding to core; thick beds are question, parallel laminated. 37', 650 @ 146', 730 @ 1 icke (10%); medium to it argillite as graded to 4 feet thick; medium | thin bedded, one medium te; medium, some dark and rp, generally flat, some e 510 g 109', 580 g 112'. medium grey (rarely light ; bedding contacts sharp artzitic wacke (a few are . 149', 690 g 154', light grey; fine to very ops and in medium to thin m grey; bedding contacts | | | | |
| to | 119.5 (36.4) 162 (49.4) | of 3 m thic quartzitic is Bedding to 6 Subwacke, as wacke bed; 6 Bedding to 6 Bedding to 6 Bedding to 6 Guartzitic some light; wavy; beds; Wacke (50%; or dark); thand flat calcareous) Bedding to 6 70° 8 154', Guartz aren; fine graine; bedded (rar; sharp and bedded to 6 Bedding to 70° 8 154', | ck bed at 72', this to wacke is moderately calcover 66° 8 44', 70° 8 49 rgillite and wacke; medicontacts flat and sharp; core 66° 8 95'. wacke, calcareous, migray; very fine grained; generally massive, grade throughout; bases of 1; some wacke zones are accore 65° 8 120', 71° 8 1 70° 8 159'. ite (60%), quartritic wad wacke, subwacke and sly leminated zones upusually flat (a few are and leminated participms. | hick bed may be amalgam areous. 1, 700 @ 63', 650 @ 84'. um grey; laminated to graded; one cross bed. nor wacke and argillith bedding contacts where the contacts with this bedding to core with this bedding to core with this bedded zones; most thick beds are queren, parallel laminated. 37', 650 @ 146', 730 @ 1 icke (10%); medium to 1 argillith as graded to to 4 feet thick; medium to wavy or irregular); Bedding to core 700 @ 1 | thin bedded, one medium te; medium, some derk and rp, generally flat, some e 610 \$ 109', 580 \$ 112'. medium grey (rarely light ; bedding contacts sharp artizitic wacke (a few are 149', 690 \$ 154', light grey; fine to very ops and in medium to thin m grey; bedding contacts most beds massive, a few | | | | |

| Property MAT 71 (Su | llivan) District | Western | Hole No. 6459 | Page 2 | | | |
|----------------------------------|---|---|--|--|-----|--------------|----------|
| Commenced | Location | Me2 CELII | Tests at | Hor, Comp. | | | Į |
| Completed | Core Size | - , - · · · · - · · · · · · · · · · · · | Corr. Dip | Vert. Comp. | | | 1 |
| Co-ordinates | | | True Brg. | Logged by | | | Q Q |
| Objective | | | % Recov. | Date | E | ġ | |
| | | | | | | T 870. | Selle |
| Footage (meters) Desc From To | ription | | | | Ani | alysis | т- |
| to 295 (89.9) | shorp and generally beds; quartz arenite grained; AB and B tu | <pre>flat (some wav) (40%), wacke (rbidites; bedd;</pre> | /); 292 to 295 has sev (10%), medium grey, fine | led to laminated, contacts eral thin cross-laminated grained, two beds medium erally flat (some wavy). | | | |
| to 331 (100,9) | bed medium) grained | ; bedding cont | acts sharp, generally | thick bedded; fine (one flat; most beds massive, dding to core 75° @ 302', | | | - |
| to 343 (104.6) | | flat; thin | | ke; medium grey; bedding ew medium and thick beds; | | | + |
| to 362 (110.4) | bedding contacts sh thin bedded to lomin and flat, laminati | arp and flat; ated and graded ons even and | beds massive. Argillit tops of some thick | ck bedded; fine grained; e and wacke; medium grey; beds; bed contacts sharp ross laminations; bedding | | | - |
| to 393 (119.8) | medium grey; thick | bedded; bed co ne BD turbidit | ntacts sharp and flat; e; four beds have c | subwacke/argillite (20%); beds massive with graded alcareous zones; bedding | | | + |
| to 414 (126.2) | (poorly sorted) base | m and graded to | | k bedded with some softer ally sharp and flat (one # 398', 74° # 407', | | + | + |
| | | | | | | <u>+</u> | <u> </u> |
| Drill Hole Reco | rd | | | Cominco Page 3 | | | |

| Drill Hole Reco | i u | | Cominco Page 3 | | | |
|---------------------------------------|--|--|---|---------------|---------|---------|
| Property MAT 71 (Sul | livan) District Western | Hole No. 6459 | | | 1 | 1 |
| Commenced | Location | Tests at | Hor. Comp. | | | 1 |
| Completed | Core Size | Corr. Dip | Vert. Comp. | | | |
| Co-ordinates | | True Brg. | Logged by | | 1. | 8 |
| Objective | | % Recov. | Date | | ě | 3 |
| · · · · · · · · · · · · · · · · · · · | | | | - G An | alysis | |
| Footage Descr | plion | | | | | 工 |
| to 452.5 (138.0) | Wacke, subwacke and argillite (| (75%); medium grey; thi | n bedded to laminated; be | a _ | | \perp |
| | contacts sharp and flat, and lami | nations even parallel. | Quartz arenite and quartz | itio | | ᆚ |
| İ | wacke (25%); medium to light medi sharp and flat (2 wavy); bedding | to core 70° # 420', 70° | # 448'. | • | | |
| ļ | | | | _ 'L | 丄 | 1 |
| to 475 (144.8) | Quartz arenite, medium to light graded tops; bed contacts sharp a | medium grey; Tine grand flat where observed. | Core condition deteriora | tes | \perp | \perp |
| } | to badly broken over the interval | | | L | 1 | 1 |
| to 502 (153.0) | Fault zone. Fault rock cohesive | 475 - 485 and 493 - | 502: schistose 475 - 465 | . [| \perp | |
| 60 302 (133.0) | 492.5 - 494 and 500 - 501.6: b | adly broken QW/QA 485 - | 493; crush zone 494 - 500 |). I | T | T |
| | Schist is greenish grey, very sof to schistosity; gouge noted; schi | it (like argillite), min | or calcium carbonata paral O to 600 to corm. | 1-1 | \Box | Т |
| Ì | | | | . [| \top | T |
| to 580 (176.8) | Wacke, subwacke and argillite (7 bedded; bed contacts sharp and f | 'Ox); medium grey; medium | a, thick (& one very thick and quartz arenite (30%) | · | \top | 7 |
| | medium to light medium grey; fi | ine (few medium) grain | ed; bed contacts sharp an | id [| _ | T |
| 1 . | flat (one wavy, one with flames); 750 @ 503', 750 @ 504', 700 @ 50 | ; beds massive, few with | rip-ups; bedding to cor 25. 749 # 5231, 709 # 5431 | • | \top | 十 |
| | 679 # 544', 749 # 554', 729 # 562 | 2', 80° 8 574', 75° 8 57 | 8'. | | \top | 1 |
| 1 | Proportion of quartzitic rocks in 3 feet is mostly argillite. Th | creases downward, in th | is interval although lowes intervals of even paralls | . – | 丁 | T |
| | laminated wacke. | , die die deverter merion | processes of activities and activities activities and activities activities and activities activities and activities | · | \top | \top |
| 1.1 | Quartz arenite, minor quartzitic | uncks and avgill | ite. light medium to mediu | - | Τ | \top |
| to 597.5 (182.2) | grave fine graineds thick and B | medium bedded; beds gene | rally massive, bed contact | :# [| 1 | 十 |
| Ī | generally sharp and flat (some wa | ivy or irregular); some | thin and very thin beds | ,, <u> </u> - | 十 | ナ |
| | bedding to core 75° € 597'. | | | _ ⊢ | ┯ | - |
| | • | | | . , | ł | |

