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OPEN FILE

BEACONSFIELD GOLD PROJECT
COMPOSITE GEOLOGICAL LOGS
D.D.H. 3I, 3II and 3III

72-936

| | |
|--------------------------|----------|
| MINES | |
| File Ref. EL17/73 | |
| 11 AUG 1988 | |
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| LETTER | |
| 5. 8 '88 | |
| REFERS | |
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| Resubmit to | Date |

72-936

W. L. YOUNG PTY. LIMITED

695002

001

PROJECT BEACONSFIELD

D.D.H. No. 3

ATTITUDE 90°

DATE COMMENCED _____

LOGGED BY _____

LOCATION _____

CORE SIZE NX

DATE FINISHED _____

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | Dip of Bedding | | | | |
|--------|--------|-------|--------|--|------------|----------------|--|--|--|--|
| 509' | 511' | 2' | 100 | Massive, white to pale grey, fine sugary texture, fine grained limestone, silicious in part. | | 36° | | | | |
| 511' | 512'8" | 1'8" | 100 | Well foliated, readily split along foliation, grey-green colour, soapy texture on planes of foliation, calcareous rock (abbreviated G.R. in description). (Originally a laminated muddy limestone or calcareous mudstone - D. Gee pers. comm. 19.12.69) Broken and deformed laminae (original bedding) pale grey and fine grained, reoriented parallel to foliation, limestone ranging in size from 0.1" upward. (G.R. + 1st = green "leopard" rock) Lithological contact dips about 40° and foliation is roughly parallel to this, being defined by soapy layering and this is itself contorted. Very slight traces of disseminated pyrite throughout the G.R. and limestone bands. | | | | | | |
| 512'8" | 517'6" | 4'10" | 100 | Massive, pale grey to white, fine sugary texture, limestone. Contact dips about 20°. Very minor specs of pyrite and chaloopyrite. | | | | | | |
| 517'6" | 518'6" | 1' | 100 | Foliated brownish-green, G.R. with abundant limestone laminae. | | | | | | |

W. L. YOUNG PTY. LIMITED

695003

PROJECT _____

D.D.H. No. _____

3

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY _____

LOCATION _____

CORE SIZE NX _____

DATE FINISHED _____

DATE _____

002

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | | | |
|--------|---------|-------|--------|--|------------|--|--|--|--|--|--|
| | | | | <p>Few grains of a brown, strongly altered mineral, lacking obvious crystalline shape.</p> <p>Few very fine grained pyrite clusters, disseminated through rock, about 0.05" diameter.</p> <p>Thin (about 0.1") irregular veins of oxidised copper minerals with some pyrite traces.</p> | | | | | | | |
| 518'6" | 522' | 3'6" | 100 | <p>G.R. with abundant limestone (as above) silicified and granular, grades into a quartzite rapidly over a short distance.</p> <p>Massive, pale grey granular to "amorphous quartzite, cut by discontinuous white quartz veins 0.1" to 0.4" in thickness.</p> <p>Minor oxidised copper (?) minerals, traces of pyrite and chalcopyrite throughout quartzite.</p> <p>Grainsize changes in massive quartzite probably represent bedding.</p> | | | | | | | |
| 522' | 525'10" | 3'10" | 100 | <p>G.R. and siliceous limestone become predominant. Copper mineralisation persists.</p> | | | | | | | |

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PROJECT BEACONSFIELD

695004

D.D.H. No. 3 ATTITUDE _____ DATE COMMENCED _____ LOGGED BY _____
 LOCATION _____ CORE SIZE _____ DATE FINISHED _____

C-003

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. Depth | Dip of Bedding | Dip of Fol'n |
|----------|------------|--------|--------|---|----------------------|----------------------|--------------------|
| 525' 10" | 526' 2" | 2" | 100 | Massive, dark greenish grey, very fine grained rock approximately 90% pyrite, in 2" wide band. Contact of band with adjacent rock dips about 30° | 524' 52686" | 24° 19° | |
| 526' | 527' 1" | 1' | 100 | Zone of strongly foliated, readily broken G.R. containing limestone (fragmented and reorientated laminae) in minor quantities (10-15%) Copper mineralisation still present. | | | |
| 527' | 527' 2" | 2" | 100 | Massive, dark greenish grey, fine grained pyrite rich band, 2" in thickness, parallel to foliation in adjacent rock. | | | |
| 527' 2" | 550' 6" | 23' 4" | 100 | G.R. with fragmented limestone laminae. (40% G.R., 60% limestone) Limestone in definite layers (beds). Fragments oriented with long axes parallel to foliation. Foliation dips about 60° and is itself folded slightly. | 528' 537' 532' | 19° 28° | 53° 61° 68° |
| 550' 6" | 552' 1' 6" | 1' 6" | 100 | Massive, green grey limestone, fine grained. | | | |

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PROJECT BEACONSFIELD

695005

004

D.D.H. No. 3

ATTITUDE

DATE COMMENCED

LOGGED BY

LOCATION

CORE SIZE NX

DATE FINISHED

DATE

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. Depth | B. B. Dip | Fol'n Dip | | |
|------|------|-----|--------|--|---------------------|--------------|--------------|--|--|
| 552' | 566' | 4' | 100 | G.R. and varying proportions of limestone (30% to 60%) The limestone is pinkish in colour now. Foliation near vertical Pyrite mineralisation in irregular veins and pads (about 0.25" diameter) | 554' 562' | | 73° 63° | | |
| 566' | 567' | 1' | 100 | Massive, green grey limestone. Disseminated very fine grained patches of pyrite occasional. | | | | | |
| 567' | 569' | 2' | 100 | G.R. Foliated moderately developed. Foliation dips about 70°. | | | | | |
| 569' | 570' | 1' | 100 | G.R. Foliation extremely well developed, fractures easily. | 570' | | 85° | | |
| 570' | 577' | 7' | 100 | G.R. + Limestone, foliation moderately well developed, dips at about 70°. | | | | | |
| 577' | 578' | 1' | 100 | G.R. well foliated, readily broken. | | | | | |
| 578' | 579' | 1' | 100 | G.R. with pinkish limestone fragments more drawn out than before and more deformed. | | | | | |

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PROJECT BEACONSFIELD

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D.D.H. No. 3

ATTITUDE _____

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LOCATION _____

CORE SIZE NX

DATE FINISHED _____

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. Depth | B.B. Dip | Fol' Dip | N | | |
|--------|----------|------|--------|---|---------------------|-------------|-------------|---|--|--|
| | | | | Foliation dips about 50°. | | | | | | |
| 579' | 579'6" | 6" | 100 | G.R. with pink limestone, very crumbly and readily broken. Foliation near vertical. | | | | | | |
| 579'6" | | | | G.R. and pink limestone | 582' | | 81° | | | |
| | 584'6" | 5' | 100 | Foliation near vertical to about 80° dip. | | | | | | |
| 584'6" | 587'2'6" | 2'6" | 100 | G.R. and pink limestone Foliation dip about 70°. | | | | | | |
| 587' | 589'6" | 2'6" | 100 | G.R. and darkening pink limestone. | | | | | | |
| 589'6" | | | | G?R? with powdery pink limestone. The green colour is partly associated with rock material of a dark wine red colour (R?R.) = red rock. | | | | | | |
| | 590'6" | 1' | 100 | | | | | | | |
| 590'6" | | | | G.R. almost completely graded into the dark red colour (R.R.) - well foliated, soft, fine grained, calcareous, soapy texture and phyllitic sheen on foliation planes. | 592' | | 61° | | | |
| | 598' | 7'6" | 100 | | | | | | | |

W. L. YOUNG PTY. LIMITED

695007

PROJECT: BEACONSFIELD

D.D.H. No. 3 ATTITUDE _____ DATE COMMENCED _____ LOGGED BY: _____
 LOCATION _____ CORE SIZE NX DATE FINISHED _____ DATE _____

006

| IN | TO | CUT | REC. % | DESCRIPTION | N | SAMPLE NO. Depth | B. B. Dip | Foln Dip | | | | |
|--------|--------|-----|--------|---|---|---------------------|--------------|-------------|--|--|--|--|
| | | | | Pink limestone fragments are elongate, aligned parallel to foliation, fragments 0.25" to 1.0" long, often up to 70% of the rock. Traces of green soapy material present, seen on fractured surfaces. Limestone layers representing bedding dip at more shallow angle than foliation but have been drawn out during deformation. (R.R. + 1st = red "leopard" rock) | | 597' 598' | 18° 24° | 52° 59° | | | | |
| 598' | 611' | 13' | 100 | R.R. and pink limestone spots (fragments) Foliation dips about 60°. No trace of mineralisation. | | 602' | | 59° | | | | |
| | 611' | 6" | | R.R. lacking much limestone. Thin calcite (0.2" wide) veins of calcite discordant to rest of surfaces (i.e. bedding and foliation) | | | | | | | | |
| 611'6" | 617'6" | 6' | 100 | R.R. and pink limestone. Foliation folded into chevron fold about 2" across, axial plane at high angle to vertical (at 615') Elsewhere foliation about 50° dip. | | 614' | | 58° | | | | |