| Drill Hole Red Property MAT 71 (S | | Hole No. 6459 | Cominoo Page 4 | | | |
|--|--|--|---|----------|---------------|-----------|
| Commenced | Location | Tests at | Hor. Comp. | _ | | |
| Completed | Core Size | Corr. Dip | Vert. Comp. | _ | . | |
| Co-ordinates | | True Brg. | Logged by | _ | ١. | 흅 |
| Objective | | % Recov. | Date | Clair | 1 Brg. | Sollar |
| Footage Dat | cription | | <u> </u> | | iyels | |
| rom To | | | | | Ť | \perp |
| to 610 (186.0) Cont'd. | portion; contacts sharp and fl (very fine, faint, closely spa cleavage; bedding to core 730 | ced laminite); pyrrhotite fl | | | - | + |
| to 642 (195.7) | Quarte granite BOV | | | - | ╁ | + |
| 10 642 (195.77 | Quartz arenite 80%; argillite a few medium wacke beds; light | medium grey; fine grained; | thick bedded; beds generally | - | - | ┿ |
| | massive, grading near the to sharp and flat; bedding to cor | | | - | 十 | + |
| | From 635 to 642' beds are qua | | | | +- | ╁╴ |
| | fine grained; medium bedded. | | • | - | + | ╁ |
| to 652.5 (198.9 | Argillite and wacke; medium to | | | } | ╁ | + |
| | sharp and wavy; cross last: parallel laminated in upper pa | | | | + | + |
| | to core 70° # 642'. | | ornard acove per, peopling | | ╁ | ╁ |
| to 680.5 (207.5 |) Quartz arenite; light medium g | rey: fine grained; massive b | peda: bed contacts generally | <u> </u> | +- | + |
| | shorp and flat; some beds have | poorly sorted bases; int | tervals less than 35 cm | | + | +- |
| | of argillite/subwacks of very bedding to core 78° 9 665'. | thin to lawingted beds, | one set or cross laminde; | · | 十 | +- |
| to 705 (214.9) | Wacke (50%), argillite-subwack | a (30%) quarty arenite (| (20k): medium orași fina | | † | \top |
| (0)03 (214.)) | grained; medium and thick be | dded (W & QW), thin bedded | to laminated (A/SW); some | | † | \dagger |
| t | faint laminae in thick wacke; | flecks of pyrrhotite in c | cleavage: bedding to core | | T | \top |
| • | 69° 9 686', 73° 9 697'. | | | | | |
| | 690 9 686', 730 9 697'. | - . | | | | |
| to 724 (220.7) | 69° 8 686', 73° 8 697'. Quartz arenite, light medium as bed contacts sharp and general. | | | | | |
| to 724 (220.7) | Quartz arenite; light medium as | ly flat, some wavy, flam | es noted; beds massive; | | | |
| to 724 (220.7) | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be Wacke, subwacke and argillite | ly flat, some wavy, flam adding to core 76° # 714', 7 (80%), quartzitic wacke a | nes noted; beds massive; 70° € 721'. | | | |
| | Quartz arenite; light medium and bed contacts sharp and general bases of some poorly sorted; be | ly flat, some wavy, flam adding to core 76° # 714', 7 (80%), quartzitic wacke a | nes noted; beds massive; 70° € 721'. | | | |
| | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be Wacke, subwacke and argillite | ly flat, some wavy, flam adding to core 76° # 714', 7 (80%), quartzitic wacke a | nes noted; beds massive; 70° € 721'. | | | |
| | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be Wacke, subwacke and argillite medium grey (some dark); a few | ly flat, some wavy, flam adding to core 76° # 714', 7 (80%), quartzitic wacke a | nes noted; beds massive; 70° € 721'. | | - - - | |
| to 745 (227.1) | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be Wacke, subwacke and argillite medium grey (some dark); a few | ly flat, some wavy, flam adding to core 76° # 714', 7 (80%), quartzitic wacke a | nes noted; beds massive; 700 @ 721'. and quartz arenite (20%); is thin to very thin | | | |
| to 745 (227.1) Drill Hole Rec | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be Wacke, subwacke and argillite medium grey (some dark); a few | ly flat, some wavy, flam adding to core 76° # 714', 7 (80%), quartzitic wacke a | nes noted; beds massive; 700 @ 721'. and quartz arenite (20%); is thin to very thin | | | |
| to 745 (227.1) Drill Hole Rec | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be Wacke, subwacke and argillite medium grey (some dark); a few | ly flat, some wavy, flam adding to core 76° 8 714', 7 (80k), quartzitic wacke a beds fine grained; most bed | nes noted; beds massive; 700 @ 721'. and quartz arenite (20%); is thin to very thin | | | |
| to 745 (227.1) Drill Hole Rec | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few Ord (Sullivan) District Western | ly flat, some wavy, flam adding to core 760 # 714', 7 (80k), quartzitic wacke a beds fine grained; most bed Hole No. 6459 | coming Page 5 | | | |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few Ord (Sullivan) District Western Location | ly flat, some wavy, flam edding to core 760 # 714', 7 (80%), quartzitic wacke a beds fine grained; most bed Hole No. 6459 Tests at | comings Page 5 Hor. Comp. | | | diQ . |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced Completed | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few Ord (Sullivan) District Western Location | ly flat, some wavy, flam adding to core 760 # 714', 7 (80%), quartzitic wacke a beds fine grained; most bed Hole No. 6459 Tests at Corr. Dip | Comming Page 5 Hor. Comp. | u | Brg. | |
| Drill Hole Rec Property MAT 71 Commenced Completed Co-ordinates Objective | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few ord Ord (Sullivan) District Western Location Core Size | ly flat, some wavy, flam edding to core 760 # 714', 7 (80k), quartzitic wacke a beds fine grained; most bed Hole No. 6459 Tests at Corr. Dip True Brg. | Gominos Page 5 Hor. Comp. Logged by | | t Brg. | Coller |
| Drill Hole Rec Property MAT 71 Commenced Completed Co-ordinates Objective | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few Ord (Sullivan) District Western Location | ly flat, some wavy, flam edding to core 760 # 714', 7 (80k), quartzitic wacke a beds fine grained; most bed Hole No. 6459 Tests at Corr. Dip True Brg. | Gominos Page 5 Hor. Comp. Logged by | | | Soller |
| Drill Hole Rec Property MAT 71 Commenced Completed Co-ordinates Objective | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few order (Sullivan) District Western Location Core Size | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. | Comming Page 5 Hor. Comp. Vert. Comp. Logged by Date | | | Soller |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced Completed Co-ordinates Objective Footage Des | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few ord Ord (Sullivan) District Western Location Core Size | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. | Comming Page 5 Hor. Comp. Vert. Comp. Logged by Date | | | Soller |
| Drill Hole Rec Property MAT 71 Commenced Completed Co-ordinates Objective Feotage Des | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few ordered of the medium grey (some dark); a few ordered of the medium grey (some dark); a few ordered of the medium grey (some dark); a few ordered | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. | Gominos Page 5 Hor. Comp. Vert Comp. Logged by Date are sharp and flat (one 729', 76° 8 737'. | | | Coller |
| Drill Hole Rec Property MAT 71 Commenced Completed Co-ordinates Objective From To to 745 (227.1) Cont'd. | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few ordered (Sullivan) District Western Location Core Size cription bedded, arenaceous beds are medium dark & med. light); fine | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. | Gominos Page 5 Hor. Comp. Vert. Comp. Logged by Date are sharp and flat (one 729', 76° 8 737'. (20%); medium grey (some rocks and some wackes | | | Coller |
| Drill Hole Rec Property MAT 71 Commenced Completed Co-ordinates Objective From To to 745 (227.1) Cont'd. | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few ordered of the medium grey (some dark); a few ordered of the medium contact was a few ordered of the medium contact was a few ordered of the medium dark & med. light); fine are thick bedded, soat of the subwackes are thin bedded, a few ordered or the medium dark & med. a few ordered or the medium dark & med. a few ordered or the medium dark & med. a few ordered or the medium dark & med. a few ordered or the medium dark & med. a few ordered or the medium dark & med. a few ordered or the medium dark & med. a few ordered or the medium dark & med. a few ordered or the medium dark & med. a few ordered or the medium dark & mediu | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. dium bedded; bed contacts a massive; bedding to 79° 8° 80°C), subwacke and argillite are massive; some areness we wackes, subwackes and as | Gominos Page 5 Hor. Comp. Logged by Date are sharp and flat (one 729', 76° 8 737'. (20%); medium grey (some rocks and some wackes accous rocks, wackes and rgillites are laminated; | | | Coller |
| Drill Hole Rec Property MAT 71 Commenced Completed Co-ordinates Objective From To to 745 (227.1) Cont'd. | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium gray (some dark); a few consider the medium consider the medium consider the medium dark for medium dark for medium dark for medium dark for medium consider the medium consideration cons | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. dium bedded; bed contacts a massive; bedding to 790 8: e grained; the arenaceous are massive; some arenaceus | Gominos Page 5 Hor. Comp. Vert Comp. Logged by Date are sharp and flat (one 729', 76° 8 737'. (20%); medium grey (some rocks and some wackes accous rocks, wackes and rgillites are laminated; avy or irregular; bedding | | | Coller |
| Drill Hole Rec Property MAT 71 Commenced Completed Co-ordinates Objective From To to 745 (227.1) Cont'd. | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; but wacke, subwacke and argillite medium grey (some dark); a few of the medium grey (some dark); a few of the medium grey (some dark); a few of the medium dark & med. light); fine are thick bedded, most of the subwackes are thin bedded, a fe bed contacts are sharp and to core 70° 8 765', 77° 8 782', Quartz arenite (80%), wacke and | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. Odium bedded; bed contacts a grained; the arenaceous are are massive; some are now wackes, subwackes and are usually flat, a few are we 66° \$ 802′, a argillite (20%), mostly | Gominos Page 5 Hor. Comp. Logged by Date are sharp and flat (one 729', 76° 8 737'. (20%); medium gray (some rocks and some wackes accous rocks, wackes and rgillites are laminated; avy or irregular; bedding as bad tops, very weakly | | | Coller |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced Co-ordinates Objective From To to 745 (227.1) Cont'd. to 802 (244.5) | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium gray (some dark); a few consider the medium consider the medium consider the medium dark for medium dark for medium dark for medium dark for medium consider the medium consideration cons | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. dium bedded; bed contacts assaive; bedding to 79° 8° 80°X), subwacke and argilite are acceuse are massive; above are acceuse are massive; bedding to 79° 8° 8° 8° 8° 8° 8° 8° 8° 8° 8° 8° 8° 8° | Gominos Page 5 Hor. Comp. Vert Comp. Logged by Date are sharp and flat (one 729', 760 8 737'. (20%); medium grey (some rocks and some wackes accous rocks, wackes and rgillites are laminated; avy or irregular; bedding as bed tops, very weakly); fine and medium grained; | | | Coller |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced Co-ordinates Objective From To to 745 (227.1) Cont'd. to 802 (244.5) | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few consider the medium dark arenite (some dark); a few consider the medium dark arenite (some dark); fine are thick bedded, most of the subwackes are thin bedded, a few bed contects are sharp and to core 70° 8 765', 77° 8 782', guartz arenite (some medium dark arenite (some medium dark arenite (some medium dark); a few bedded; bedde generally medical careous (hand lens needed to thick bedded; beds generally medium grey core 71° 8 824'. | Hole No. 6459 Tests at Corr. Dip True Brg. **Recov.** **Recov | Gominos Page 5 Hor. Comp. Vert. Comp. Logged by Date are sharp and flat (one 729', 76° 8 737'. (20%); medium gray (some rocks and some wackes accous rocks, wackes and rgillites are laminated; avy or irregular; bedding as bed tops, very weakly); fine and medium grained; p and flat; bedding to | | | Coller |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced Co-ordinates Objective Footage Des From To to 745 (227.1) Cont'd. to 802 (244.5) | Quartz arenite; light medium and bed contacts sharp and generally bases of some poorly sorted; by wacke, subwacke and argillite medium gray (some dark); a few consider that we want to core Size cription District Western Location Core Size Core Size cription bedded, arenaceous beds are medium dark & med. light); fine are thick bedded, most of the subwackes are thin bedded, a few bed contacts are sharp and to core 70° 8 765′, 77° 8 782′, Quartz arenite (80%), wacke and calcareous (hand lens needed to thick bedded; beds generally mediate the state of the subwackes are thin bedded; wacked are think bedded; beds generally mediate core 71° 8 824′. Quartz arenite (50%), wacked are light) grays the quartz of the dark, light) grays the quartz of the dark, light) grays the quartz of the subwacked are light) grays the quartz of the dark, light) grays the quartz of the subwacked are light are l | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. dium bedded; bed contacts assaive; bedding to 790 8 700), subwacke and argillite are massive; assaive; bedding to 790 8 100), subwacke and argillite (20%), subwackes and as usually flat, a few are widened and argillite (20%), subwackes and as usually flat, a few are widened argillite (20%), subwackes and as usually flat, a few are widened argillite (20%), subwackes and as usually flat, a few are widened argillite (20%), subwackes and as usually flat, a few are widened argillite (20%), subwackes and argillite (30%), subwackes and argillite is fine grained or | Gominos Page 5 Hor. Comp. Vert Comp. Logged by Date are sharp and flat (one 729', 760 % 737'. (20%); medium gray (some rocks and some wackes accous rocks, wackes and rgillites are laminated; avy or irregular; bedding as bed tops, very weakly); fine and medium grained; p and flat; bedding to | | | Coller |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced Co-ordinates Objective Footage Des From To to 745 (227.1) Cont'd. to 802 (244.5) | Quartz arenite; light medium and bed contacts sharp and general bases of some poorly sorted; bed wacke, subwacke and argillite medium grey (some dark); a few of the subwackes are thin bedded, a few of the medium dark & med, light); fine are thick bedded, most of the medium dark & med, light); fine are thick bedded, most of the medium dark & med, light); fine are thick bedded; most of the medium dark & med, light); grey; the quartz arenite (80%), wacke and calcareous (hand lens needed to thick bedded; beds generally medium better the medium better the medium of the cases medium better 10 feet overall; contacts and in a few cases medium better 10 feet overall; contacts | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. dium bedded; bed contacts as are massive; bedding to 79° 8° 80° 80° 80° 80° 80° 80° 80° 80° 80° | Gominos Page 5 Hor. Comp. Vert. Comp. Logged by Date are sharp and flat (one 729', 76° 8 737'. (20%); medium gray (some rocks and some wackes accous rocks, wackes and rgillites are laminated; avy or irregular; bedding as bed tops, very weakly); fine and medium grained; p and flat; bedding to llite (20%); medium (acms very fine grained; thick in small groupings less lat. a few have wavy or | | | Coller |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced Co-ordinates Objective Footage Des From To to 745 (227.1) Cont'd. to 802 (244.5) | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few localism Core Size Core Size Cription District Western Localism Core Size Core Size cription District Western Localism Core Size Core Size Core Size Core Size Core Tipiton District Western Localism Core Size Core Size Core Size Core Tipiton District Western Localism Core Size | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. dium bedded; bed contacts assaive; bedding to 790 8 700 8 | des noted; beds massive; 200 € 721'. Ind quartz arenite (20%); is thin to very thin Commings | | | Coller |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced Co-ordinates Objective Footage Des From To to 745 (227.1) Cont'd. to 802 (244.5) | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few of contacts of the medium grey (some dark); a few of contacts of the medium dark & med. light); fine are thick bedded, most of the subwackes are thin bedded, a fee bed contacts are sharp and to core 70° 8 765', 77° 8 782', Quartz arenite (80%), wacke and calcareous (hand lens needed to thick bedded; beds generally me core 71° 8 824'. Quartz arenite (50%), wacke dark, light) grey; the quartz and in a few cases medium be than 10 feet overall; contacts flome bases; some rip-up covered and in the core over alleging to wacke over a severe and and the core severed a | Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. dium bedded; bed contacts massive; bedding to 79° 8. see are massive; some aren we wackes, subwackes and at usually flat, a few are we defervescence with HCl lasive; bed contacts shar; (30%), subwacke and argilite (20%), mostly be are fervescence with HCl lasive; bed contacts shar; (30%), subwacke and argilite (20%), mostly be are fervescence with HCl lasive; bed contacts shar; (30%), subwacke and argilite (20%), mostly bed contacts shar; (30%), subwacke and argilite (30%), mostly bed contacts shar; (30%), subwacke and argilite (30%), mostly bed contacts shar; (30%), subwacke and argilite is fine grained or are sharp and generally flats observed; the beds a beck types are sedium to thirel feet (829.5 - 832) or | Gominos Page 5 Hor. Comp. Vert Comp. Logged by Date are sharp and flat (one 729', 760 8 737'. (20%); medium grey (some rocks and some wackes accous rocks, wackes and rgillites are laminated; avy or irregular; bedding as bed tops, very weakly); fine and medium grained; p and flat; bedding to llite (20%); medium (aome very fine grained; thick in small groupings less lat, a few have wavy or re meassive; some intervals alternating with measive | | | Coller |
| to 745 (227.1) Drill Hole Rec Property MAT 71 Commenced Co-ordinates Objective Footage Des From To to 745 (227.1) Cont'd. to 802 (244.5) | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few localism grey (some dark); a few localism loc | Hole No. 6459 Tests at Corr. Dip True Brg. **Recov.* **All are an argilite are are assaive; bed are ansaive; and argilite are are assaive; bed are are assaive; and argilite (20%), mostly are effervescence with HCl assive; bed contacts shar; (30%), subwacke and argilite (20%), subwacke and argilite (30%), subwacke and argilite are after are sequiped the beds are sharp and generally isolated or are sharp and generally flasts observed; the beds are are sharp & flats bedd | des noted; beds massive; 200 € 721'. Ind quartz arenite (20%); is thin to very thin Comp. Gominos Page 5 | | | Solie |
| Drill Hole Recommenced Commenced Co-ordinates Objective To 745 (227.1) Cont 70 to 802 (244.5) to 826 (251.8) | Quartz arenite; light medium as bed contacts sharp and general bases of some poorly sorted; be wacke, subwacke and argillite medium grey (some dark); a few of contacts of the medium grey (some dark); a few of contacts of the medium dark & med. light); fine are thick bedded, most of the subwackes are thin bedded, a fee bed contacts are sharp and to core 70° 8 765', 77° 8 782', Quartz arenite (80%), wacke and calcareous (hand lens needed to thick bedded; beds generally me core 71° 8 824'. Quartz arenite (50%), wacke dark, light) grey; the quartz and in a few cases medium be than 10 feet overall; contacts flome bases; some rip-up covered and in the core over alleging to wacke over a severe and and the core severed a | Hole No. 6459 Tests at Corr. Dip True Brg. **Recov.* **Recov.* **Analysis of the arenaceous are massive; bedding to 79° 8° 80° 80° 80° 80° 80° 80° 80° 80° 80° | des noted; beds massive; 200 € 721'. Ind quartz arenite (20%); is thin to very thin Comp. Gominos Page 5 | | | S |