W. L. YOUNG PTY. LIMITED

PROJECT. BEACONSFIELD

695008

007

D.D.H. No. 3

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY _____

LOCATION _____

CORE SIZE NX

DATE FINISHED _____

DATE _____

| ROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. Depth | B. B. Dip | Foln Dip | | | |
|--------|--------|-----|--------|---|----------------------|--------------|-------------------|--|--|--|
| 617'6" | 618' | 6" | 100 | R.R. + limestone. Foliation dips about 50°; zone of readily fracturing rock. | | | | | | |
| 618' | 648' | 30' | 100 | R.R. + limestone Foliation dips about 60°. Small fold (at 640') | 520' 633' 643' | 31° | 65° 62° 64° | | | |
| 648' | 649' | 1' | 100 | R.R. pink limestone becoming more predominant and occurring in larger "spots" (or fragments) Foliation less well developed. | | | | | | |
| 649' | 649'3" | 3" | 100 | Narrow band of G.R. within R.R. Pink limestone "spots" | | | | | | |
| 649'3" | 650' | 9" | 100 | R.R. grading into G.R. downward, with pink limestone fragments about 30% of rock. | | | | | | |
| 650' | 650'6" | 6" | 100 | G.R. with dark pink limestone fragments, about 30% of rock. | | | | | | |
| 650'6" | 651' | 6" | 100 | G.R. 90%, white limestone fragments 10%, poorly developed foliation about 40° dip. | | | | | | |

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008

BEACONSFIELD

PROJECT

D.D.H. No.

3

ATTITUDE

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LOCATION

CORE SIZE

NX

DATE FINISHED

DATE

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. Depth | B.B. Dip | Foln Dip | | | |
|--------|-----------|-------|--------|---|----------------------|-------------|-------------------|--|--|--|
| 651' | 656' | 5' | 100 | G.R. free from limestone fragments, very calcareous | | | | | | |
| 656' | 657' | 1' | 100 | G.R., 50% white limestone fragments, foliation more apparent. | | | | | | |
| 657' | 664'6" | 7'6" | 100 | G.R. graded into R.R. as white fragments become pink. | 662' | | 70° | | | |
| 664'6" | 684'19'6" | | 100 | R.R. 35% pink limestone. Foliation dep about 60°, becoming less with depth (672' - 45° dip) | 672' 681' | 39° | 70° 70° | | | |
| 684° | 696'6" | 12'6" | 100 | R.R., 60% white limestone fragments | 689' | 38° | 67° | | | |
| 696'6" | 699' | 2'6" | 100 | R.R. becomes greenish over a 6" zone, G.R. is very calcareous and free from fragments. Finally changes back to R.R. with 60% pink limestone over 2" zone. | | | | | | |
| 699' | 712' | 13' | 100 | R.R. 60% pink limestone fragments. Foliation dip about 60°. | 700' 710' | 31° 44°? | 65° 69° | | | |
| 712' | 745' | 33' | 100 | Small fold. R.R. and pink limestone (0.1" x 2"), occasional green colour. Other small folds at 714', 715', 732', 741', 741'6". | 720' 730' 740' | 52° | 78° 61° 65° | | | |

W. L. YOUNG PTY. LIMITED

695010

600

PROJECT BEACONSFIELD

D.D.H. No. 3

ATTITUDE

DATE COMMENCED

LOGGED BY

LOCATION

CORE SIZE NX

DATE FINISHED

DATE

| ROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | B.B. Dip | Foln Dip | | | | |
|--------|--------|-------|--------|---|--------------|------------|------------|--|--|--|--|
| 745' | 746'6" | 1'6" | 100 | R.R. and minor small limestone fragmenys. Rock easily parted and broken. | | | | | | | |
| 746'6" | 772' | 25'6" | 100 | R.R. with fine slivers of limestone. Foliation dip about 45° but rock fractures along surface with 30° dip. | 750' 768' | 25° 22° | 54° 56° | | | | |
| 772' | 787' | 15' | 100 | R.R. with pink limestone fragments increasing in size. Green colouration partially altering red colour in rock (i.e. post dates it) | 775' | 35? | 60° | | | | |
| 787' | 802' | 15' | 100 | R.R. with pink limestone (about 40%). The layering representing bedding is near vertical. Small folds at 793', 794' and 799'. | 789' 697' | 84° 31? | 64° 67° | | | | |
| 802' | 808'6" | 6'6" | 100 | R.R. with pink limestone, bedding dips about 60°. Small fold 802'6". Then rapid change from red rock to G.R. with pink limestone fragments. | 806' | 60? | 71° | | | | |
| 808'6" | 810' | 1'6" | 100 | K.R. XX G.R. with pink fragments. | | | | | | | |
| 810' | 811'6" | 1'6" | 100 | G.R. to R.R. rapid change over about 3" then R.R. with pink limestone. | | | | | | | |

W. L. YOUNG PTY. LIMITED

695011

PROJECT BEACONSFIELD

D.D.H. No. 3.

ATTITUDE VERTICAL

DATE COMMENCED

LOGGED BY

LOCATION

CORE SIZE NX, BX, NX

DATE FINISHED

DATE

010

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | B.B. Dip | Foln Dip | | | |
|--------|-----------|-----|--------|---|------------|----------|----------|--|--|--|
| 811'6" | 819'7'6" | | 100 | G.R. with white limestone fragments | 813 | 47? | 77 | | | |
| | | | | | 817 | 8 | 67 | | | |
| 819' | 819'6" 6" | | 100 | R.R. and pink limestone. | | | | | | |
| 819'6" | 822'2'6" | | 100 | R.R. + pink limestone, changing rapidly to G.R. at base. | | | | | | |
| 822' | 822'6" 6" | | 100 | G.R. gradually changing to R.R. | | | | | | |
| 822'6" | 823'6" | | 100 | G.R. with pink limestone fragments but the red colour is increasing. Foliation dip about 60°. | | | | | | |
| | | | | | 825 | | 66 | | | |
| 823' | 845' 22' | | 100 | R.R. with pink limestone, slightly larger fragments (1/2" x 1") Thin veins of calcite 1/8" thick quite common. | 834 | 44 | 79 | | | |
| | | | | | 845 | 53 | 65 | | | |
| 845' | 850' 5' | | 100 | R.R. with about 50% pink limestone fragments grading into G.R. with fading pink limestone over about 3". | | | | | | |
| 850' | 853' 3' | | 100 | G.R. with white limestone fragments (40%) | 853 | 39 | 61 | | | |

W. L. YOUNG PTY. LIMITED

695012

011

PROJECT BEACONSFIELD

D.D.H. No. 3 ATTITUDE _____ DATE COMMENCED _____ LOGGED BY _____
 LOCATION _____ CORE SIZE _____ DATE FINISHED _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. | B.B. Dip | Foln Dip | | | |
|---------|---------|-----|--------|---|----------------------|--------------------|-------------------|--|--|--|
| 853' | 874' | 21' | 100 | G.R., showing traces of R.R. Limestone fragments are pink, often quite dark and form up to 65% of the rock. Occasional thin crystalline veins of calcite and pyrite present. Pyrite in small crystalline masses up to 0.1" diameter may represent 1-2% of the rock. | 863' | | 69° | | | |
| 874' | 874' 5" | 5" | 100 | Massive, dark grey green, fine grained limestone, partly recrystallised. | | | | | | |
| 874' 5" | 875' | 7" | 100 | G.R. with 70% limestone, rather massive. | | | | | | |
| 875' | 887' | 12' | 100 | Massive, dark grey-green limestone bands a few inches (3-5") wide every foot or so of core. Between these is G.R. with abundant pinkish limestone fragments. Few minor 1/8" thick calcite veins and minor disseminated pyrite. | 872' 878' 887' | 5°? 38°? 14° | 72° 80° 86° | | | |
| 887' | 907' | 20' | 98 | Massive dark-grey green limestone cut by minor calcite veins and abundant quartz veins (about 1/8" wide). Pyrite is disseminated and associated with quartz veins. | | | | | | |

W. L. YOUNG PTY. LIMITED

695013

012

PROJECT.....

D.D.H. No. 3

ATTITUDE.....

DATE COMMENCED.....

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LOCATION.....

CORE SIZE BX

DATE FINISHED.....

DATE.....

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | B.B. Dip | Folr Dip | | | |
|--------|----------|------|--------|---|------------------------------|------------|------------|--|--|--|
| 907' | 926' | 19' | 98 | Massive dark grey green, fine grained limestone with occasional pale grey limestone laminae. This rock is similar to G.R. but is more greyish. The limestone is more greyish in colour too, not so drawn out parallel to foliation and original layering persists. Fracturing no longer along foliation. Numerous thin, discontinuous veins of quartz cut the core. Pyrite mineralisation is related to these veins but is also disseminated. Patches of core are rather crumbly. | 909' 915' 919' 926' | 42° 39° | 67° 73° | | | |
| 926' | 935' | 9' | 98 | Dark grey green psammopelitic, becoming foliated and fractured surfaces have a phyllitic sheen. Quartz veins common, few thin pyrite veins and disseminated pyrite. | 935' | | 80° | | | |
| 935' | 935'6" | 6" | 90 | Dark green-grey veined phyllite, brecciated zone 6" wide, core crumbly and irregular. | | | | | | |
| 935'6" | 940'4'6" | 4'6" | 100 | Dark green-grey veined phyllite - as above. Lithological layering parallel to foliation may be bedding but not definite. | 942' | | 82° | | | |

W. L. YOUNG PTY. LIMITED

695014

013

PROJECT

D.D.H. No. 3.

ATTITUDE

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LOCATION

CORE SIZE

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DATE FINISHED

DATE

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | B.B. Dip | Foln Dip | | | |
|------|-------|-----|--------|---|------------|----------|----------|--|--|--|
| 940' | 942' | 2' | 98 | Crumbly zone, 2" thick in phyllite. Pyrite mineralisation present in rest of phyllite, quite abundant (relatively) in places 0.5 - 5% of rock. | 957' | 43° | | | | |
| 942' | 1012' | 70' | 100 | Grey green phyllite with contorted white laminae (calcareous) and cut by quartz veins with pyrite mineralisation in patches. Minor small scale folding of poorly developed foliation. Recrystallised calcite veins also present. | 951 | 43° | 72° | | | |
| | | | | | 961' | 75° | 84° | | | |
| | | | | | 971' | 62° | 82° | | | |
| | | | | | 997' | | 77° | | | |
| | | | | | 1016' | 59° | | | | |
| 912' | 1029' | 17' | 100 | Grey green calcareous phyllite, poorly developed foliation. Greenish white laminae contorted. Traces of pyrite mineralisation present, usually concentrated in very thin (0.5mm) veins. | 1029' | | 75° | | | |
| 929' | 1061' | 32' | 100 | Green calcareous phyllite. Recrystallisation of calcite to form veins has occurred in places. Foliation poorly developed and is itself folded. Rock is generally fairly massive. Few thin quartz veins (about 1-2 mm. wide) cut rock. Minor pyrite. | 1041' | 72° | | | | |
| | | | | | 1052' | 71° | | | | |

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PROJECT.....

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|-------|-------|-----|--------|--|------------|----------|----------|--|--|--|
| 1061' | 1080' | 19' | 100 | Green calcareous phyllite. Well developed foliation. Recrystallised calcite veins and quartz veins minor. Very minor pyrite mineralisation. | 1080' | 36° | | | | |
| 1080' | 1103' | 23' | 100 | Green calcareous impure quartzite, massive layers alternating with well foliated and easily parted areas each two to eight feet. Minor calcite recrystallisation and quartz veins. | 1094' | 51° | | | | |
| 1103' | 1204' | 99' | 95 | Greeny-grey calcareous quartzite (gradational change from green to green-grey colour) Areas of calcite recrystallisation forming veins with sugary texture. Minor pyrite mineralisation, especially associated with calcite veins. | 1133' | 63° | 74° | | | |
| | | | | | 1150' | 30° | 81° | | | |
| | | | | | 1180' | 55° | 80° | | | |
| | | | | | 1201' | 70° | 82° | | | |
| 1204' | 1207' | 3' | 85 | Crumbly zone in green-grey calcareous shale. | 1211' | 58° | 78° | | | |
| 1207' | 1230' | 23' | 100 | Greeny-grey calcareous shale (as above) quite massive in places. | 1227 | 71° | | | | |

695016

W. L. YOUNG PTY. LIMITED

PROJECT.....

D.D.H. No. 3 ATTITUDE..... DATE COMMENCED..... LOGGED BY.....
 LOCATION..... CORE SIZE BX DATE FINISHED..... DATE.....

015

| DM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. | B.B. Dip | Foln Dip | | | |
|------|----------------|-----|--------|---|----------------|----------|------------|-----|--|--|
| 1365 | 1391 | | | Green grey massive calcareous quartzite cut by quartz veins locally silicified. Very few white limestone laminae. | 1380' 1390' | | 64° 67° | | | |
| 1391 | 1502 | | | Greeny-grey massive calcareous impure quartzite with contorted white limestone layers, cut by occasional quartz veins. Occasional minor pyrite. | 1392' | 66° | 78° | | | |
| 1502 | 1502' 1" | | 80 | Crumbly grey phyllitic zone about 1" wide containing disseminated pyrite. | | | | | | |
| 1502 | 1" | | | Green grey massive impure calcareous quartzite cut by quartz veins. | 1405' 1416' | | 60° 47° | 74° | | |
| 1516 | 6" | | | | | | | | | |
| | 1517' 6" 1' | | 75% | Crumbly zone of greeny grey shale. | | | | | | |
| | 1517' 6"-1538' | | | Massive greeny grey impure quartzite cut by quartz veins. | 1421' 1434' | | 52° 46° | 79° | | |
| 1538 | 1539' | | | Greeny grey shale crumbly zone. | | | | | | |
| 1539 | 1559 | | | Green grey shale cut by quartz veins. Minor faulting. | 1446' 1451' | | 46° 52° | 73° | | |

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695017

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| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | B. B. Dip | Foln Dip | | |
|------|------|-----|--------|--|------------|-----------|----------|--|--|
| 1559 | 1621 | | | Greenish grey calcareous shale with drawn out, broken and contorted, white limestone laminae. Foliation becoming more micaceous. Minor pyrite. | 1461' | 58° | 59° | | |
| | | | | | 1471' | | 56° | | |
| | | | | | 1481' | | 82° | | |
| | | | | | 1491' | | 79° | | |
| | | | | | 1515' | 80° | 78° | | |
| 1621 | 1648 | | 20% | Crumbly zone in grey phyllitic rock, highly calcareous. Fragments of broken quartz present locally. | 1520' | 73° | 81° | | |
| | | | | | 1531' | | 75° | | |
| | | | | | 1541' | 75° | 82° | | |
| | | | | | 1551' | 52° | 82° | | |
| | | | | | 1566' | | 78° | | |
| | | | | | 1576' | 72° | 82° | | |
| | | | | | 1586' | 68° | 85° | | |
| | | | | | 1601' | 63° | 87° | | |
| | | | | | 1613' | | 87° | | |

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695018

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PROJECT BEACONSFIELD GOLD

D.D.H. No. 3

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LOCATION

CORE SIZE BXWL

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| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | | |
|------|------|-----|---------------|---|------------|--|--|--|--|--|
| 1648 | 1721 | 82 | Approx 15% | <p>Only material recovered consists of angular quartzose gravel 2 - 10 mm. and angular quartzose fragments ½" - 1½" which have been rounded by grinding down hole. Some small pieces of core recovered consist of calcareous breccia with limestone fragments 5 - 20mm. in a phyllic matrix. The foliation/core angles are very narrow 0 - 15°, and the bedding has been disrupted so that it is not recognisable. This is obviously a wide shear zone which the drill hole intersected at a narrow angle, giving an exaggerated down-hole width. Solution cavities probably exist within this zone. This hole was continued using AX core, but later abandoned. Hole 3II was commenced from this hole at 898'.</p> | | | | | | |

W. L. YOUNG PTY. LIMITED

BEACONSFIELD GOLD

PROJECT.....

695019

010

D.D.H. No. 311

ATTITUDE.....

DATE COMMENCED.....

LOGGED BY E.R. LECKIE

LOCATION.....

CORE SIZE H.Q.

DATE FINISHED.....

DATE.....

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|------|-----|--------|---|------------|--|--|--|--|--|
| 1573.5 | 1585 | 115 | 100 | <p>This hole was commenced at 898' from Hole 3I. It deviated only marginally from the first hole and logs are almost identical but more representative due to larger core obtained.</p> <p>The hole was slightly steeper and entered the shear zone earlier. Greenish grey phyllitic rock with frequent limestone (calcite) bands 1 - 20 mm wide, forming approx. 20% of the rock. These bands are disrupted by the foliation into elongate lenses and obviously represent original bedding. The foliation/bedding angle is very narrow and varies over a narrow range.</p> | | | | | | |
| 1585 | 1593 | | 90 | <p>At 1585' there is an abrupt change from the phyllite into a calcareous breccia. This consists of limestone fragments 4 - 25 mm in a micaceous matrix. Some quartz fragments are also present. The foliation is wrapped around the margins of the fragments and slickensided places are present.</p> | | | | | | |

W. L. YOUNG PTY. LIMITED

PROJECT BEACONSFIELD GOLD

695020

019

D.D.H. No. 3II

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY E.R. LECKIE

LOCATION _____

CORE SIZE H.Q. from 1593 NQ

DATE FINISHED _____

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. Footage | Core B.P. | Angles Foln. | | |
|------|--------|-----|--------|--|-----------------------|--------------|-----------------|--|--|
| 1593 | 1625 | 32 | 10 | Clay alteration has occurred, probably by action of groundwater. This is the shear zone as encountered in hole 31 at 1621'. "NQ" coring equipment used from this point down. Only material recovered consists of quartz fragments 2 - 20 mm rounded by grinding down hole, fine quartzose sand and some clay-rich calcareous breccia. | | | | | |
| 1625 | 1630.5 | 5:5 | 90 | Calcareous breccia - light grey limestone and quartz fragments 2 - 30 mm in a dark green micaceous matrix Fragments (50 - 75% of rock) are generally elongate lens - shaped parallel to the dominant foliation, which is parallel or sub-parallel to the original bedding. Some quartzite bands 2" are present and some calcite has recrystallised into thin veins 1 - 3 mm, parallel to the foliation. This rock represents a highly sheared silty limestone. | 1630' | | 45° | | |