Quartz arenits; very weakly calcareous; medium grey; fine grained; thick and very thick bedded; bed contacts sharp and generally flat (one way), two slightly irregular); most beds massive; 50 cm argillite interval at 934' is very thin bedded with internal cross laminae; slight sericitic alteration in many of the beds; bedding to core 65° 8 942'.

to 947.5 (288.9)

| Property MAT 71 (S | Sullivan) District | Western | Hole No. | 6459 | •• | | | | |
|--------------------|--|----------------|------------------|---------------|-----------------|-------------|---------------|----------|--------|
| Commenced | Location | | Testa at | | Hor. Comp. | | İ | | 1 |
| Completed | Core Size | | Corr, Dip | | Vert. Comp. | | ┪ | | 1 |
| Co-ordinates | | | True Brg. | | Logged by | | 7 | | 8 |
| Objective | | | % Recov. | | Date | | JE | Ba | Collec |
| | | | <u> </u> | | | | _ | | 3 |
| From To Descr | ription | | | | | | Ana | lysis | Τ |
| to 989.5 (301.7) | Quartz premite and q | uartzitic wac | ke (40%), wacke | (40%), argil | lite (20%): the | quartzitic | \top | 1 | T |
| | beds are thick and | very thick | and all the ar | gillite and | some wecke form | graded | | 1 | t |
| | tops to these beds; sharp and flat (One | wavy); wacke | e is medium, th | in, very thin | and laminated | medium | | \top | T |
| | dark grey; bed contained to core 650 | cts and lamine | stions sharp and | d generally f | lat (a few are | irregular); | | \top | T |
| | | | | | | | | \Box | T |
| to 1004 (306.1) | Quartz arenite; med. bedded; massive; bed | ium grey; fine | grained; thic | k, one very t | hick, and a few | medium | | Γ | Τ |
| [| | • | | | • | | | \Box | Т |
| to 1032 (314.6) | Wacke (60%), argill: to medium dark grey; | ite (20%), qu | partz arenite | and quartziti | 0 Wacks (20%); | medium | | Τ | Т |
| | and generally flat, | a few are wayy | y; some wacke i: | ntervals cont | inuously even p | paraliel | | | Τ |
| | leminated; a few cro | osa laminam b | pelow 1024'; be | edding to co | re 73º 0 1025 | ; 80° a | | | Т |
| | , | | | | | | | \Box | Τ |
| to 1046.5 (319.1) | Quartz arenite; light contacts sharp and f: | | | | | led; bed | | | Τ |
| | • | | | | | | | \Box | Τ |
| to 1055 (321.6) | Wacke, minor subwar | | | | | d; beds | | 匚 | |
| to 1082 (329.9) | Quartz wacks (70%), | wacke. subwack | se and argillite | (30%): madi | us crevi fine o | vainadi | <u> </u> | ـــــ | Ļ |
| 1. | quartz wacke beds as | re massive, o | other parts of 1 | peds or separ | ate beds displa | y faint | \vdash | ╄- | ╀ |
| | # 1058', 80° # 1077'. | | orp and flat; | bedding to | core 68º • 105 | 86', 700 | \vdash | ╀╌ | ╀ |
| to 1086.5 (331.3) | Wacke (50%), argill | lite and sub | wacker dark : | edium grave | thin, ware thin | hadded | | ╫ | ╁ |
| | and laminated, near o | continuously . | ven flat paral: | lel laminated | wacke 1082 - | 1084.5; | - | +- | + |
| } | intense cleavage dev | veloped in th | oin argillite 1 | eds at base | ; bedding to c | ore 75° | \vdash | + | + |
| } | 2 1004 . | | | | | | \vdash | ┰ | ⊬ |

| Property MAT 71 (Sullivan) District Western Hole No. 6459 Commenced Location Tests at Hor. Comp. Completed Core Size Corr. Dip Vert. Comp. Co-ordinates True Brg. Logged by Description Footage Description To 1106.5 (337.3) Quartz arenite and quartzitic wacke (70%); tops and interpeds graded from wacke through subwacke to argillite; light medium grey; medium to thick beds; interbeds thin, very thin and laminated; bedding contacts sharp and flat; minor cross laminae developed in some of the thin interbeds; bedding to core 73° 2 1097'. to 1111.5 (338.9) Wacke, subwacke and argillite; medium to dark medium grey; thin to very thin bedded and laminated; bed contacts sharp and flat (some modified by shearing); most beds massive, some grading, possible internal lamination in one may be result of shearing; bedding to core 670 e 1107'. to 1119.5 (341.3) Wacke (50%), quartzitic wacke (30%), subwacke/argillite (20%); medium grey and light medium grey; medium bedded (one thick QW), and a few thin to very thin beds and laminae in cluster; bedding contacts sharp and flat; sub-rectangular sheped calcareous phenocrysts(7) noted in subwacke; bedding to core 72° e 1115'. to 1164 (354.9) Quartz arenite and quartzitic wacke (60%), wacke (20%), subwacke and argillite (20%); light medium to medium grey; predominently thick bedded with clusters of medium and thin beds (usually wacke or more argillaceous); most beds have top | Commenced Completed Core Size Corr. Dip Verl. Comp. Co-ordinates True Brg. Logged by Description From 1e to 1106.5 (337.3) Quartz arenite and quartzitic wacke (70%); tops and interbeds graded from wacke through subwacke to argillite; light medium grey; medium to thick beds; interbeds thin, very thin and laminated; bedding contects sharp and flat; minor cross laminae developed in some of the thin interbeds; bedding to core 73° % 1097'. to 1111.5 (338.9) Wacke, subwacke and argillite; medium to dark medium grey; thin to very thin bedded and laminated; bed contacts sharp and flat (some modified by shearing); most beds massive, some grading, possible internal lamination in one may be result of shearing; bedding to core 67° % 1107'. to 1119.5 (341.3) Wacke (50%), quartzitic wacke (30%), subwacke/argillite (20%); medium grey and light medium grey; medium bedded (one thick GW), and a few thin to very thin beds and laminae in cluster; bedding contects sharp and flat; sub-rectangular shaped calcareous phenocrysts(7) noted in subwacke; bedding to core 72° % 1155'. to 1164 (354.9) Guartz arenite and quartzitic wacke (60%), wacke (20%), subwacke and argillite (20%); light medium to medium grey; predominantly thick bedded with clusters of | | rill Hole Reco | | | Cominco Page 7 | | | |
|--|--|------|---|-----------------------------|-----------|----------------|----------|--------|----------------|
| Completed Core Size Corr. Dip Vert. Comp. Co-ordinates True Brg. Logged by Objective % Recov. Date From 10: to 1106.5 (337.3) Quartz arenite and quartzitic wacke (70%); tops and interpeds graded from wacke through subwacke to argillite; light medium grey; medium to thick beds; interbeds thin, very thin and laminated; bedding contects sharp and flat; minor cross laminase developed in some of the thin interbeds; bedding to core 73° \$1097'. to 1111.5 (338.9) Wacke, subwacke and argillite; medium to dark medium grey; thin to very thin bedded and laminated; bedding to core 80° \$1007'. to 1119.5 (341.3) Wacke (50%), quartzitic wacke (30%), subwacke/argillite (20%); medium grey and light medium grey; medium bedded (one thick QW), and a few thin to very thin beds and laminae in cluster; bedding contects sharp and flat; sub-rectangular shaped calcareous phenocrysts(7) noted in subwacke; bedding to core 72° \$1115'. to 1164 (354.9) Quartz arenite and quartzitic wacke (60%), wacke (20%), subwacke and argillite (20%); light medium grey; predominently thick bedded with clusters of | Completed Core Size Corr. Dip Verl. Comp. Co-ordinates True Brg. Logged by Description To 1106.5 (337.3) Quartz arenite and quartzitic wacke (70%); tops and interbeds graded from wacke through subwacke to argilite; light medium grey; medium to thick beds; interbeds thin, very thin and laminated; bedding contacts sharp and flat; minor cross laminate developed in some of the thin interbeds; bedding rooted for 1097. to 1111.5 (338.9) Wacke, subwacke and argilite; medium to dark medium grey; thin to very thin bedded and laminated; bed contacts sharp and flat (some modified by shearing); most beds massive, some grading, poseible internal lamination in one may be result of shearing; bedding to core 670 # 1107'. to 1119.5 (341.3) Wacke (50%), quartzitic wacke (30%), subwacke/argillite (20%); medium grey and light medium grey; medium bedded (one thick GW), and a few thin to very thin beds and laminae in cluster; bedding contacts sharp and flat; sub-rectangular shaped calcareous phenocrysts(7) noted in subwacke; bedding to core 720 # 1115'. to 1164 (354.9) Quartz arenite and quartzitic wacke (60%), wacke (20%), subwacke and argillite (20%); light medium to medium grey; predominantly thick bedded with clusters of medium and thin beds (usually wacke or more argillaceous); most beds have top portions graded to argillite; bed contacts sharp and flat (probably tectonically disturbed at 1168'); mica and possibly some pyrrhotite in subwacke to argillite graded tops | | | | | Hor, Comp. | | Ì | |
| Co-ordinates True Brg. Logged by Description Footage Trom To Description To 1106.5 (337.3) Quartz arenite and quartzitic wacke (70%); tops and interpeda graded from wacke through subwacke to argillite; light medium grey; medium to thick beds; interbeds thin, very thin and laminated; bedding contects sharp and flat; minor cross laminate developed in some of the thin interbeds; bedding to core 73° % 1097'. to 1111.5 (338.9) Wacke, subwacke and argillite; medium to dark medium grey; thin to very thin bedded and laminated; bed contacts sharp and flat (mone modified by shearing); most beds manasive, some grading, possible internal lamination in one may be result of shearing; bedding to core 67° % 1107'. to 1119.5 (341.3) Wacke (50%), quartzitic wacke (30%), subwacke/argillite (20%); medium grey and light medium grey; medium bedded (one thick QW), and a few thin to very thin beds and laminae in cluster; bedding contects sharp and flat; sub-rectangular shaped calcareous phenocrysts(?) noted in subwacke; bedding to core 72° % 1115'. to 1164 (354.9) Quartz arenite and quartzitic wacke (60%), wacke (20%), subwacke and argillite (20%); light medium grey; predominently thick bedded with clusters of | Co-ordinates Co-ordinates Co-or | - | | | | | | 1 | |
| Objective Solution Description Description | Objective Page Description Descriptio | - | | | True Brg. | Logged by | \neg | 1 | 용 |
| Foolige Description Tom 16: to 1106.5 (337.3) Quartz arenite and quartzitic wacke (70%); tops and interpeds graded from wacke through subwacke to argillite; light medium grey; medium to thick beds; interbeds thin, very thin and laminated; bedding contacts sharp and flat; minor cross laminate developed in some of the thin interbeds; bedding to core 73° \$\mathbb{B}\$ 1097'. to 1111.5 (338.9) Wacke, subwacke and argillite; medium to dark medium grey; thin to very thin bedded and laminated; bed contacts sharp and flat (some modified by shearing); most beds massive, some grading, possible internal lamination in one may be result of shearing; bedding to core 67° \$\mathbb{B}\$ 1107'. to 1119.5 (341.3) Wacke (50%), quartzitic wacke (30%), subwacke/argillite (20%); medium grey and light medium grey; medium bedded (one thick QW), and a few thin to very thin beds and laminate in cluster; bedding contacts sharp and flat; sub-rectangular shaped calcareous phenocrysts(7) noted in subwacke; bedding to core 72° \$\mathbb{B}\$ 1115'. to 1164 (354.9) Quartz arenite and quartzitic wacke (60%), wacke (20%), subwacke and argillite (20%); light medium to medium grey; predominently thick bedded with clusters of | To Description To To To To To To To To To To To To To T | - | | | | | E | è | 1 |
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| to 1106.5 (337.3) Quartz arenite and quartzitic wacke (70%); tops and interpeds graded from wacke through subwacke to argillite; light medium grey; medium to thick beds; interbeds thin, very thin and laminated; bedding contacts sharp and flat; minor cross laminate developed in some of the thin interbeds; bedding to core 73° # 1097'. to 111.5 (338.9) Wacke, subwacke and argillite; medium to dark medium grey; thin to very thin bedded and laminated; bed contacts sharp and flat (some modified by shearing); most beds massive, some grading, possible internal lamination in one may be result of shearing; bedding to core 67° # 1107'. to 1119.5 (341.3) Wacke (50%), quartzitic wacke (30%), subwacke/argillite (20%); medium grey and light medium grey; medium bedded (one thick QW), and a few thin to very thin beds and laminate in cluster; bedding contacts sharp and flat; sub-rectangular shaped calcareous phenocrysts(7) noted in subwacke; bedding to core 72° # 1115'. to 1164 (354.9) Quartz arenite and quartzitic wacke (60%), wacke (20%), subwacke and argillite (20%); light medium to medium grey; predominantly thick bedded with clusters of | to 1106.5 (337.3) Quartz arenite and quartzitic wacke (70%); tops and interbeds graded from wacke through subwacke to argillite; light medium grey; medium to thick beds; interbeds thin, very thin and laminated; bedding contects sharp and flat; minor cross laminate developed in some of the thin interbeds; bedding to core 73° 8 1097'. to 1111.5 (338.9) Wacke, subwacke and argillite; medium to derk medium grey; thin to very thin bedded and laminated; bed contacts sharp and flat (some modified by shearing); most beds massive, some grading, possible internal lamination in one may be result of shearing; bedding to core 67° 8 1107'. to 1119.5 (341.3) Wacke (50%), quartzitic wacke (30%), subwacke/argillite (20%); medium grey and light medium grey; medium bedded (one thick QW), and a few thin to very thin beds and laminae in cluster; bedding contacts sherp and flat; sub-rectangular shaped calcareous phenocrysts(7) noted in subwacke; bedding to core 72° 8 1115'. to 1164 (354.9) Quartz arenite and quartzitic wacke (60%), wacke (20%), subwacke and argillite (20%); light medium to medium grey; predominently thick bedded with clusters of medium and thin beds (usually wacke or sore argillaceous); most beds have top portions graded to argillite; bed contacts sharp and generally flat, some flame structures noted; bedding to core 78° 8 1131', 74° 8 1146', 75° 8 1160'. to 1171 (357.0) Wacke, subwacke and argillite; medium grey; medium and thin bedded with short laminated zones; bed contacts sharp and flat (probably tectonically disturbed at 1168'); sice and possibly some pyrrhotite in subwecke to argillite graded tops | | | ption | | | Ana | Llysis | _ |
| | portions graded to argillite; bed contacts sharp and generally flat, some flame structures noted; bedding to core 78° # 1131', 74° # 1146', 75° # 1160'. to 1171 (357.0) Wacke, subwacke and argillite; medium grey; medium and thin bedded with short leminated zones; bed contacts sharp and flat (probably tectonically disturbed at 1168'); mica and possibly some pyrrhotite in subwacke to argillite graded tops | | | thin, very thin and lawinst | | | <u> </u> | + | 1 - |