W. L. YOUNG PTY. LIMITED
BEACONSFIELD GOLD

3II

PROJECT _____

D.D.H. No. _____

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY E.R. LECKIE

LOCATION _____

CORE SIZE NQ

DATE FINISHED _____

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | Core B.P. | Angles Foin. |
|--------|--------|------|--------|---|--------------------------------|-----------|----------------------|
| 1630.5 | 1632.5 | 2 | 75 | Breccia as described above but more highly sheared and less fragments. | | | |
| 1632.5 | 1643 | 10.5 | 90 | Breccia as described above, but less sheared and containing more limestone fragments to 2" thick. | | | |
| 1643 | 1658.5 | 15.5 | 80 | Breccia as above but less limestone and more highly sheared. Foliation shows minor contortions, drag - folding (?) | 1650 1655 | | 50 40 |
| 1658.5 | 1662 | 3.5 | 40 | Ground limestone and quartzite fragments only. | | | |
| 1662 | 1741 | 79 | 100 | Calcareous breccia as described above. Fragments (limestone and quartzite) form approx. 50% of the rock. Foliation wraps around the fragments and slickensided planes are present. Occasional quartz veins 1/2" - 3" are present | 1675 1690 1710' 1730' | | 45 60 40 35 |
| 1741 | 1774 | 33 | 100 | Breccia as above but fragments increasing in abundance (60 - 75%) and becoming thinner and more elongate. Foliation becoming more contorted and steeper. | 1740 1750 1765 | | 40 30 25 |
| 1774 | 1802 | 28 | 100 | At 1774' there is an abrupt change into a black shale (contact is conformable). This shale has narrow silty laminae (1 - 10 mm) with quartz veining (5 - 20% by volume - 0.5 - 5 mm wide) which is parallel to the foliation. It is closely foliated, the planes being parallel to the bedding and containing graphite. Minor pyrite is present, occurring as small disseminated grains, thin veins and crystals in the quartz veins. 1790 - 95' sheared with weathering of the pyrite. | 1770 1780 1800 | | 22 15 23 |

W. L. YOUNG PTY. LIMITED

695022

091

PROJECT BEACONSFIELD GOLD

D.D.H. No 3II

ATTITUDE

DATE COMMENCED

LOGGED BY E.R. LECKIE

LOCATION

CORE SIZE NQ

DATE FINISHED

DATE

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | |
|--------|--------|-------|--------|--|--------------------------------------|--|---------------------------------|--|--|
| 1802' | 1913.5 | 111.5 | 100 | A very finely bedded dark grey-black shale. Beds are 0.1 - 5 mm, foliation is parallel to the bedding. Some quartz veins are present (1 - 10 mm) and occasional narrow (3" - 12") highly foliated zones. | 1820 1845 1865 1880 1900 | | 30° 22° 35° 45° 45° | | |
| 1913.5 | 1914.3 | 0.8 | 100 | Vein quartz with some pyrite | | | | | |
| 1914.3 | 1914.7 | 0.4 | 100 | Highly foliated black shale. | | | | | |
| 1914.7 | 1916 | 1.3 | 100 | Vein quartz with some pyrite | | | | | |
| 1916 | 1919 | 3' | 100 | Highly foliated black shale | | | | | |
| 1919 | 1919.5 | 0.5 | 100 | Vein quartz with some pyrite | | | | | |
| 1919.5 | 1922 | 2.5 | 100 | Foliated interbedded black shale/dark grey siltstone | 1920 | | 55° | | |
| 1922 | 1924.5 | 2.5 | 100 | Foliated dark grey siltstone with minor black shale | | | | | |
| 1924.5 | 1925 | 0.5 | 100 | Vein quartz | | | | | |
| 1925 | 1928 | 3' | 100 | Light grey calcareous shale with thin quartz veins. | | | | | |
| 1928 | 1932 | 4' | 100 | Light grey greywacke with angular fragments of black shale, 2 - 20 mm (a sedimentary breccia) and interbedded black shale. | | | | | |

W. L. YOUNG PTY. LIMITED

695023

092

PROJECT. BEACONSFIELD GOLD

D.D.H. No. 3II

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY E.R. LECKIE

LOCATION _____

CORE SIZE NQ - changed to
BXWL at 2020'

DATE FINISHED _____

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. | | | | |
|------|------|-----|--------|--|------------|--|-----|--|--|
| 1932 | 1939 | 7' | 100 | Light grey unfoliated fine grained limestone with some shaley partings and carbonaceous stylolites. Calcite veins (1 - 5 mm) are frequent. | | | | | |
| 1939 | 1941 | 2 | 100 | Calcareous grey rocks with shale fragments | 1940 | | 40° | | |
| 1941 | 1948 | 7 | 100 | Light grey limestone as described above | | | | | |
| 1948 | 1951 | 3 | 100 | Interbedded black shale. | | | | | |
| 1951 | 1959 | 8 | 100 | Light grey limestone with interbedded black shale. | | | | | |
| 1959 | 2035 | 76 | 100 | Fairly uniform light grey unfoliated fine grained limestone with some shaley partings and carbonaceous stylolites. Calcite veins (1 - 5 mm) are frequent. 2020' - change to BXWL core. | 1960 | | 60 | | |
| | | | | | 1980 | | 70 | | |
| | | | | | 2000 | | 65 | | |
| | | | | | 2020 | | 60 | | |
| | | | | | 2045 | | 40 | | |
| 2035 | 2042 | 7 | 100 | Fossiferous zone in the limestone as above | 2070 | | 50 | | |
| 2042 | 2164 | 122 | 100 | Uniform sequence of limestone as above | 2100 | | 47 | | |
| 2164 | 2170 | 6 | 100 | Limestone as above but with pyrite - occurs as small separate grains 0.5 - 2 mm. | 2120 | | 40 | | |
| 2170 | 2290 | | | Uniform sequence of limestone as described above. | 2145 | | 50 | | |
| | | | | | 2160 | | 50 | | |
| | | | | | 2180 | | 60 | | |
| | | | | | 2200 | | 55 | | |
| | | | | | 2225 | | 85 | | |
| | | | | | 2250 | | 48 | | |
| | | | | | 2275 | | 80 | | |

W. L. YOUNG PTY. LIMITED

695024

023

PROJECT BEACONSFIELD GOLD

D.D.H. No. 3II

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY E.R. LECKIE

LOCATION _____

CORE SIZE BXWL

DATE FINISHED _____

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No Footage | Core B.P. | Angles Foln. | | | |
|------|------|-----|--------|--|------------------------------|--------------------------|-----------------|--|--|--|
| 2290 | 2333 | 43 | 100 | Limestone as above with occasional larger calcite veins to 2" wide, separate siderite veins 1 - 10 mm. Sporadic increase in pyrite, 0.5 - 3% | 2300 2300 2350 2370 | 65° 60° 63° 70° | | | | |
| 2333 | 2348 | 15 | 100 | Lot of calcite/siderite veining with minor brecciated zones and an increase in pyrite content of the limestone. | 2390 | 70° | | | | |
| 2348 | 2377 | 29 | 100 | Light grey limestone - no shearing or foliation, very few calcite veins no siderite, minor pyrite | 2410 2435 | 73° 57° | | | | |
| 2377 | 2396 | 19 | 100 | Change into a pale grey quartzite with interbedded light grey limestone much siderite and calcite veining and pyrite occurring as small separate grains and thin veins. Brecciated zones with fragments of sediment a calcite/siderite matrix. | | | | | | |
| 2396 | 2414 | 18 | 100 | Light grey limestone very little calcite or siderite veining and no brecciation. | | | | | | |
| 2414 | 2465 | 51 | 100 | Blue-grey shaley limestone with occasional interbedded quartzite and shale horizons 1" - 3" thick. Shale sections show some deformation and minor brecciation - esp. 2421 - 2124'. | 2460 | 55° | | | | |

W. L. YOUNG PTY. LIMITED

695025

024

PROJECT. BEACONSFIELD GOLD

D.D.H. No. 3II

ATTITUDE

DATE COMMENCED

LOGGED BY. E. R. LECKIE

LOCATION

CORE SIZE BXWL

DATE FINISHED

DATE

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. Footage | Core B.P. | Angles Foln. | | | |
|------|------|------|--------|--|-----------------------|--------------|-----------------|--|--|--|
| 2465 | 2516 | 51 | 100 | Light grey fine grained limestone very stylolitic Occasional quartzite interbeds some calcareous quartzite 1" - 2" Minor veining and thin calcite siderite and quartz 1 - 5 mm and very little pyrite. | 2475 2500 | 60° 78° | | | | |
| 2516 | 2573 | 57 | 100 | Limestone becoming lighter grey with less stylolites and more veining - up to 3" calcite and siderite. More silty and quartzite interbeds with minor pyrite. | 2525 2550 | 55° 80° | | | | |
| 2573 | 2611 | 28.5 | 100 | Light grey limestone with some interbedded quartzite and calcareous siltstone. Some brecciated horizons (quartzite fragments in calcite) and much calcite, siderite and quartz veining | 2575 2600 | 68° 75° | | | | |

695027

~~W. L. YOUNG PTY. LIMITED~~

ALLSTATE EXPLORATIONS N.L.

026

PROJECT Beaconsfield Gold

D.D.H. No. 3II

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY C.J.

LOCATION _____

CORE SIZE BXWL

DATE FINISHED _____

DATE July, 1971

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. | | | | |
|--------|--------|------|--------|--|------------|--|--|--|--|
| 2720 | 2762 | 42 | 100 | <p>limestone band.</p> <p>At 2705' shearing at a steep angle to the core has transposed bedding and introduced chlorite pug material.</p> <p>Quartz and calcite veining is apparent.</p> <p>White grey blebby limestone predominates with carbon filled stylolites and black shale bands common.</p> <p>Crinoid horizons are common in coarse limestone bands with slight hematite staining especially at 2729.8' and 2741.5'.</p> <p>Dark grey quartz calcareous sandstone occurs to a lesser extent.</p> <p>Veining of calcite and quartz is present; intense veining occurs at 2755'.</p> | | | | | |
| 2762 | 2787.5 | 25.5 | 100 | <p>Dark grey quartz sandstone with black shale bands; carbonate content is minor. There are grey white limestone bands present often with a red hematite tinge. Quartz micro-veins and larger quartz calcite veins are apparent. Some bands are intermediate between limestone and a quartz calcareous sandstone.</p> | | | | | |
| 2787.5 | 2805 | 17.5 | 100 | <p>Blue grey limestone predominates over a light grey quartz calcareous sandstone. Calcite veining is frequent in the limestone. There is a section of heavy veining of quartz and calcite 2793' to 2795'.</p> | | | | | |

695028

W. L. YOUNG PTY. LIMITED

ALLSTATE EXPLORATIONS N.L.

PROJECT Beaconsfield GoldD.D.H. No. 3II

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY C.J.

LOCATION _____

CORE SIZE BXWL

DATE FINISHED _____

DATE July, 1971

027

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. | | | | | |
|--------|--------|------|--------|--|------------|--|--|--|--|--|
| 2805 | 2809 | 4 | 100 | Alternating limestone and black shale horizons with fossil fragments and small pyrite aggregates. | | | | | | |
| 2809 | 2863 | 54 | 100 | Dark to light grey quartz calcareous sandstone predominates over white grey bands of limestone. Black shale possibly graphite horizons are apparent and veining is slight. | | | | | | |
| 2863 | 2864.5 | 1.5 | 100 | Blue limestone with black carbon filled stylolites. | | | | | | |
| 2864.5 | 2886 | 21.5 | 100 | Dark to medium grey quartz calcareous sandstone with black shale horizons. Grey limestone bands have black carbonaceous stylolites. Veining of quartz and calcite is apparent. | | | | | | |
| 2886 | 2963 | 77 | 1000 | Black to dark grey quartz sandstone with a minor carbonate content, shaley in part, predominates over dark blue bands of limestone with black carbonaceous stylolite. Veings of quartz and calcite often have apparent sideritic particles. Some dark grey horizons are very carbonate rich and are intermediate between limestone and sandstone. Heavy quartz siderite veining at 2950. | | | | | | |
| 2963 | 2987 | 24 | 100 | Light to dark grey quartzite to quartz calcareous sandstone with carbonate rich zones which are intermediate between limestone and sandstone. Thin black shale horizons are present to a minor extent. Veining is slight and consists of quartz and siderite; micro-veining of quartz is also present. | | | | | | |

695029

~~WOLYOUNG PTX LIMITED~~ ALLSTATE EXPLORATIONS N.L.PROJECT Beaconsfield GoldD.D.H. No. 3IIATTITUDE _____
BXWL

DATE COMMENCED _____

LOGGED BY C.J.

LOCATION _____

CORE SIZE _____

DATE FINISHED _____

DATE July, 1971

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | | |
|------|------|-----|--------|--|------------|--|--|--|--|--|
| 2987 | 3004 | 17 | 100 | Black to dark grey quartz sandstone and shale horizons with minor calcareous content. Some carbonate bands present and some quartz, siderite calcite veining. | | | | | | |
| 3004 | 3039 | 35 | 100 | Predominantly a light to medium grey quartz calcareous sandstone, quartzitic in part. Some black and dark grey bands are present as are some grey white limestone horizons. The quartz siderite veining is slight. | | | | | | |
| 3039 | 3041 | 2 | 100 | Black fine-grained sandstone with minor calcareous content. Slight quartz siderite veining. | | | | | | |
| 3041 | 3065 | 24 | 100 | Dark grey quartz sandstone (or quartzite in places) with minor calcareous content and shaley in part. Grey white limestone bands occur to a minor extent and are shaley. Slight quartz siderite veining. | | | | | | |
| 3065 | 3078 | 13 | 100 | Black to dark grey quartz sandstone with little or no calcareous content. Shaley in part with some grey shaley limestone bands. Quartz siderite veining. | | | | | | |
| 3078 | 3093 | 15 | 100 | Dark grey to black quartz sandstone with minor calcareous content which is locally high in some limestone horizons. Shaley in part, slight quartz siderite veining. | | | | | | |
| 3093 | 3101 | 8 | 100 | Black to dark grey quartz sandstone with little or no calcareous | | | | | | |

695031

W. L. YOUNG PTY. LIMITED ALLSTATE EXPLORATIONS N.L.

PROJECT Beaconsfield Gold

C.J.

D.D.H. No. 311

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY _____

LOCATION _____

CORE SIZE BXWL

DATE FINISHED _____

July 1971

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. | | | | | |
|------|------|-----|--------|---|------------|--|--|--|--|--|
| 3168 | 3210 | 42 | 100 | Grey quartzite with minor calcareous content and quartz siderite veining. | | | | | | |
| 3210 | 3232 | 22 | 100 | Dark grey quartz sandstone with minor calcareous content; white grey bands of limestone, shaley in part are present. Slight veining of quartz, and quartz and siderite is present. | | | | | | |
| 3232 | 3248 | 16 | 100 | Grey brown to dark grey well-bedded quartz sandstone with varying calcareous content and in part shaley. Some horizons are extremely calcareous and veining is slight. | | | | | | |
| 3248 | 3263 | 15 | 100 | Grey brown quartz sandstone, quartzitic in part, with a minor calcareous content. Shale and shaley calcareous horizons are present. Veining is frequent and intense in localised areas forming vein networks of quartz and siderite and some veins of clear calcite. There are zones of brecciation where parts of the country rock have been included in zone and small scale displacement is evident beside it (ie. 3261 to 3262.5'). Clayey puggy zones are also present (ie. 3261). | | | | | | |
| 3263 | 3265 | 2 | 100 | Zone of brecciation with quartz, siderite and calcite and country rock material in a breccia network. | | | | | | |
| 3265 | 3268 | 3 | 30 | Grey quartzite with minor calcareous content and minor veining of quartz siderite and calcite. | | | | | | |

030

695032

~~W. J. YOUNG & P. Y. LIMITED~~ ALLSTATE EXPLORATIONS N.L.

031

PROJECT. Beaconsfield Gold

D.D.H. No. 3II

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY C.J.

LOCATION _____

CORE SIZE BXWL

DATE FINISHED _____

DATE July, 1971

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. | | | | |
|------|------|-----|--------|---|------------|--|--|--|--|
| 3268 | 3283 | 15 | 30 | Grey quartzite with little to no calcareous content. Veining of quartz siderite and calcite is heavy and several specs of sulphides were evident in some veins. This is a possible fault or shear zone due to the nature of adjacent rocks. | | | | | |
| 3283 | 3292 | 9 | 100 | Grey to dark grey quartzite with minor varying calcareous content; some calcareous bands present. Slightly shaley in part with siderite, and calcite veining. | | | | | |
| 3292 | 3320 | 28 | 100 | Black to dark grey shaley sandstone with minor calcareous content. Black shale bands common and some limestone bands present. Quartz siderite, and calcite veining present, heavy in places. | | | | | |
| 3320 | 3331 | 11 | 100 | Grey to dark grey quartzite with minor calcareous content. Shaley limestone bands present; veining of quartz siderite apparent. | | | | | |
| 3331 | 3354 | 23 | 100 | Interbedded dark grey quartzite with minor varying calcareous content, with grey white bands of limestone up to 1' thick. Some shale horizons apparent and veining of quartz siderite is present. | | | | | |
| 3354 | 3370 | 16 | 100 | Dark grey sandstone with a varying calcareous content, high in places. Shaley to a minor degree with veining of quartz siderite and calcite present. | | | | | |
| 3370 | 3381 | 11 | 100 | Grey to grey brown calcareous sandstone bordering on limestone in places with white grey limestone bands present. Quartz siderite and calcite veins present. | | | | | |

W. L. YOUNG & CO. LTD.

ALLSTATE EXPLORATIONS N.L.