| ole Tour Flot Dipo | Drill Hole Reco | rd | | Cominoo Page 8 | | | | | |
|---------------------------------------|--|--|--|--|-----------|-------------|--------------|----------|--|
| · · · · · · · · · · · · · · · · · · · | Property MAT 71 (Sul | livan) District Western | Hole No. 6459 | | | | | | |
| | Commenced | Location | Tests at | Hor. Comp. | 4 | l | 1 | ı | 1 |
| М. | Completed | Core Size | Corr. Dip | Vert. Comp. | _ | - | | 1 | l |
| nd i | Co-ordinates | | True Brg. | Logged by | _ | 1. | 흅 | 1 | |
| /// | Objective | | % Recov. | Date | H | B | Sollar | 8 | ğ |
| | Footage Descri | otion | | | | l⊢ Iysis | Q. | Ψ. | ڌا |
| | rom Ya | | | | | | | | I |
| | to 1208 (368.3) | Wacke (70%), subwacke and argillate and subwacke is it laminae within a bed top. | | | | ŀ | | L | ŀ |
| | | | | | <u> </u> | _ | <u> </u> | ļ. | Ļ |
| | to 1220 (372.0) | Wacke (80%) plus subwacke and some medium beds; some beds and laminoe are sharp and flat; bedding to core 77° 9 1215'. | (or portions) are internal | ly laminated; bed contacts | | \vdash | | | - |
| | to 1226.5 (373.9) | Wacke, subwacke and argillit bedded with some very thin beds sharp and flat; two rip-up class | and laminations plus two | medium beday bed contacts | | | | | |
| | to 1287.5 (392.5) | Quartz arenite and quartziti as bed tops (15%); light mediu thin beds over 1 or 2 feet, bed | m grey; thick bedded wit | h clusters of medium and | F | | | | - |
| | | massive, rare internal laminae; @ 1262', 65° @ 1286'. | | | F | - | | F | F |
| | to 1303 (397.3) | Subvacke and argillite (85%), and thin bedded with laminated to core 75° 8 1292', 69° 8 1303 | intervals; bed contacts | | E | | | | F |
| | tp 1314 (400.6) | Single 3.1 meter true thickness ition; light grey; medium grain | | to quartz arenite compos- | | | | | - |
| | to 1335.7 (407.2) | Quartz arenite with lesser qu | artzitic wacke and wacke, | all with tops of wacks, | <u> </u> | ╄ | | ! | ┨_ |
| | | subwacke and argillite; medium beds massive; bed contacts shar | | | | ╀- | | ╙ | ╀ |
| | | ations in tops of some beds; be | | | - | ╀. | ┝ | _ | Ļ |
| H | ł | | | | \perp | ╄ | Ŀ | | 1 |
| 11 | J . | | | | 4 | | | 1 | + |
| 11 | L | | | | | <u></u> | <u></u> | _ | 211 |
| # • • • • | | | | | | <u></u> | <u></u> | | 211 |
| `]] • | Drill Hole Recor | | | Gominos Page 9 | | | | | **** |
| | Property MAT 71 (Sul) | ivan) District Western | Hole No. 6459 | | | | | | 211 |
| | Property MAT 71 (Sul) | ivan) District Western Location | Tests at | Hor. Comp. | | | | | m |
| | Property MAT 71 (Sull Commenced Completed | ivan) District Western | Tests at Corr. Dip | Hor. Comp. Vert. Comp. | | | 9 | | |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates | ivan) District Western Location | Tests at Corr. Dip True Brg. | Hor. Comp. Vert. Comp. Logged by | | 1 | r Dip | | |
| | Property MAT 71 (Sull Commenced Completed | ivan) District Western Location | Tests at Corr. Dip | Hor. Comp. Vert. Comp. | Claim | T Brg. | Coller Dip | Elev. | enoth |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective | Location Core Size | Tests at Corr. Dip True Brg. | Hor. Comp. Vert. Comp. Logged by | <u> ប</u> | slexi | | Elev. | Length |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates | Location Core Size | Tests at Corr. Dip True Brg. | Hor. Comp. Vert. Comp. Logged by | <u> ប</u> | T Bra | | Elev. | Length |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage From To : | Location Core Size | Tests at Corr. Dip True Brg. % Recov. two medium beds of quar minated; contacts flat and | Hor. Comp. Vert Comp. Logged by Date txitic wacke; medium grey; | <u> ប</u> | T Bra | | Elev. | Length |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Description To to 1341.5 (409.0) | District Western Location Core Size Dilon Subwacke and argillite with thin and very thin bedded to la | Tests at Corr. Dip True Brg. % Recov. two medium beds of quarminated; contacts flat and ding to core 80° € 1337'. | Hor. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage | <u> ប</u> | T Bra | | Elev. | # |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Description To to 1341.5 (409.0) | Location Core Size Subwacke and argillite with thin and very thin bedded to la and some minor tight folde; bed Quartzitic wacke and quartz both as graded bed tops and ind | Tests at Corr. Dip True Brg. % Recov. two medium beds of quarminated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suitvidual beds; medium grey; | Hor. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones | <u> ប</u> | T Bra | | Elev. | 1 |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Description To to 1341.5 (409.0) | Location Location Core Size Dilion Subwacke and argillite with thin and very thin bedded to la and some minor tight folds; bed Quartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contacts sharp | Tests at Corr. Dip True Brg. % Recov. two medium beds of quarminated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suividual beds; medium grey; thin beds; core is variably or distinct, usually flat | Her. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding | <u> ប</u> | T Bra | | Elev. | # P |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Description To to 1341.5 (409.0) | District Western Location Core Size District Western Location Core Size District Western Location Core Size District Western Subwacke and argillite with thin and very thin bedded to la and some minor tight folds; bed Quartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contacts sharp to core 73° \$ 1344′, 56° \$ 1362 | Tests at Corr. Dip True Brg. % Recov. two medium beds of quarminated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suividual beds; medium grey; thin beds; core is variably or distinct, usually flat | Her. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding | <u> ប</u> | T Bra | | Elev. | |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) | District Western Location Core Size Subwacke and argillite with thin and very thin bedded to la and some minor tight folde; bed Guartzitic wacke and quartz both as graded bed tops end ind up to two feet of medium to shattered; bed contects sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. | Tests at Corr. Dip True Brg. % Recov. two medium beds of quar minated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, sui ividual beds; medium grey; thin beds; core is variably or distinct, usually flat ', 68° € 1372', 43° € 1383 | Her. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding ,5', 21° (vague and irregular) | <u> ប</u> | T Bra | | Elev. | |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) | District Western Location Core Size Subwacke and argillite with thin and very thin bedded to la and some minor tight folds; bed Courtzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contects sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quargrey; massive; bedding to core | Tests at Corr. Dip True Brg. % Recov. two medium beds of quariminated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suividual beds; medium grey; thin beds; core is variably or distinct, usually flat ', 68° € 1372', 43° € 1383 large fold. From 1386' tritio wacke and minor wacke 12° € 1414'. | Her. Comp. Vert. Comp. Logged by Date txitic wacks; medium grey; sharp; low angle cleavage bwacks and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding ,5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium | <u> ប</u> | T Bra | | Elev. | The state of the s |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) | District Western Location Core Size Dition Subwacke and argillite with thin and very thin bedded to la and some minor tight folde; bed Quartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contects sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 - 1441.5' single bed; | Tests at Corr. Dip True Brg. % Recov. two medium beds of quar minated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, sui ividual beds; medium grey; thin beds; core is variably or distinct, usually flat ', 58° € 1372', 43° € 1383 large fold. From 1386' tzitic wacke and minor wacl 12° € 1414'. argillite and subwacke te | Hor. Comp. Vert Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding ,5', 210 (vague and irregular) - 1414' is predominantly ke of a single bed; medium o 1419', wacke to 1423', | <u> ប</u> | T Bra | | Elev. | #IOC# |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) | District Western Location Core Size Subwacke and argillite with thin and very thin bedded to la and some minor tight folds; bed Quartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contects sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 - 1441.5' single bed; quartzitic wacke to 1427', quar medium grey; massive; bedding t | Tests at Corr. Dip True Brg. % Recov. two medium beds of quariminated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suividual beds; medium grey; thin beds; core is variable or distinct, usually flat ', 68° € 1372', 43° € 1383 large fold. From 1386' tzitic wacke and minor wacl 12° € 1414'. argillite and subwacke ttz arenite to 1439.5', mix o core curves through 0° € | Her. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding ,5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium o 1419', wacke to 1423', ed W/OW and QA to 1441.5'; 1418', is 18° et 1441.5'. | <u> ប</u> | T Bra | | Elev. | fibre 1 |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) | Location Core Size District Western Location Core Size District Western Location Core Size District Western Location Core Size District Western Subwacke and argillite with thin and very thin bedded to la and some minor tight folde; bed used to be and ind up to two feet of medium to shattered; bed contacts sharp to core 73° # 1344', 56° # 1362 # 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 ~ 1441.5' single bed; quartzitic wacke to 1427', quar | Tests at Corr. Dip True Brg. % Recov. two medium beds of quar- minated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, sui- ividual beds; medium grey; thin beds; core is variably or distinct, usually flat ', 68° € 1372', 43° € 1383 large fold. From 1386' txitic wacke and minor wac- 12° € 1414'. argillite and subwacke to tx arenite to 1439.5', mix- o core curves through 0° € same bed (overturned); 1 | Her. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding .5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium o 1419', wacke to 1423', ed W/GW and QA to 1441.5', 1418', is 18° et 1441.5', ight medium grey; messive; | <u> ប</u> | T Bra | | Elev. | thoras I |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) | Location Core Size Core Size Dilion Subwacke and argillite with thin and very thin bedded to la and some minor tight folds; bed Quartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contacts sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 - 1441.5' single bed; quartzitic wacke to 1427', quar medium grey; massive; bedding t From 1441.5 - 1458' back into bedding to core 0° \$ 1442.5, 10 From 1458' to 1509' mostly | Tests at Corr. Dip True Brg. % Recov. **Recov. two medium beds of quarminated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suividual beds; medium grey; thin beds; core is variably or distinct, usually flat', 68° € 1372', 43° € 1383 large fold. From 1386' tritic wacke and minor wack tritic wacke and minor wack argillite and subwacke to arenite to 1439.5', mixo core curves through 0° € same bed (overturned); 1° oin opposite sense to twacke, subwacke and argil | Hor. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding ,5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium or 1419', wacke to 1423', ed W/GW and GA to 1441.5'; 1418', is 18° et 1441.5'; ight medium grey; messive; hat at 1441.5' at 1442'. lite with quartzitic wacke | <u> ប</u> | T Bra | | Elev. | 11000 |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) | District Western Location Core Size Core Size Subwacke and argillite with thin and very thin bedded to la and some minor tight folds; bed Quartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contacts sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 - 1441.5' single bed; quartzitic wacke to 1427', quar medium grey; massive; bedding t From 1441.5 - 1458' back into bedding to core 0° \$ 1442.5, 10 From 1458' to 1509' mostly below 1500'; core intermittently medium to dark medium grey; medium grey; a | Tests at Corr. Dip True Brg. % Recov. two medium beds of quar minated; contacts flat and ding to core 80° 8 1337'. arenite (70%), wacke, sui ividual beds; medium grey; thin beds; core is variably or distinct, usually flat ', 68° 8 1372', 43° 8 1383 large fold. From 1386' tritic wacke and minor wac 12° 8 1414'. argillite and subwacke to transite to 1439,5', mix o core curves through 0° 8 same bed (overturned); 1 o in opposite sense to to wacke, subwacke and argil y broken, often with slict ome, if not all, overturn | Her. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding .5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium o 1419', wacke to 1423', ed W/OW and 9A to 1441.5', 1418', is 18° et 1441.5', ight medium grey; messive; het at 1441.5' at 1443'. lite with quartzitic wacke kensides and minor gouge; ed; bedding contacts sharp | <u> ប</u> | T Bra | | Elev. | #1000 |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) | District Western Location Core Size Dilion Subwacke and argillite with thin and very thin bedded to la and some minor tight folde; bed Quartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contects sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 - 1441.5' single bed; quartzitic wacke to 1427', quar medium grey; massive; bedding to core 1418.5 - 1458' back into bedding to core 0° \$ 1442.5, 10 From 1458' to 1509' mostly below 1500'; core intermittentl medium to dark medium grey; at to vague, flat to irregular to | Tests at Corr. Dip True Brg. % Recov. two medium beds of quarminated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suitividual beds; medium grey; thin beds; core is variably or distinct, usually flat ', 58° € 1372', 43° € 1383 large fold. From 1386' tzitio wacke and minor wacl 12° € 1414'. argillite and subwacke ttz arenite to 1439.5', mix or core curves through 0° € same bed (overturned); 1° in opposite sense to twacke, subwacke and argil y broken, often with sliciome, if not all, overturned offersed or broken; bedd | Hor. Comp. Vert Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding ,5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium or 1419', wacke to 1423', ed W/OW and OA to 1441.5'; 1418', is 18° at 1441.5'; ight medium grey; messive; hat at 1441.5' at 1443'. lite with quartzitic wacke kensides and minor gouge; ed; bedding contacts sharp ing to core 20° 21469', | <u> ប</u> | T Bra | | Elev. | ST. ST. ST. ST. ST. ST. ST. ST. ST. ST. |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) | District Western Location Core Size Core Size Subwacke and argillite with thin and very thin bedded to la and some minor tight folds; bed Quartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contacts sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 - 1441.5' single bed; quartzitic wacke to 1427', quar medium grey; massive; bedding t From 1441.5 - 1458' back into bedding to core 0° \$ 1442.5, 10 From 1458' to 1509' mostly below 1500'; core intermittently medium to dark medium grey; medium grey; a | Tests at Corr. Dip True Brg. % Recov. two medium beds of quarminated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suitividual beds; medium grey; thin beds; core is variably or distinct, usually flat ', 58° € 1372', 43° € 1383 large fold. From 1386' tzitio wacke and minor wacl 12° € 1414'. argillite and subwacke ttz arenite to 1439.5', mix or core curves through 0° € same bed (overturned); 1° in opposite sense to twacke, subwacke and argil y broken, often with sliciome, if not all, overturned offersed or broken; bedd | Hor. Comp. Vert Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding ,5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium or 1419', wacke to 1423', ed W/OW and OA to 1441.5'; 1418', is 18° at 1441.5'; ight medium grey; messive; hat at 1441.5' at 1443'. lite with quartzitic wacke kensides and minor gouge; ed; bedding contacts sharp ing to core 20° 21469', | <u> ប</u> | T Bra | | Elev. | to the state of th |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) to 1509 (460.0) | Location Core Size Core Size District Western Location Core Size District Western Location Core Size Core Size District Watch and argillite with thin and very thin bedded to large and as we minor tight folds; bed up to the series of medium to shattered; bed contacts sharp to core 73° # 1344', 56° # 1362 # 1386'. Core is parallel to bedding in quartz arenite with some quarranger; massive; bedding to core From 1414 - 1441.5' single bed; quartzitic wacks to 1427', quarrandium grey; massive; bedding to bedding to core 0° # 1442.5, 10 From 1451.5 - 1458' back into bedding to core 0° # 1442.5, 10 From 1458' to 1509' mostly below 1500'; core intermittently medium to dark medium grey; as to vague, flat to irregular to folded # 1485', 60° # 1500' | Tests at Corr. Dip True Brg. % Recov. two medium beds of quar minated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, sui ividual beds; medium grey; thin beds; core is variably or distinct, usually flat ', 68° € 1372', 43° € 1383 large fold. From 1386' tzitio wacke and minor waci 12° € 1414'. argillite and subwacke to tz arenite to 1439.5', mix o core curves through 0° € same bed (overturned); 1 of in opposite sense to to wacke, subwacke and argil y broken, often with slict ome, if not all, overturn deformed or broken; bedd (probably right way up), | Her. Comp. Vert. Comp. Logged by Date txitic wacke; medium grey; sharp; low angle cleavage bwacke and argillite (30%) thick bedded with zones y but not badly broken and , some irregular; bedding .5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium o 1419', wacke to 1423', ed W/GW and GA to 1441.5'; 1418', is 18° et 1441.5'; ight medium grey; messive; hat at 1441.5' et 1443'. lite with quartzitic wacke kensides and minor gouge; ed; bedding contacts sharp ing to core 20° # 1469', very irregular near 0° # | <u> ប</u> | T Bra | | E LIGHT. | # # FOCE |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) to 1509 (460.0) | Location Core Size Subwacke and argillite with thin and very thin bedded to la and some minor tight folds; bed Cuartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contects sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 - 1441.5' single bed; quartzitic wacke to 1427', quar medium grey; massive; bedding to core From 1441.5 - 1458' back into bedding to core 0° \$ 1442.5, 10 From 1458' to 1509' mostly below 1500'; core intermittentl medium to dark medium grey; a to vague, flat to irregular to folded \$ 1485', 50° \$ 1500' 1509'. A couple of beds of quartzitic medium grey; medium to thin bed | Tests at Corr. Dip True Brg. % Recov. two medium beds of quarimated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suividual beds; medium grey; thin beds; core is variable or distinct, usually flat ', 68° € 1372', 43° € 1383 large fold. From 1386' tritic wacke and minor wacker to 12° € 1414'. argillite and subwacke the transmite to 1439.5', mix or core curves through 0° € same bed (overturned); 1° in opposite sense to the wacke, subwacke and argilly broken, often with slice one, if not all, overturned of the same of the wacker followed by wacker ded, some thin laminated in wacker followed by wacker ded, some thin laminated in the same ded, same ded | Hor. Comp. Vert. Comp. Logged by Date txitic wacks; medium grey; sharp; low angle cleavage bwacks and argillite (30%) thick bedded with zones y but not badly broken end , some irregular; bedding .5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium o 1419', wacks to 1423', ed W/OW and OA to 1441.5'; 1418', is 18° at 1441.5' ight medium grey; messive; hat at 1441.5' at 1442'. lite with quertxitic wacks kensides and minor gouge; ed; bedding contacts sharp ing to core 20° # 1469', very irregular near 0° # , subwacks and ergillite; ones; bed contacts generally | <u> ប</u> | T Bra | | Telev. | the state of the s |
| _ | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) to 1509 (460.0) | Location Core Size District Western Location Core Size District Western Location Core Size District Western Core Size District Western Subwacke and argillite with thin and very thin bedded to law and some minor tight folde; bed Countristic wacke and quartz both as graded bed tops and indup to two feet of medium to shattered; bed contects sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 - 141.5' single bed; quartzitic wacke to 1427', quar medium grey; massive; bedding to bedding to core 0° \$ 1442.5, 10 From 1458' to 1509' moetly below 1500'; core intermittentl medium to dark medium grey; a to vague, flat to irregular to folded \$ 1485', 60° \$ 1500' A couple of beds of quartzitic | Tests at Corr. Dip True Brg. % Recov. two medium beds of quarimated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suividual beds; medium grey; thin beds; core is variable or distinct, usually flat ', 68° € 1372', 43° € 1383 large fold. From 1386' tritic wacke and minor wacker to 12° € 1414'. argillite and subwacke the transmite to 1439.5', mix or core curves through 0° € same bed (overturned); 1° in opposite sense to the wacke, subwacke and argilly broken, often with slice one, if not all, overturned of the same of the wacker followed by wacker ded, some thin laminated in wacker followed by wacker ded, some thin laminated in the same ded, same ded | Hor. Comp. Vert. Comp. Logged by Date txitic wacks; medium grey; sharp; low angle cleavage bwacks and argillite (30%) thick bedded with zones y but not badly broken end , some irregular; bedding .5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium o 1419', wacks to 1423', ed W/OW and OA to 1441.5'; 1418', is 18° at 1441.5' ight medium grey; messive; hat at 1441.5' at 1442'. lite with quertxitic wacks kensides and minor gouge; ed; bedding contacts sharp ing to core 20° # 1469', very irregular near 0° # , subwacks and ergillite; ones; bed contacts generally | <u> ប</u> | T Bra | | Elev. | to to to to to to to to to to to to to t |
| | Property MAT 71 (Sull) Commenced Completed Co-ordinates Objective Footage Footage to 1341.5 (409.0) to 1386 (422.6) to 1509 (460.0) | District Western Location Core Size Subwacke and argillite with thin and very thin bedded to la and some minor tight folds; bed Guartzitic wacke and quartz both as graded bed tops and ind up to two feet of medium to shattered; bed contacts sharp to core 73° \$ 1344', 56° \$ 1362 \$ 1386'. Core is parallel to bedding in quartz arenite with some quar grey; massive; bedding to core From 1414 - 1441.5' single bed; quartzitic wacke to 1427', quar medium grey; massive; bedding t From 1441.5 - 1458' back into bedding to core 0° \$ 1442.5, 10 From 1458' to 1509' mostly below 1500'; core intermittentl medium to dark medium grey; at to vague, flat to irregular to folded \$ 1485', 60° \$ 1500' 1509'. A couple of beds of quartzitic medium grey; medium to thin bed sharp and flat; beds massive, | Tests at Corr. Dip True Brg. % Recov. two medium beds of quarimated; contacts flat and ding to core 80° € 1337'. arenite (70%), wacke, suividual beds; medium grey; thin beds; core is variable or distinct, usually flat ', 68° € 1372', 43° € 1383 large fold. From 1386' tritic wacke and minor wacker to 12° € 1414'. argillite and subwacke the transmite to 1439.5', mix or core curves through 0° € same bed (overturned); 1° in opposite sense to the wacke, subwacke and argilly broken, often with slice one, if not all, overturned of the same of the wacker followed by wacker ded, some thin laminated in wacker followed by wacker ded, some thin laminated in the same ded, same ded | Hor. Comp. Vert. Comp. Logged by Date txitic wacks; medium grey; sharp; low angle cleavage bwacks and argillite (30%) thick bedded with zones y but not badly broken end , some irregular; bedding .5', 21° (vague and irregular) - 1414' is predominantly ke of a single bed; medium o 1419', wacks to 1423', ed W/OW and OA to 1441.5'; 1418', is 18° at 1441.5' ight medium grey; messive; hat at 1441.5' at 1442'. lite with quertxitic wacks kensides and minor gouge; ed; bedding contacts sharp ing to core 20° # 1469', very irregular near 0° # , subwacks and ergillite; ones; bed contacts generally | <u> ប</u> | T Bra | | Elev. | \$100 at 1 |