695033

PROJECT Beaconsfield Gold

D.D.H. No. 311

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY C.J. 3

LOCATION _____

CORE SIZE BXWL

DATE FINISHED _____

DATE July, 1971

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | |
|--------|--------|-----|--------|---|------------|--|--|--|--|
| 3381 | 3388 | 7 | 100 | Dark grey to black quartzite with minor to no calcareous content; some horizons are very calcareous and border on limestone. Quartz siderite calcite veining present. | | | | | |
| 3388 | 3401 | 13 | 100 | Light grey to grey calcareous sandstone bordering on limestone in places. Grey white limestone bands present. Quartz siderite calcite veining. | | | | | |
| 3401 | 3401.8 | 0.3 | 100 | Conglomerate band with quartzitic pebbles and a calcareous matrix. Rounded particles up to 1/2" long. | | | | | |
| 3401.8 | 3406 | 4.7 | 100 | Dark grey quartz sandstone with little to no calcareous content; shaley in part with quartz siderite veining. | | | | | |
| 3406 | 3425 | 19 | 100 | Grey to dark grey sandstone with little or no calcareous content; Some shale and some calcareous horizons plus quartz siderite veining are present. | | | | | |
| 3425 | 3426 | 1 | 100 | Fossiliferous horizons (crinoid remains). Patchy grey shaley sandstone with minor calcareous content. Isolated 1/4" quartzite conglomerate pebbles present. | | | | | |
| 3427 | 3454 | 27 | 100 | Grey to light brown grey sandstone with minor calcareous content. Quartz siderite veining evident (strong at 3451'). | | | | | |
| 3454 | 3458 | 4 | 100 | Interbedded blue grey shaley limestone with grey brown shaley sandstone with minor calcareous content. Quartz siderite veining present. | | | | | |

695034

G04

W. L. YOUNG PTY. LIMITED

ALLSTATE EXPLORATIONS N.L.

Beaconsfield Gold

PROJECT

D.D.H. No. 311

ATTITUDE

DATE COMMENCED

LOGGED BY C.J.

LOCATION

CORE SIZE BXWL

DATE FINISHED

DATE July, 1971

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | | |
|--------|--------|-----|--------|---|------------|--|--|--|--|--|
| 3458 | 3483 | 25 | 100 | Predominantly a black quartzite with dark greyey brown shaley sandstone horizons present. Quartz siderite calcite veins present. Minor calcareous content in the shaley sandstone. | | | | | | |
| 3483 | 3487 | 4 | 100 | Grey to dark grey shaley sandstone with minor calcareous content; quartz siderite calcite veining. | | | | | | |
| 3487 | 3516 | .29 | 100 | Dark grey quartz sandstone with minor calcareous content. Conglomerate with minor calcareous content. Conglomerate particles (isolated) present to minor extent ($\frac{1}{2}$ " horizon at 3503'); quartz siderite calcite veining. | | | | | | |
| 3516 | 3528 | 12 | 100 | Dark grey sandstone with minor calcareous content, shaley in part, with isolated conglomerate pebbles and conglomerate horizons. Quartz siderite calcite veining. | | | | | | |
| 3528 | 3528.5 | 0.5 | 100 | Black shale horizon. | | | | | | |
| 3528.5 | 3530 | 1.5 | 100 | White grey conglomerate with quartzitic pebbles up to $\frac{1}{2}$ ". Matrix is quartzitic and calcareous. | | | | | | |
| | | | | END of this section of Hole 3. | | | | | | |
| | | | | Hole 3III to begin at approx. 2,100' level. | | | | | | |

W. L. YOUNG PTY. LIMITED

695035

035

PROJECT. BEACONSFIELD GOLD

D.D.H. No. 3III

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY E. R. LECKIE

LOCATION _____

CORE SIZE BXWL

DATE FINISHED _____

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | |
|-------------|-------------|------|--------|--|------------------------------|--------------------------|--|--|--|
| 2156' 2" | 2160' 4" | 4'2" | 100 | This hole was wedged off from Hole 3II from 2156'2" down hole, heading west. (N.Q. core). Blue-grey thinly bedded limestone showing no structural foliation with narrow interbedded carbonaceous dark grey shale. Thin calcite veins are present and the limestone has stylolites with carbonaceous coatings. | 2160 | 50° | | | |
| 2160' 4" | 2163' 4" | 3' | 100 | BXWL core. Limestone and slate as above. | | | | | |
| 2163' 4" | 2273' | 9'8" | 100 | Light grey thinly bedded limestone with dark grey carbonaceous shale. Minor pyrite and occasional thin calcite veins are present. The rock shows little variation except for shale content. | 2180 2200 2225 2250 | 45° 75° 80° 70° | | | |
| 2273 | 2318 | 45 | 100 | Light shaley limestone as above, with much siderite and calcite veining, 1 - 20 mm, commonly 3 - 10 mm with 2 veins 40 mm. Calcite veins generally parallel to bedding while the siderite veins cut the veins at an angle and some are displaced by movement along bedding planes. | 2275 2300 | 75° 73° | | | |
| 2318 | 2365 | 37 | 100 | Limestone as above but with very little veining except 2334 & 36' and 2363 - 64' | 2325 2350 | 65° 70° | | | |
| 2365 | 2378 | 13 | 100 | Limestone as above with some thin veins and very heavily stylolitized. | 2375 | 73° | | | |

W. L. YOUNG PTY. LIMITED

BEACONSFIELD GOLD

PROJECT

695036

030

D.D.H. No. 3111

ATTITUDE

DATE COMMENCED

LOGGED BY E.R. LECK

LOCATION

CORE SIZE BXWL

DATE FINISHED

DATE

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | |
|------|------|-----|--------|--|--------------|------------|--|--|--|
| 2378 | 2393 | 15 | 100 | Zone of light grey quartzite, brecciated with calcite and siderite veining, forming a rock consisting of quartzite fragments in a carbonate matrix. This has been caused by shearing. Some interbedded calcareous siltstone present. Minor pyrite occurs in this veins | | | | | |
| 2393 | 2418 | 25 | 100 | Heavily stylolitized grey limestone with some thin calcite/siderite veins | 2400 | 70° | | | |
| 2418 | 2429 | 11 | 100 | Light grey limestone with occasional thin shale interbeds. Some stylolites occasional fine grained pyrite crystals and some calcite/siderite veins. | 2425 | 53° | | | |
| 2429 | 2436 | 7 | 100 | Limestone as above with increase in shale and much siderite veining to 1". | | | | | |
| 2436 | 2520 | 84 | 100 | Limestone as above, but with more shale interbeds. Some sedimentary breccias - shale fragments in calcite matrix:- 2458 - 59; 2462.5' - 63; 2468 - 69', 2470.5 - 71'. Some siderite veins to 10 mm. | 2450 2475 | 55° 40° | | | |
| 2520 | 2554 | 34 | 100 | Limestone as above, but will decrease in shale content Well jointed with increase in stylolites - sedimentary breccias 2546' - 2546.5', 2548'6" - 49' | 2525 2550 | 80° 58° | | | |

W. L. YOUNG PTY. LIMITED

695037 037

PROJECT BEACONSFIELD GOLD

D.D.H. No. 3III ATTITUDE _____ DATE COMMENCED _____ LOGGED BY E. R. LECKIE
 LOCATION _____ CORE SIZE BXWL DATE FINISHED _____ DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | |
|------|------|-----|--------|--|--------------|------------|--|--|--|
| 2554 | 2601 | 47 | 100 | Light grey limestone, very stylolitic, with interbedded quartzites, ½" - 6" some of which are calcareous. General increase in calcite veining - 2 wide massive veins, 2563'6" - 64'9", 2577' - 78' | 2575 2600 | 82° 60° | | | |
| 2601 | 2620 | 19 | 85 | Light grey limestone with some calcareous shale and quartzite interbeds 1" - 6" and calcareous/quartzite siltstones. It is closely jointed and has a poorly developed foliation parallel to the bedding. Some core loss due to "grinding". | | | | | |
| 2620 | 2648 | 28 | 100 | Light grey limestone, sandy in part with calcareous siltstones and black shale. There is a weak foliation parallel to the bedding with some shearing and drag folding, especially in the shales. Minor calcareous greywacke beds ½" - 2½" are present. Shale is generally metamorphosed to a dark greenish phyllitic rock. | | | | | |
| 2648 | 2667 | 19 | 100 | Sediments similar to above but with an increase in shale content | 2650 | 70° | | | |
| 2667 | 2681 | 14 | 100 | Light grey sand-rich limestone with minor shale | 2675 | 50° | | | |
| 2681 | 2689 | 8 | 100 | Light grey sandy limestone with increase in shale content | | | | | |

W. L. YOUNG PTY. LIMITED

PROJECT. BEACONSFIELD GOLD

695038 038

D.D.H. No. 3III

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY. E.R. LECKIE

LOCATION _____

CORE SIZE BXWL

DATE FINISHED _____

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. | | | | |
|------|------|-----|--------|--|--------------|------------|--|--|--|
| 2689 | 2726 | 37 | 100 | Interbedded grey limestone, calcareous siltstones and sandstones with minor thin black shale. Occasional calcite and quartz veins and minor pyrite | 2700 2725 | 65° 60° | | | |
| 2726 | 2757 | 31 | 100 | Interbedded limestone, calcareous siltstones and sandstones with increasing shale content and occasional thin calcareous greyw aches | 2750 | 65° | | | |
| 2757 | 2760 | 3 | 100 | Light grey quartzite, closely jointed and fractured | | | | | |
| 2760 | 2768 | 8 | 100 | Light grey sandy limestone | 2768 | 62° | | | |

W. L. YOUNG PTY. LIMITED

PROJECT.....BEACONSFIELD GOLD

695039

039

D.D.H. No. 3III

ATTITUDE.....

DATE COMMENCED 13/6/72

LOGGED BY E.R. Leckie

LOCATION.....

CORE SIZE.....

DATE FINISHED.....

DATE 23/6/72

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. Footage | Core Angles | | | |
|-------|-------|-------|--------|--|-----------------------|-------------|------|--|--|
| | | | | | | Bed | Foln | | |
| | | | | Hole recommenced at 2768'. | | | | | |
| 2768' | 2776 | 8' | 100 | Light greenish-grey quartzite with thin (1-5mm) shale interbeds foliation parallel to bedding, the quartzite has minor calcite cement. | 2770 | 65° | | | |
| 2776 | 2796 | 30 | 100 | A pale grey-white stylolitic limestone, occurring as beds up to 1' thick, with interbedded dark blue-green shale and greenish-grey quartzite | | | | | |
| | | | | 2785'-2791' - very broken | | | | | |
| 2796 | 2799 | 3 | 100 | Massive light green-grey quartzite with very minor calcite | | | | | |
| 2799 | 2810 | 11 | 100 | Interbedded calcareous light green-grey quartzite and pale grey limestone, beds to 15 cm. | 2800 | 65° | | | |
| 2810 | 2811' | 1'6" | 100 | Grey-black shale, thinly bedded with some thin limestone bands. | | | | | |
| 2811' | 2823 | 11'6" | 100 | Dominantly a light greenish quartzite with some limestone interbeds 2-15cm, with thin shale beds. | | | | | |
| | | | | Quartzite generally lime poor. | | | | | |
| 2823 | 2825 | 2' | 100 | Massive pale grey limestone with minor thin shale beds | 2825 | 70° | | | |
| 2825 | 2880 | 55 | 100 | Dominantly a bluish grey sandy limestone with silt, shale and grey quartzite interbeds 2-100 m.m. occasional thin siderite veins, especially in the quartzite. | 2850 2875 | 70° 75° | | | |
| 2880 | 2914' | 1'6" | 100 | Blue-grey silty limestone with thin shale interbeds, only minor quartzite. Some broken zones, 2894-98, 2907-09 | 2900 | 75° | | | |
| 2914' | 2925 | 10'6" | 100 | Dominantly a blue grey massive quartzite, with only occasional thin limestone and shale beds | 2925 | 72° | | | |
| 2925 | 2953 | 28 | 100 | Interbedded dark grey-black shale and blue-grey lime poor quartzite with only very minor thin limestone beds | 2950 | 65° | | | |
| 2953 | 2954 | 1 | 100 | Blue-grey quartzite with much siderite veining. | | | | | |
| | | | | 2953'9"-54' - quartzite breccia cemented with siderite | | | | | |

W. L. YOUNG PTY. LIMITED

695040 040

PROJECT BEACONSFIELD GOLD

D.D.H. No. 3 III

ATTITUDE

DATE COMMENCED

LOGGED BY E.R. Leckie

LOCATION

CORE SIZE

DATE FINISHED

DATE 30/6/72

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. Footage | Core Bed | Angles Foln | | |
|------|------|------|--------|--|-----------------------|-------------|----------------|--|--|
| 2954 | 2999 | 45 | 100 | Dominantly a blue-grey quartzite with some thin siderite veins, but generally lime poor. Occasional thin silty beds. Some calcareous sandstone, 2977-80, 288-90, but generally decreasing downwards. | 2975 | 67° | | | |
| 2999 | 3016 | 17 | 100 | Blue-grey quartzite with an increase in shale interbeds, minor siderite and quartz veining. Occasional thin (less than 2cm) limestone beds. | 3000 | 70° | | | |
| 3016 | 3050 | 34 | 100 | Dominantly a blue-grey massive quartzite with minor shale. Broken zone 3026-30 At 3040' and 42', thin (2 cm) limestone bands. Thin films of pyrite present on some joint planes. | 3025 3050 | 67° 70° | | | |
| 3050 | 3058 | 8 | 100 | Blue-grey quartzite with increase in silt, and limestone content. | | | | | |
| 3058 | 3063 | 5 | 40 | Quartzite as above with more limestone and silt. 8ft. of core lost by grinding due to inner tube not seating. | | | | | |
| 3063 | 3079 | 16 | 100 | Interbedded blue-grey limey siltstones, shales with some quartzite | 3075 | 70° | | | |
| 3079 | 3084 | 6" 5 | 100 | Blue-grey quartzite, lime poor, but with some thin siderite veins | | | | | |
| 3084 | 3093 | 8.5 | 100 | Dominantly a calcareous shale, with interbedded siltstone and lime - free quartzite, - the calcareous shale grades into shaley limestone. | | | | | |
| 3093 | 3097 | 4 | 100 | Massive grey quartzite with very little siltstone and shale | | | | | |
| 3097 | 3100 | 3 | 100 | Interbedded calcareous shale, siltstone and quartzite | 3100 | 68° | | | |
| 3100 | 3106 | 6 | 100 | Dominantly grey quartzite with minor interbedded siltstone and shale | | | | | |
| 3106 | 3107 | 1 | 10 | Grey quartzite. Cone loss due to grinding as inner tube did not seat. | | | | | |
| 3107 | 3118 | 11 | 100 | Dominantly grey quartzite, calcite-free, with minor interbedded shale and calcareous siltstone. | | | | | |
| 3118 | 3127 | 9 | 100 | Interbedded calcareous siltstone and shale with some quartzite | 3125 | 68° | | | |
| 3127 | 3136 | 9 | 67 | As above but increase in quartzite - 3' cone lost by grinding | | | | | |
| 3136 | 3141 | 5 | 100 | Interbedded quartzite, calcareous siltstone and shale | | | | | |
| 3141 | 3145 | 4 | 25 | As above, 3' cone lost due to grinding | | | | | |
| 3145 | 3161 | 16 | 100 | Dominantly a grey quartzite with interbedded shale beds from 1-100mm | 3150 | 67° | | | |

W. L. YOUNG PTY. LIMITED

695041

041

PROJECT BEACONSFIELD GOLD

D.D.H. No. 3 III

ATTITUDE

DATE COMMENCED

LOGGED BY E.R. Leckie

LOCATION

CORE SIZE

DATE FINISHED

DATE 30/6/72

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. Footage | Core Angles | | | | |
|--------|--------|-----|--------|---|-----------------------|-------------|------|--|--|--|
| | | | | | | Bed | Foin | | | |
| | | | | but generally 1-5mm cross-bedding and other sedimentary structures present. Calcite content varies, but is generally low. | | | | | | |
| 3161 | 3164 | 3 | 100 | Blue-grey massive quartzite with minor shale. | | | | | | |
| 3164 | 3165 | 1 | 100 | Interbedded calcareous shale and siltstone. | | | | | | |
| 3165 | 3176.5 | 11 | 100 | Finely interbedded grey quartzite, black shale and grey calcareous siltstone. Some thicker (3") quartzite beds. | 3175 | 68° | | | | |
| 3176.5 | 3178 | 1.5 | 100 | Pale grey limestone with some interbedded siltstone. | | | | | | |
| 3178 | 3201 | 23 | 100 | A greenish grey fine grained quartzite with only minor calcite and no shale. | 3200 | 70° | | | | |
| 2301 | 3223 | 22 | 100 | Greenish grey quartzite with increasing calcite content, ranging up to a calcite-cemented silting sandstone, minor shale present. | | | | | | |
| 3223 | 3234 | 11 | 100 | Fine grained grey quartzite with only minor calcite. Occasional thin shale beds. | 3225 | 68° | | | | |
| 3234 | 3237 | 3 | 100 | Interbedded grey quartzite, black shale and pale grey calcareous siltstone. Beds 1-20 mm thick. | | | | | | |
| 3237 | 3242 | 5 | 100 | Dominantly pale grey sandy limestone in beds up to 6" thick with interbedded calcareous quartzite and shale. | | | | | | |
| 3242 | 3250 | 8 | 100 | Calcareous quartzite with thin limestone and shale beds | 3250 | 67° | | | | |
| 3250 | 3257 | 7 | 43 | As above with some quartz veining. 4' core lost by grinding due to inner tube not seating. | | | | | | |
| 3257 | 3270 | 13 | 100 | Dominantly a pale grey stylolitic limestone with interbedded grey-black shale and greenish-grey calcareous quartzite. | | | | | | |
| 3270 | 3276 | 6 | 100 | Limestone beds - 1"-10", quartzite - 1/2"-5", shale 1mm-10mm. | 3275 | 70° | | | | |
| 3276 | 3290 | 14 | 100 | Greenish grey calcareous quartzite Thinly interbedded pale grey limestone, greenish grey calcareous quartzite and dark green shale. Limestone beds - 2-10mm, but up to 40mm Quartzite beds - 2-10 mm Shale beds - 1-10mm. | | | | | | |