| Property MAT 71 (| Sullivan) District Weste | | *** |) ge 10 | | | | |
|--|--|--|---|--|--|----------------|----------------|-------|
| Commenced | Location | Tests at | Hor, Comp. | - | | 1 | | |
| Completed | Core Size | Corr. Dip | Vert. Comp. | | ł | | ģ | Į |
| Co-ordinates | | True Brg. | Logged by | | Ę | å | | 1. |
| Objective | | % Recov. | Date | | Claim | 7 Brg. | Sollar | E € |
| Footage De | scription | | | | Anal | | <u> </u> | |
| rom To | <u> </u> | | | | | ├ | ╁─╴ | ╁ |
| to 1528.5 (466. | medium grey; medium bedded; | c wacks, wacks with minor subw; bed contacts sharp and fla ons; bedding to core 65° € 152 | t; beds generally man | | | | | - |
| to 1536 (486.3) | bed contacts vague; and was | (50%), dark medium grey; thinke and quartzitic wacks (| 50%); medium grey; | medium | | | - | - |
| | to core 76° 8 1530'. | , some have clasts; bed conta | • | _ | _ | | | - |
| o 1553.5 (473. | | e and quartzitic wacke near ed with some thin beds; vaguel | | | _ | \vdash | \vdash | +- |
| | laminated 1541 - 1550'; bed | d contacts sharp and flat, lam | inations flat; fine p | yrrhotite | - | ┢ | - | †- |
| | | llel to bedding, but individue re 80° 8 1545'. Core brecciat | | parallel | | <u> </u> | \vdash | † |
| | • | | | . | ļ | Γ- | 1 | † |
| to 1559 (475.3) | | are sheared (1553.5 - 1554.5', .5 - 1558; broken quartzitic w. | | | | | | 1 |
| to 1641.5 (500. | | ite, minor quartzitic wacke; | | | <u> </u> | <u> </u> | | 1 |
| | | cating folding throughout; a figuration of the f | | | <u> </u> | _ | | ┼- |
| | | ● 1580', 29° ● 1593', 17° € | | | - | | - | ├- |
| . d 1663 (507.0) | Wacke subvecks and armilli | ite; medium grey; medium, th | in and very thin be | eddedi | _ | | \vdash | † |
| 0 1663 (507.07 | | | 10 000 very corre | | | - | ┯ | +- |
| | # 1652'. | ffuse, fiat to wavy and irre- | gular; bedding to con | re 65° | | | - | ┼- |
| - 1696 (517 1) | ₽ 1652'. | • | | | | - | | + |
| to 1696 (517.1) | @ 1652'. Quartz arenite with lesser (65%), wacke, subwacke a | quartzitic wacke more abundan and argillite es bed tops a | t in lower third of in nd in medium and thin | ntervel 'beds; | | - | | - |
| to 1696 (517.1) | @ 1652'. Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; | t in lower third of in nd in medium and thin | ntervel 'beds; | | | | - |
| to 1696 (517.1) | @ 1652'. Quartz arenite with lesser (65%), wacke, subwacke a | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; | t in lower third of in nd in medium and thin | ntervel 'beds; | | | <u></u> | |
| to 1696 (517.1) | @ 1652'. Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; | t in lower third of in nd in medium and thin | ntervel 'beds; | | | | |
| to 1696 (517.1) Drill Hole Rec | @ 1652'. Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; | t in lower third of in nd in medium and thin bed contacts from | ntervel 'beds; | | | | |
| Orlii Hole Rec | @ 1652'. Quertz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 | quartzitic wacke more abundan and argillite as bad tops a some medium and thin beds; 75° € 1674', 65° € 1687'. | t in lower third of in nd in medium and thin bed contacts from | nterval beds; sharp | | | | |
| Orill Hole Rec | @ 1652'. Quertz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; 75° € 1674', 65° € 1687'. Hole No. 6459 | t in lower third of in nd in medium and thin bed contacts from Gamines p. Hor. Comp. | nterval beds; sharp | | | | |
| Orill Hole Recomperty MAT 71 (Sommenced | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; 75° € 1674', 65° € 1687'. | t in lower third of in nd in medium and thin bed contacts from Gamines p. Her. Comp. | nterval beds; sharp | | | | |
| Orill Hole Recomperty MAT 71 (Sommenced | Quertz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord ulliyan) District Western Location | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; 75° € 1674', 65° € 1687'. Hole No. 6459 | t in lower third of in nd in medium and thin bed contacts from Gamines p. Hor. Comp. | nterval beds; sharp | | | diQ | |
| Orlil Hole Recommenced Completed Co-ordinates | Quertz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord ulliyan) District Western Location | quartzitic wacke more abundan and argillite as bad tops a some medium and thin beds; 75° \$ 1674', 65° \$ 1687'. Hole No. 6459 Tests at Corr. Dip | t in lower third of in nd in medium and thin bed contacts from Gamines p. Her. Comp. | nterval beds; sharp | (arita) | Brā | Ollar Dip | lev. |
| Orill Hole Recommenced Completed Co-ordinates Objective | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 Ord Ulliyan) District Western Location Core Size | quartzitic wacke more abundan and argillite as bad tops a some medium and thin beds; 75° € 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. | t in lower third of in nd in medium and thin bed contacts from Gammas por Hor. Comp. Vert. Comp. Logged by | nterval beds; sharp | Crera Anal | H Brg | Collar Dip | Elev. |
| Orill Hole Recommenced Commenced Co-ordinates Objective Doi: | Quertz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord ulliyan) District Western Location | quartzitic wacke more abundan and argillite as bad tops a some medium and thin beds; 75° € 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. | t in lower third of in nd in medium and thin bed contacts from Gammas por Hor. Comp. Vert. Comp. Logged by | nterval beds; sharp | O Anal | H Brg | Collar Dip | Elev. |
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| orill Hole Recomperty MAT 71 (Sommenced condinates believed condinates believed condinates believed condinates | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord ullivan) District Western Location Core Size Argillite, minor subwacke a lesinated, bed contects and | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; 750 \$ 1674', 650 \$ 1687'. Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. | t in lower third of in nd in medium and thin bed contacts from Gamines por Hor. Comp. Vert. Comp. Logged by Date Very thin bedded and flat but variably de | nterval beds; sharp age 11 faintly | E BO | H Brg | Collar Dip | Elev. |
| orill Hole Recomperty MAT 71 (Sommenced operated operations belonged to the property of the pr | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord ulliyan) District Western Location Core Size Argillite, minor subwacke a laminated; bed contacts and by low angle cleavage and core. | quartzitic wacke more abundan and argillite as bad tops a some medium and thin beds; 75° \$ 1674', 65° \$ 1687'. Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. | Gamines possible to core 600 9 1701'. | nterval beds; sharp age 11 faintly formed | Eigo | H Brg | Coller Dip | Elev. |
| rill Hole Recommenced mpleted -ordinates -jective tage 1705 (519.8) | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 COTO COTO Core Size Argillite, minor subwacke a laminated; bed contacts and by low angle cleavage and of the contacts and contacts sharp and file | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; 750 \$ 1674', 650 \$ 1687'. Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. | t in lower third of in nd in medium and thin bed contacts from the contacts from the comp. Hor. Comp. Vert. Comp. Logged by Date very thin bedded and flat but variably deto core 60° \$ 1701'. medium (aome thick) been and contacts no | nterval beds; sharp age 11 faintly formed edded; it well | E g Z | H Brg | Coller Dip | Elev. |
| rill Hole Recommenced Impleted | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord Ord Ord Ord District Western Location Core Size Argillite, minor subwacke a laminated; bed contacts and by low angle cleavage and of the defined; some beds or zones | quartzitic wacke more abundant and argillite as bad tops a some medium and thin beds; 75° \$ 1674', 65° \$ 1687'. Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding and argillite; medium grey; at to vague; some bed thicknes very faintly laminated; bedd | Hor. Comp. Vert. Comp. Logged by Date very thin bedded and flat but variably detto core 500 @ 1701'. medium (some thick) beas and contacts noting to core 740 @ 1711 | nterval beds; sharp age 11 faintly formed edded; t well 2'. | Eig O. Anal | H Brg | Coller Dip | Elev. |
| orill Hole Recommenced ompleted operations to the control of the c | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord Ord Ulliyan) District Western Location Core Size Argillite, minor subwacke a laminated; bed contacts and by low angle cleavege and compact of the defined; some beds or zones greeded tops and clusters in feet long; medium to it | quartzitic wacke more abundant and argillite as bad tops a some medium and thin beds; 75° \$ 1674′, 65° \$ 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. **Recav. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding at to vague; some bed thickn a very faintly laminated; bedd unartzitic wacke (70%), wacke of medium, thin, very thin a ight medium grey; thick and | t in lower third of in nd in medium and thin bed contacts from bed contacts from the comp. Hor. Comp. Vert. Comp. Logged by Date very thin bedded and flat but variably detto core 50° \$ 1701'. medium (some thick) be as and contacts noting to core 74° \$ 171: , subwacke and argill and laminated beds us medium bedded; bed co | nterval beds; sharp age 11 faintly formed medded; twell 2'. ite in up to 4 untects | E O Anal | H Brg | Coller Dip | Elev. |
| Orill Hole Recomperty MAT 71 (Sommenced ompleted operations beliefly as the 1705 (519.8) | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord Ord Ord Ord Ord Ord Ord Ord | quartzitic wacke more abundant and argillite as bad tops a some medium and thin beds; 75° \$ 1674′, 65° \$ 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. **Recov. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding argillite; medium grey; at to vague; some bed thickn a very faintly laminated; bedd wartzitic wacke (70%), wacke of medium, thin, very thin a light medium grey; thick and hole tiny cross laminae but | Hor. Comp. Vert. Comp. Logged by Date Very thin bedded and flat but variably det to core 50° \$ 1701'. medium (some thick) belies and contacts nothing to core 74° \$ 171; and laminated beds undedium bedded; bed covered bed covered bed covered bed covered bed covered beds undedium bedded; bed covered beds undedium bedded; bed covered beds undedium bedded; preserved beds undedium beds unde | faintly formed sedded; it well 2'. ite in up to 4 ontects sent in | E d Anal | H Brg | Coller Dip | Elev. |
| Orill Hole Recommenced completed co-ordinates bjective cotage Decommenced cotage Decommen | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord Ord Ord Ord Ord Ord Ord Ord | quartzitic wacke more abundant and argillite as bad tops a some medium and thin beds; 75° \$ 1674′, 65° \$ 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. **Recav. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding at to vague; some bed thickn a very faintly laminated; bedd unartzitic wacke (70%), wacke of medium, thin, very thin a ight medium grey; thick and | Hor. Comp. Vert. Comp. Logged by Date Very thin bedded and flat but variably det to core 50° \$ 1701'. medium (some thick) belies and contacts nothing to core 74° \$ 171; and laminated beds undedium bedded; bed covered bed covered bed covered bed covered bed covered beds undedium bedded; bed covered beds undedium bedded; bed covered beds undedium bedded; preserved beds undedium beds unde | faintly formed sedded; it well 2'. ite in up to 4 ontects sent in | Eigo | H Brg | Coller Dip | Elev. |
| Orill Hole Recomperty MAT 71 (Sommenced ompleted operations of the property of | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 cord Ord Ord Ord Ord Original District Western Location Core Size Core Size Original Argillite, minor subwacke a laminated; bed contacts and by low angle cleavage and of the cord | quartzitic wacke more abundant and argillite as bad tops a some medium and thin beds; 75° \$ 1674′, 65° \$ 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. **Recav. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding at to vague; some bed thickn a very faintly laminated; bedd uartzitic wacke (70%), wacke of medium, thin, very thin a light medium grey; thick and ble tiny cross laminae but acke laminated zones; beddinacke some services and the services are laminated zones; beddinacke lami | t in lower third of in nd in medium and thin bed contacts from bed contacts from the contacts from the contacts from the contacts from the contacts from the contacts from the core for the | faintly faintly formed medded; twell 2'. ite in ip to 4 intects ent in ', 650 | Ead | H Brg | Coller Dip | Elev. |
| Orill Hole Recomperty MAT 71 (Sommenced ompleted operations of the property of | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 COTO COTO Core Size C | quartzitic wacke more abundant and argillite as bad tops a some medium and thin beds; 75° € 1674′, 65° € 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding at to vague; some bed thickn a very faintly laminated; bedduartzitic wacke (70%), wacke of medium, thin, very thin a light medium grey; thick and ble tiny cross laminae but acke laminated zones; beddilite; dark medium grey; medium ded contacts gradational, flaminated | Hor. Comp. Vert. Comp. Logged by Date Very thin bedded and flat but variably deto core 500 \$ 1701'. medium (some thick) be as and contacts noting to core 740 \$ 1711'. medium bedded; bed co weak shearing presume to core 550 \$ 1720. Lum and thin bedded it to wavy; faint lamit | faintly formed added; t well 2'. ite in p to 4 ontects ent in '', 650 with a nation | Anal | H Brg | Coller Dip | Elev. |
| Orill Hole Recommenced Completed Co-ordinates Objective to 1705 (519.8) to 1714 (522.6) | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 COTO COTO Core Size C | quartzitic wacke more abundan and argillite as bed tops a some medium and thin beds; 750 € 1674', 650 € 1687'. Hole No. 6459 Tests at Corr. Dip True Brg. % Recov. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding argillite; medium grey; at to vague; some bed thickn a very faintly laminated; bedd usertzitic wacke (70%), wacke of medium, thin, very thin a ight medium grey; thick and ble tiny crose laminae but acke laminated zones; beddilite; dark medium grey; medi | Hor. Comp. Vert. Comp. Logged by Date Very thin bedded and flat but variably deto core 500 \$ 1701'. medium (some thick) be as and contacts noting to core 740 \$ 1711'. medium bedded; bed co weak shearing presume to core 550 \$ 1720. Lum and thin bedded it to wavy; faint lamit | faintly formed added; t well 2'. ite in p to 4 ontects ent in '', 650 with a nation | Anal | H Brg | Coller Dip | Elev. |
| Drill Hole Recomposition MAT 71 (SCommenced Completed Co-ordinates Objective Footage Tem Te Del to 1705 (519.8) to 1714 (522.6) to 1767.8 (539.4) to 1772.5 (540.4) | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 location Cord District Western Location Core Size Argillite, minor subwacke a laminated; bed contacts and by low angle cleavege and of the defined; some beds or zone; defined; some beds or zone; feet long; medium to 1: sharp, flat to wavy, possition any argillite and subwacke 1744', 750 e 1758'. 4) Wacke, subwacke and argilling few faint very thin beds; in argillite disturbed by the state of the | quartzitic wacke more abundant and argillite as bed tops a some medium and thin beds; 750 € 1674', 650 € 1687'. Hole No. 6459 Tests at Corr. Dip True Brg. % Recav. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding at to vague; some bed thickn a very faintly laminated; bedduartzitic wacke (70%), wacke of medium, thin, very thin a ight medium grey; thick and ble tiny cross laminae but acke laminated zones; bedding lite; dark medium grey; medium cross laminae but acke laminated zones; bedding sub-parsilel cleavage; bedding txitic wacke and wacke, minor | Gamines partial design of the comp. Vert. Comp. Logged by Date Very thin bedded and flat but variably deto core 600 @ 1701'. medium (some thick) be as and contacts noting to core 740 @ 171: o, subwacke and argill and laminated beds us medium bedded; bed coweak shearing pressing to core 650 @ 1720. Lum and thin bedded at to wavy; faint laming to core 660 @ 1769'. | faintly faintly formed sedded; t well 2' | E GO Anal | H Brg | Coller Dip | Elev. |
| Property MAT 71 (Semmenced Completed Co-ordinates Objective Cotage Te To To To To To To To To To To To To To | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 Cord Ulliyan) District Western Location Core Size Core Size Argillite, minor subwacke at laminated; bed contacts and by low angle cleavage and of defined; some beds or zone: O) Quartz arenite, minor quarts and clusters at feet long; medium to 1: sharp, flat to wavy, possil many argillite and subwacke 1744', 750 @ 1758'. 4) Wacke, subwacke and argill few faint very thin beds; in argillite disturbed by a contact and in columns and in columns. | quartzitic wacke more abundant and argillite as bad tops a some medium and thin beds; 75° € 1674′, 65° € 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. **Recov. And wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding and argillite; medium grey; at to vague; some bed thickn a very faintly laminated; bedd wartzitic wacke (70%), wacke of medium, thin, very thin a ight medium grey; thick and ble tiny cross laminae but acke laminated zones; beddi lite; dark medium grey; medi bed contacts gradational, fla sub-parallel cleavage; bedding tzitic wacke and wacke, minor waters of thin and very | Hor. Comp. Vert. Comp. Logged by Date very thin bedded and flat but variably deto core 50° \$ 170'. medium (some thick) be as and contacts noting to core 74° \$ 171'. medium bedded; bed contacts and thin bedded; bed contacts and thin bedded to wak shearing present to core 55° \$ 1720. The state of t | nterval beds; sharp age 11 faintly formed edded; it well 2'. ite in p to 4 ontacts sent in p', 650 with a nation regillite medium | E O Ansi | H Brg | Coller Dip | Elev. |
| Drill Hole Recompensy MAT 71 (S) Commenced Completed Co-ordinates Objective Cootage Delive to 1705 (519.8) to 1714 (522.6) to 1767.8 (539.4) | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 lord Ord Ord Ord Ord Ord Ord Ore Size Core Size Core Size Core Size Core Size Ord Ord Argillite, minor subwacke a laminated; bed contacts and by low angle cleavege and of defined; some beds or zones of the core size of the co | quartzitic wacke more abundant and argillite as bed tops a some medium and thin beds; 75° \$ 1674′, 65° \$ 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. **Recav. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding argillite; medium grey; at to vague; some bed thickn a very faintly leminated; bedd usertzitic wacke (70%), wacke of medium, thin, very thin a gight medium grey; thick and ble tiny cross laminae but acke laminated zones; bedding tite; dark medium grey; medium contacts gradational, fla sub-parsilei cleavage; bedding tzitic wacke and wacke, minor usters of thin and very thick bedded with a few medium contacts and leminatione are contacts and leminatione are series. | t in lower third of in nd in medium and thin bed contacts from the | faintly faintly formed sedded; t well 2'. ite in p to 4 intacts sent in ', 650 with a nation argillite medium its are it beds | E d d Ansi | H Brg | Coller Dip | Elev. |
| orill Hole Recomperty MAT 71 (Sommenced completed coordinates or Te completed coordinates or Te coordi | Quartz arenite with lesser (65%), wacke, subwacke a medium grey; thick bedded, to vague; bedding to core 7 lord Ord Ord Ord Ord Ord Ord Ore Size Core Size Core Size Core Size Core Size Ord Ord Argillite, minor subwacke a laminated; bed contacts and by low angle cleavege and of defined; some beds or zones of the core size of the co | quartzitic wacke more abundant and argillite as bad tops a some medium and thin beds; 75° \$ 1674′, 65° \$ 1687′. Hole No. 6459 Tests at Corr. Dip True Brg. **Recav. and wacke; medium grey; thin, d laminae generally sharp and crenulation cleavage; bedding at to vague; some bed thickn a very faintly laminated; bedd wartzitic wacke (70%), wacke of medium, thin, very thin a ight medium grey; thick and ble tiny cross laminae but acke laminated zones; bedding the district wacke gradational, flasub-parallel cleavage; bedding tzitic wacke and wacke, minor usters of thin and very thick bedded with a few medium grey medium trick bedded with a few medium | t in lower third of in nd in medium and thin bed contacts from the | faintly faintly formed sedded; t well 2'. ite in p to 4 intacts sent in ', 650 with a nation argillite medium its are it beds | E d d Ansi | H Brg. | Coller Dip | Elev. |