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695042 042

PROJECT BEACONSFIELD GOLD

D.D.H. No. 3 III

ATTITUDE

DATE COMMENCED

LOGGED BY E.R. Leckie

LOCATION

CORE SIZE

DATE FINISHED

DATE 30/6/72

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE No. Footage | Core Angles | | | |
|--------|--------|------|--------|---|-----------------------|-------------|------|--|--|
| | | | | | | Bed | Foln | | |
| 3290 | 3301 | 11 | 100 | Pale grey stylolitic limestone with some thin dark green shale interbeds, often showing cross-bedding, and some thin calcareous quartzite beds. | 3300 | 65° | | | |
| 3301 | 3317 | 16 | 100 | Interbedded calcareous quartzite, sandy limestone, massive limestone and minor shale. | | | | | |
| 3317 | 3326 | 9 | 100 | Massive grey quartzite with calcite content varying greatly. Some thin quartz veins. | 3320 | 65° | | | |
| 3326 | 3352 | 26 | 100 | Massive imbedded quartzite as above, but generally closely jointed giving "broken zones", shows indications of fracturing due to faulting - core/fracture angles 10° - 40° varying. Some quartz and quartz/calcite veining. | | | | | |
| 3352 | 3354 | 2 | 75 | Broken quartzite with some sleaved clay rich material "pug". Core lost by washing. | 3353 | | 35° | | |
| 3354 | 3358 | 4 | 25 | Quartzite as above. Core lost due to grinding as inner tube did not seat. | | | | | |
| 3358 | 3370 | 12 | 100 | Quartzite as above, but broken to a varying degree. | | | | | |
| 3370 | 3379 | 9 | 100 | Quartzite as above, very much broken and sleaved with some clay "pug". | 3376 | | 30° | | |
| | | | | The above section 3352'-79' obviously represents a fault, probably vertical and past-one | | | | | |
| 3379 | 3389 | 10 | 100 | Quartzite as above, but fairly massive and unjointed | | | | | |
| 3389 | 3390.5 | 1.5 | 100 | Limestone with some interbedded quartzite. | | | | | |
| 3390.5 | 3391 | 0.5 | 100 | Sheared clay-rich material. | | | | | |
| 3391 | 3402.5 | 11.5 | 100 | Quartzite - jointed but not broken, with much thin quartz veining due to minor brecciation. This fracturing is obviously earlier than the above fault as there is much mobilisation of the quartz. | | | | | |

W. L. YOUNG PTY. LIMITED

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043

PROJECT BEACONSFIELD GOLD

D.D.H. No. 3 III

ATTITUDE

DATE COMMENCED

LOGGED BY E.R. Leckie

LOCATION

CORE SIZE

DATE FINISHED

DATE 7/7/72

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. Footage | Core Bed | Angles Foln | | | |
|--------|--------|-----|--------|--|-----------------------|-------------|----------------|--|--|--|
| 3402.5 | 3402.7 | 0.2 | 100 | Conglomerate bed - rounded elongate quartz pebbles up to 20 mm long in a quartzite matrix. | | | | | | |
| 3402.7 | 3412 | 9.3 | 100 | Light grey quartzite, calcareous and containing quartz veins. | | | | | | |
| | | | | Limestone bed 3406.5 - 3407. | | | | | | |
| 3412 | 3414 | 2 | 100 | Grey quartzite with much calcite. | | | | | | |
| 3414 | 3443 | 29 | 100 | Massive quartzite - some calcite present, also quartz/calcite/siderite veins. | 3425 | 80° | | | | |
| 3443 | 3444 | 1 | 100 | Pale grey limestone. | | | | | | |
| 3444 | 3452 | .8 | 100 | Massive grey calcite - poor quartzite. | | | | | | |
| 3452 | 3454 | 2 | 100 | Grit bed - quartz fragments, 2-4 mm with thin shale interbeds. | 3453 | 80° | | | | |
| 3454 | 3469 | 15 | 100 | Massive quartzite, brecciated to a minor degree as shown by thin quartz veining, with several thin breccia beds. Angular quartzite fragments in a quartz/calcite cement. | | | | | | |
| 3469 | 3472 | 3 | 33 | Quartzite as above - core loss due to grinding when inner tube did not seat. | | | | | | |
| 3472 | 3473 | 1 | 100 | Quartzite as above, with some interbedded shale. | | | | | | |
| 3473 | 3487 | 14 | 100 | Quartzite as above, but with only minor veining and no shale, some thin pyrite films on joint planes | | | | | | |
| 3487 | 3489 | 2 | 50 | Quartzite as above. Core loss by grinding. | | | | | | |
| 3489 | 3497 | 8 | 100 | Quartzite as above, but with more quartz veining. | | | | | | |
| 3497 | 3507 | 10 | 100 | A brecciated quartzite with much thick quartz veining which forms 50% approx. of . Some calcite present and no sulphides. | | | | | | |
| | | | | 3506' - solution cavity 1/4". Carbonates dissolved out. Some evidence of shearing on both footwall and hanging wall. | | | | | | |
| | | | | Fractured zones on 3497-7'6" and 3506-07'. | | | | | | |
| 3507 | 3529 | 22 | 100 | Massive grey quartzite, shares some brecciation and quartz veining, occasional gritty bands. | | | | | | |
| 3529 | 3531 | 2 | 100 | Massive grey quartzite with more grit and some pebbles, increasing downwards. | | | | | | |

W. L. YOUNG PTY. LIMITED

695044

044

PROJECT BEACONSFIELD GOLD

D.D.H. No. 3 III

ATTITUDE

DATE COMMENCED

LOGGED BY E.R. Leckie

LOCATION

CORE SIZE

DATE FINISHED

DATE 7/7/72

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | Core | Angles | | |
|-------|------|-----|--------|--|------------|------|--------|--|--|
| | | | | | Footage | Bed | Foln | | |
| -3531 | 3538 | 9' | 100 | Massive grey-white conglomerate, consists of rounded quartz and some quartzite pebbles in a matrix of quartz with some calcite/siderite pebbles varying in grain size from 2-20 mm, but generally 3-7 mm. It is jointed with some pyrite on joint planes, and some quartz veining. The contact with the overlying quartzite shows some shearing. | | | | | |

W. L. YOUNG PTY. LIMITED

695045

045

PROJECT _____

D.D.H. No. 3III

ATTITUDE _____

DATE COMMENCED _____

LOGGED BY _____

LOCATION BEACONSFIELD

CORE SIZE _____

DATE FINISHED _____

DATE _____

| FROM | TO | CUT | REC. % | DESCRIPTION | SAMPLE NO. | | | | | |
|------|------|-----|--------|---|------------|--|--|--|--|--|
| 3538 | 3539 | 1 | 60 | Quartzite | | | | | | |
| 3539 | 3547 | 8 | 100 | Alternating sequence of quartzite and coarse conglomerate | | | | | | |
| 3547 | 3548 | 1 | 100 | Grey quartzite cut by white quartz vein (½" wide) | | | | | | |
| 3548 | 3561 | 13 | 100 | Coarse conglomerate | | | | | | |
| 3561 | 3563 | 2 | 100 | Grey wacke, with minor specks of pyrite | | | | | | |
| 3563 | 3569 | 5 | 90 | Grey wacke - conglomerate | | | | | | |
| 3569 | 3578 | 4 | 60 | Grey wacke - conglomerate | | | | | | |
| 3578 | 3579 | 1 | 100 | Grey wacke - conglomerate | | | | | | |
| 3579 | 3581 | 2 | 100 | Grey quartzite, brecciated in part and cut by quartz veins | | | | | | |
| 3581 | 3598 | 17 | 100 | Alternating sequence of quartzite and conglomerate with blue-green staining (Cu - staining ?). Minor amounts of pyrite. | | | | | | |
| 3598 | 3620 | 22 | 100 | Black quartzite with occasional layers of conglomerate with a few quartz veins | | | | | | |
| 3620 | 3640 | 20 | 100 | Grey quartzite cut by a few quartz veins. Blue-green staining (Cu staining ?). | | | | | | |
| 3640 | 3654 | 14 | 90 | Grey quartzite, broken ground. | | | | | | |
| 3654 | 3675 | 21 | 50 | Highly shattered quartzite and conglomerate, cut by quartz and calcite veins. | | | | | | |
| 3675 | 3703 | 28 | 100 | Coarse conglomerate. | | | | | | |
| 3703 | 3790 | 87 | 100 | Alternating sequence of black quartzite and coarse conglomerate - Cabbage Tree Formation. | | | | | | |