to 1834.5 (559.3) Wacke (60%), quartritic wacke and quartr arenite (20%), subwacke and ergillite (20%); dark medium grey; primarily medium bedded, the wacke is in thick zones that may or may not consist of several beds, within these zones the wacke is either massive, vaguely laminated or faintly but well laminated; the argillite and subwacke are generally faintly thin and very thin bedded; bedding to core 750 @ 1833'.

| Property MAT 71 (Si | llivan) District West | ern Hole No. 6459 | • | | | | |
|---|--|--|---|--|---|---|------------|
| Commenced | Location | Tests at | Hor, Comp. | | | | |
| Completed | Core Size | Corr. Dip | Vert. Comp. | · | 1 | | |
| Co-ordinates | | True Brg. | Logged by | | - - | 1. | 움 |
| Objective | | % Recov. | Date | | Claim | T Bro. | S |
| | ription | | | | | i⊢ Iysis | |
| From To | \ Cuesty espeits (80t). | quartzitic wacke (10%); a | | | ╁ | ╁ | ╁ |
| CO 1004.4 (300.4 | tops and with wacks in | thin and very thin beds (| (10%): light medium gre | ev: thick | \vdash | ╁ | + |
| | and flat; bedding to cor- | bases usually poorly sorted, e 810 & 1854'. | bed contacts sharp to | gradational | | \top | † |
| to 1880 (573.2) | Subwacke and argillite w | ith minor wacke; medium grey | : varies from apparent) | ly madium | | L | I |
| | thickness and massive b | eds through weakly laminate leminated; bed contacts | d medius thickness beds | to thin | <u> </u> | 1 | \bot |
| | to vague, generally flat | , some affected by low angle | shearing; tight fold a | t 1870'; | - | - | + |
| | bedding to core 75° # 180 | | | | \vdash | - | ╁- |
| to 1941.5 (591.9 | Quartzitic wacke and quartitic (15%); medium grey; ti | rtz arenite (60%), wacke hick and medium bedded; s | (25%), subwacke and a | rgillite | | + | + |
| ļ | have massive bases and | graded (some up to 50% of | total thickness of be | ed) tops; | 一 | 十 | † |
| • | irregular); minor faulti: | arp or distinct, some are ng with minor shearing 1 | 898-1900', folding 190 | 00-1909'; | | | T |
| | bedding to core 73° - 6 8 1979', 70° 8 1937.5'. | 85° near 1887', variable 1 | 900-1909'; bedding to | core 85° | | L | |
| to 1949-5 (594.4 | | dium grey; medium to thin | heddeds beds or no- | | <u> </u> | <u> </u> | \perp |
| 10011 | beds vaguely laiminated | d; bed contacts indisting | t or vague and flat; mi | nor fine | <u> </u> | ╀ | +- |
| | | | | | \vdash | + | + |
| to 1962.5 (598.3 | Argillite; medium grey; ; aligned in discontinuous | massive to vaguely bedded fashion parallel to bedding | . trace of pyrrhotit and in fractures. | e flecke | - | \vdash | \dagger |
| 1 | | itic wacke; dark medium gr | | faintly | | | T |
| 1to 1971.3 (601.0 | laminated in places. | , | | | Г | | |
| to 1971.3 (601.0 | | | • | | | | ı |
| } | Subwacke to wacke; dark ; | medium grey; massive to vagu | ely bedded; weakly diss | eminated | | ļ., | 4- |
| } | Subwacke to wacke; dark pyrrhotite, about half of | medium grey; massive to vagu of which is in discontinuo oth in fine laminae and cros | us laminations, at 197 | eminated '4' is 10 | | - | - |
| | Subwacke to wacke; dark ; pyrrhotite, about half ca with 15% pyrrhotite bo | of which is in discontinuo | us laminations, at 197 | Page 13 | | | |
| to 1977.0 (602.7 | Subwacke to wacke; dark pyrrhotite, about half can with 15% pyrrhotite bo | of which is in discontinuo oth in fine laminae and cros | us laminations, at 197 s-cutting veinlets. | '4' is 10 | | | |
| Drill Hole Reco | Subwacke to wacke; dark pyrrhotite, about half can with 15% pyrrhotite bo | of which is in discontinuo oth in fine laminae and cros | Cominco Hor. Comp. | Page 13 | | | |
| Drill Hole Reco | Subwacke to wacke; dark ; pyrrhotite, about half com with 15% pyrrhotite bo | of which is in discontinuo oth in fine laminae and cross tern Hole No. 6459 Tests at Corr. Dlp | Cominco Hor. Comp. Vert. Comp. | Page 13 | | | |
| Drill Hole Reco | Subwacke to wacke; dark pyrrhotite, about half can with 15% pyrrhotite bound of the control of t | of which is in discontinuo oth in fine laminae and cross term Hole No. 6459 Tests at Corr. Dlp True Brg. | Commence Hor. Comp. Vert. Comp. Logged by | Page 13 | | Ö | r Dip |
| Drill Hole Reco | Subwacke to wacke; dark pyrrhotite, about half can with 15% pyrrhotite bound of the control of t | of which is in discontinuo oth in fine laminae and cross tern Hole No. 6459 Tests at Corr. Dlp | Cominco Hor. Comp. Vert. Comp. | Page 13 | Claim | T Brg. | Cotter Dip |
| Drill Hole Reco | Subwacke to wacke; dark pyrrhotite, about half can with 15% pyrrhotite bound of the control of t | of which is in discontinuo oth in fine laminae and cross term Hole No. 6459 Tests at Corr. Dlp True Brg. | Comp. Comp. Logged by | Page 13 | Anal Anal | Augs To | Coller Dip |
| Drill Hole Reco | Subwacks to wacks; dark; pyrrhotite, about half can with 15% pyrrhotite bound of the second of the s | of which is in discontinuo oth in fine laminae and cross tern Hole No. 6459 Tests at Corr. Dlp True Brg. % Recov. | Cominco Hor. Comp. Vert. Comp. Logged by Date | Page 13 | E G | Augs Gradie | Coller Dip |
| Drill Hole Reco | Subwacke to wacke; dark pyrrhotite, about half can with 15% pyrrhotite by pyrrhotite b | of which is in discontinuo oth in fine laminae and cross term Hole No. 6459 Tests at Corr. Dlp True Brg. | Cominco Hor. Comp. Vert Comp. Logged by Oate | Page 13 | E a d | Ç. G. G. L. | Coller Dip |
| Drill Hole Reco | Subwacks to wacks; dark pyrrhotite, about half can with 15% pyrrhotite by pyrrhotite b | of which is in discontinuo oth in fine laminae and cross term Hole No. 6459 Tests at Corr. Dlp True Brg. % Recov. ke; dark medium grey; vaguel; ominantly wacke 1983.8' to evith minor wacke and one continuous continuo | Logged by Date Dedded; massive to in and. | Page 13 Page 13 Itermittent 1 1990.2 | E GO | yeis L | Coller Dip |
| Drill Hole Reco | Subwacke to wacke; dark pyrrhotite, about half can with 15% pyrrhotite by pyrrhotite b | tern Hole No. 6459 Tests at Corr. Dlp True Brg. % Recov. ke; dark medium grey; vaguel; opinantly wacke 1983.8' to every to a start of the start | Hor. Comp. Vert Comp. Logged by Date y bedded; massive to in nd. ontinuous wacke interva medium bedded with py | Page 13 Page 13 Itermittent 1 1990.2 | Anai | - Paris | Coller Dip |
| Drill Hole Reco | Subwacke to wacke; dark pyrrhotite, about half can with 15% pyrrhotite became the second of the seco | tern Hole No. 6459 Tests at Corr. Dlp True Brg. % Recov. ke; dark medium grey; vaguel; paminantly wacke 1983.8' to elevate the minor wacke and one cigrey; vaguely very thin to lemintions and irregular in vague narrow cross-cutt | Logged by Date Deduction was ive to in a medium bedded with py elongate clusters par | Page 13 termittent 1 1990.2 rrhotite aliel to | E GO Anai | · co | Coller Dip |
| Drill Hole Reco | Subwacke to wacke; dark pyrrhotite, about half can with 15% pyrrhotite by pyrrhotite by pyrrhotite by pyrrhotite by pyrrhotite by pyrrhotite by pyrrhotite by pyrrhotite by pyrrhotite by pyrrhotite by pyrrhotite laminations. Bedding to | tern Hole No. 6459 Tests at Corr. Dlp True Brg. Ke; dark medium grey; vaguel; painantly wacke 1983.8' to essentially warry thin to lemintione and irregular in vague narrow cross-cutt core 750 \$ 1992'. | Hor. Comp. Vert Comp. Logged by Date y bedded; massive to in and, ontinuous wacke interval and in disaging zones and in disaging services. | Page 13 Page 13 Itermittent 1 1990.2 rrhotite callel to gregated | Anai | Aure Co | Coller Dip |
| Drill Hole Reco | Subwacke to wacke; dark pyrrhotite, about half of the community of the com | tern Hole No. 6459 Tests at Corr. Dlp True Brg. % Recov. ke; dark medium grey; vaguel; paminantly wacke 1983.8' to elevate the minor wacke and one cigrey; vaguely very thin to lemintions and irregular in vague narrow cross-cutt | Logged by Date Definitions at 197 Comp. Vert Comp. Logged by Date y bedded; massive to in additional bedded with py elongate clusters paring zones and in disag | Page 13 Page 13 termittent 1 1990.2 rrhotite aliel to gregated y sharp: | Egg | Ç. G. H. | Coller Dip |
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| Drill Hole Record | • | | Oominoo Page 14 | ļ | | |
|-----------------------------|--|---|------------------------------|-------------------------|--------|-----------|
| Property MAT 71 (Sullivan) | District Western | Hole No. 6459 | Nec Comp | | | |
| Commenced | Location | Tests at | Hor. Comp. | \dashv | | |
| Completed | Core Size | Corr. Dip | Vert. Comp. | \dashv | | ۽ |
| Co-ordinates | | True Brg. | | ─ _₽ | خ | ollar Dia |
| Objective | | % Recov. | Date | - I | T 1875 | į |
| la station | | | | Ana | lysis | <u> </u> |
| Footage Description | | | | | + | + |
| to 2133.0 (650.3) Quartziti | c wacke with minor quar | tz arenite (70%), wacke (2 | (0k), subwacke and argillite | - | + | + |
| (10%); me | dium grey to dark mediu | m grey; medium bedded wit -11v graded, somm are fain | tly laminated throughout, | <u> </u> | ┿ | + |
| 1 | | dantad at 2176 i Binor | COULTS SELICICS HOCAR! | \vdash | | + |
| pyrrhotit | e is weakly disseming o', 80° 8 2133'. | ated only in parts of a | one beds; bedding to core | \vdash | ┿ | + |
| 805 # 211 | .V , UV- W 2100 1 | | | - | +- | + |
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| AMMEND OF HE | DLE AT 2193' (650.3 m)** | * * 5 | | \vdash | ┪- | + |
| TOTAL OF HE | | | | - | + | + |
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SULLIVAN EXPL. - WD

JOB V 86-0494R REPORT DATE 6 DCT 1986

| LAB NO | • | FEE | T | Ps | Zn |
|-------------------|--------|--------|--------|------------|-----------------|
| - | | From | To | PPM | PPM |
| R8609851 | 14801 | 1939.3 | 1939,9 | 12 | 42 · |
| R8609852 | 14802 | 1941.5 | 1944.5 | 16 | 81 |
| R8609853 | 14803 | 1944.5 | 1949.0 | 14 | -56 |
| R8609854 | 14804 | 1949.0 | 1953.5 | (4 | 55 |
| R8609855 | 14805 | 1953.5 | 1957.5 | 4 | 54 |
| R8609856 | 14806 | 1957.5 | 1960.0 | ₹4 | 54. |
| R8609857 | 14807 | 1960.0 | 1963.0 | <4 | -52· |
| R8609858 | 1,4808 | 1963.0 | 1970.0 | 31 | 55· |
| R8609859 | 14809 | 1970.0 | 1971.3 | 25 | 78 |
| R8609860 | 14810 | 1971.3 | 1972.5 | 206 | 234 |
| R8609861 | 14811 | 1972.5 | 1974.0 | 4 | 57 ⁻ |
| RB609B62 | 14812 | 1974.0 | 1974.3 | 404 | 9 04 |
| 88609863 | 14813 | 1974.3 | 1976.0 | 8 | 94. |
| R8609864 | 14814 | 1976.0 | 1978.1 | 37 | 161 |
| R8609865 | 14815 | 1978.1 | 1980.0 | 102 | <i>-298</i> |
| RB404B44 | 14816 | 1980.0 | 1982.0 | 144 | 480 |
| R860986 7 | 14817 | 1982.0 | 1983.3 | 130 | 403 |
| R8404848 | 14818 | 1983.3 | 1984.7 | 87 | 141. |
| ₽₿ ₿₿₽₽₿₽₽ | 14819 | 1984.7 | 1985.8 | <i>7</i> 1 | 220 |
| R8609870 | 14820 | 1985.8 | 1986.7 | 81 | 2631 |
| R8609871 | 14821 | 1986.7 | 1987.6 | 55 | 131 |
| R8609872 | 14822 | 1987.6 | 1988.5 | 66 | 137 |
| • | | 1988.5 | 1989.3 | .67 | 112 |
| R8609874 | 14824 | 1989.3 | 1990.6 | 32 | 99 |
| RB609875 | 14825 | 1990.6 | 1991.8 | 21 | 171 |
| R8409874 | 14826. | 1991.8 | 1992.8 | 7 | 1.75 |
| R8609877 | 14827 | 1992.8 | 1993.7 | 31 | £9: |
| R8409878 | 14828 | 1993.7 | 1995.0 | 42. | 73' |
| R8409879 | 14829 | 1995.0 | 1997.0 | 17 | .58 |
| KBY0ABB0 | 14830 | 1997.0 | 1998.1 | 4 | 38, |

I=INSUFFICIENT SAMPLE X=SHALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED IF AFQUESTED ANALYSES ARE NOT SHOWN JRESULTS ARE TO FOLLOW

ANALYTICAL METHODS

PB AQUA REGIA BECOMPOSITION / AAS

ZH AGUA REGIA DECOMPOSITION Z AAS

APPENDIX B

SULLIVAN MINE GROUP OF MINERAL CLAIMS

NOVEMBER 27, 1986

56 17

406

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1,685

Number of Units

| 1. | Crown-Granted M.C. | | 680 |
|----|--|---|-----|
| 2. | Held by Assessment: | | |
| | 2(a) TWO POST CLAIMS | | |
| | Luke Group Rho Group Med Group Donna, Etc. Group Uke Group Mar Group Bad Group Late Group Mat Group Jackpot | 75 20 15 15 11 17 36 91 268 | 549 |
| | 2(b) REVERTED CROWN GRANTED MINERAL CLAIMS | | |
| | Tip 4-12 Hope 2-12 Sun 2-12 Cue 2-12 B.C., Silver Bell, Tarrant Black Hills, Yankee Girl, Wasp Fr. Blue Dragon | 9 11 11 11 3 3 | 49 |
| | 2(c) MINERAL CLAIMS (54) | | |
| | Dip 1-8 Fal 1-14 Golf 1-3 Quark 1&2 Fin 1-3 Mead 1-3 Gin 1-9 | 56 84 17 12 18 36 110 56 | |
| • | Clair 24-32 | 17 | 406 |

Mark 1-3

3. Greenhorn Mineral Lease

GRAND TOTAL (1 + 2 + 3)

APPENDIX C

STATEMENT OF EXPENDITURES

DIRECT COSTS

Contractor:

Longyear Canada Inc.

721 Aldford Avenue, Annacis Island,

Westminster, B.C. V3M 5P5

| Item | Invoice No | <u>.</u> | Amount |
|----------------------------|------------|----------|-------------|
| 0-2133 ft (0-650m) coring | 8854 | | \$39,891.40 |
| | 8855 | | 6,110.40 |
| Mobilization | 8854 | | 1,800.00 |
| Move In | •• | | 1,395.00 |
| Move From (false start) | •• | | 775.00 |
| Move to storage (part) | 8855 | | 2,092.50 |
| Reaming | 8854 | | 884.40 |
| Reaming | •• | | 186.00 |
| Hole Reduction | •• | | 1,323.00 |
| Standby | *1 | | 1,896.00 |
| Surveys | •• | | 372.00 |
| Surveys | 8855 | | 46.50 |
| Casing left in hole | ** | | 980.45 |
| Demobilization | 9104 | | 1,800.00 |
| Hole Reduction (Remove HQ) | •• | | 558.00 |
| Move Out | •• | | 1,550.00 |
| | | TOTAL = | \$61,660.65 |

INDIRECT COSTS

| ~ | • | | | | | |
|----|---|---|---|----|----|--|
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| Ju | _ | ч | _ | _ | | |

| P.w. Kansom - | report writing | 36 days @ \$250/day | 9,000.00 |
|---------------|----------------|---------------------|----------|
| Mobilization | | | |

| Cominco Ltd., Kimberley, B.C Cat and operator | 1,168.00 |
|---|----------|
| Henderson Heavy Hauling, Cranbrook, B.C. | 1,085.00 |
| Wright Contracting, Cranbrook, B.C Bulldozer | 910.00 |
| S+D Hunt Logging, Cranbrook, B.C Bulldozer | 300.00 |
| Mountain Meadows, Fort Steele, B.C Bulldozer | 1,511.25 |

| Transportation 4 | 4X4 truck - 14 days @ \$40/day | 560.00 |
|------------------|--------------------------------|--------|
|------------------|--------------------------------|--------|

| Supplies | Core Boxes | 64 X \$5.50 | 352.00 |
|----------|-----------------|--------------|----------|
| | Drill Mud - Gel | 240 X \$5.50 | 1,320.00 |
| | - Trol | 22 X \$98.00 | 2,156.00 |
| • | - Oil | 3 X \$267.00 | 801.00 |
| | | | |

Sperny Sun survey equipment

TOTAL \$80,886.44

Signed: __

P.W. RANSOM, Project Geologist

APPENDIX D

IN THE MATTER OF THE

B.C. MINERAL ACT

AND

IN THE MATTER OF A DIAMOND DRILL PROGRAMME

CARRIED OUT ON THE MAT 71 CLAIM GROUP

MATTHEW CREEK AREA

in the Fort Steele Mining Division of the Province of British Columbia

More Particularily N.T.S. 82F/9

AFFIDAVIT

- I, P.W. Ransom, of the rural district of Wycliffe, in the Province of British Columbia, make Oath and say:
- 1. That I am employed as a Geologist by Cominco Ltd. and as such, have a personal knowledge of the facts to which I hereinafter depose:
- 2. That annexed hereto and marked as Appendix C to this my Affidavit is a true copy of expenditures incurred on a Diamond Drill programme, on the Mat 71 mineral claim group.
- 3. That the said expenditures were incurred between the 27th day of June, 1986 and the 10th day of October, 1986 for the purpose of mineral exploration on the above noted claim group.

P.W. RANSOM

PROJECT GEOLOGIST

APPENDIX E

STATEMENT OF QUALIFICATIONS

As author of this report, I, Paul W. Ransom, certify that:

I am a geologist active in minerals exploration.

I am a graduate of McGill University with a degree of Bachelor of Science.

I have been continuously engaged in mining and exploration since 1966.

I am a member of the Geological Association of Canada.

I supervised Cominco Ltd.'s Sullivan Mine area exploration drilling program in 1986.

P.W. RANSOM. G.A.C.