

AURA AND AURA 2

Mineral Prospect at

Leechtown, British Columbia

VICTORIA MINING DIVISION.

N.T.S. 92B/5E

Lat.  $48^{\circ}29'N$  Long.  $123^{\circ}41'W$

FILMED

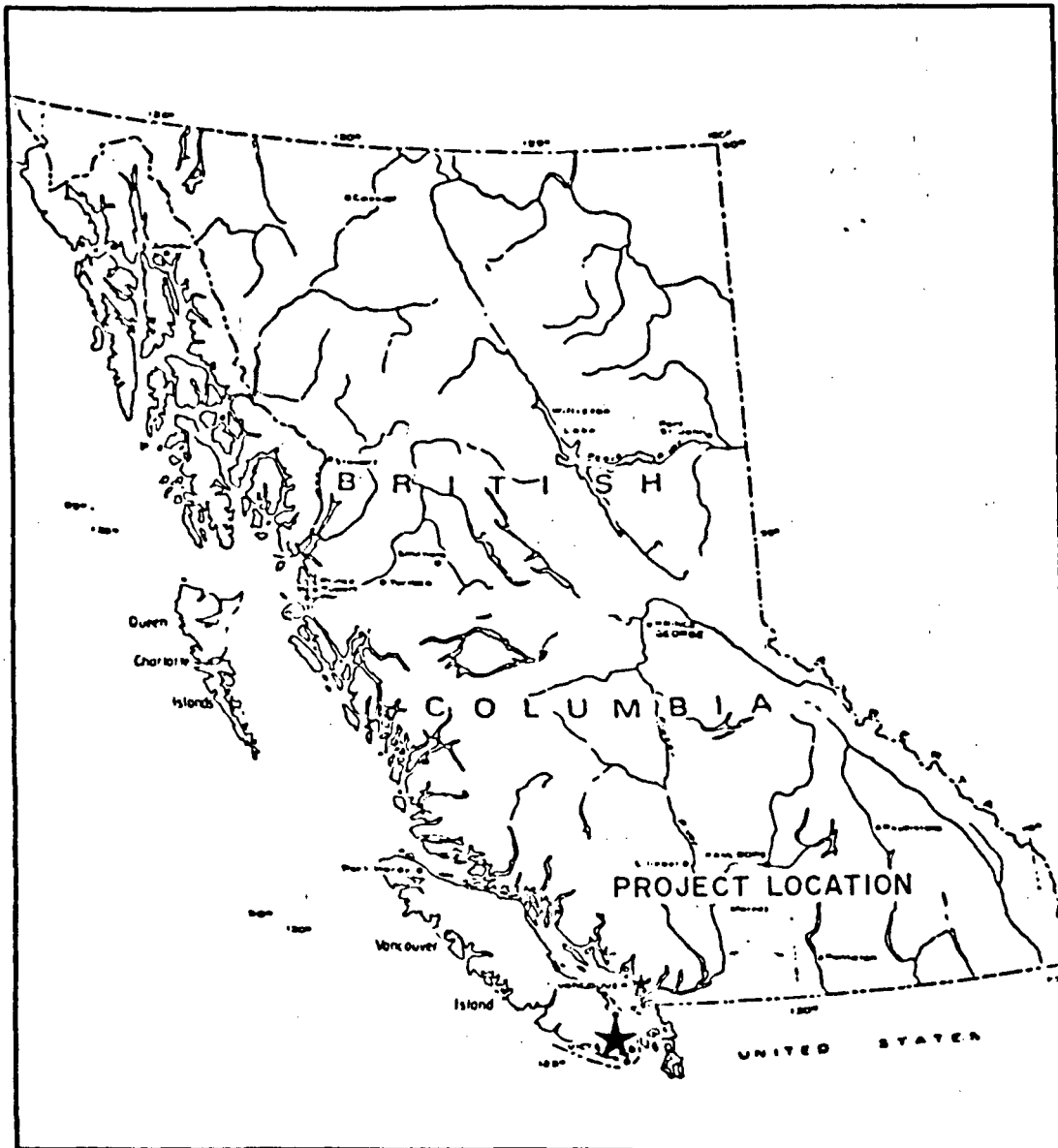
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

14,552

By Lewis Krutt

## TABLE OF CONTENTS

	<u>Page</u>
1. Introduction	
1.1 Location and Access	3
1.2 Property	3
1.3 History	3
1.4 Geology	4
1.5 Mineralization	6
1.6 Summary of Work Done	6
2. Outcrop Sampling	
2.1 Sample Location	9
2.2 Interpretation	9
2.3 Conclusion	10
2.4 Recommendations	11
3. Bibliography	13
Annex #1: Statement of Expenditures	14
Annex #2: Affidavit	15
Annex #3: Statement of Qualifications	16
4. Figures	
Figure #1: Location Map	2
Figure #2: Claim Map	5
Figure #3: Outcrop Sample Location and Results	17-17A
Figure #4: Assays	18



L. KNOTT	
Leechtown Project	
FIGURE 1	N.T.S. 92/B5E
AURA AND AURA 2	
<b>LOCATION MAP</b>	
Km 200 0 200 400 600 Km	
SCALE: 1:12 500 000 Approx.	
DATE: OCT 6 / 85	DRAWN BY: L. KNOTT

## 1. INTRODUCTION

### 1.1 Location and Access:

The Aura and Aura 2 claim groups are located at a place called Leechtown in the Sooke Hills. The claims cross the Old Wolf Creek and Sooke River. The coordinates of the area are: Latitude - 70°, Longitude - 50° 40' N.T.S. map, 92B5, Victoria Mining District. The terrain is rugged with the odd plateau area. Some old logging roads are present.

### 1.2 Property:

The property is covered by the following group of claims which are grouped:

<u>Claims Name</u>	<u>Records Number</u>	<u>Due Date</u>
Aura	1011	JULY 6/85
Aura 1	1012	JULY 6/85

### 1.3 History:

In the Leechtown area, placer gold deposits were discovered in the 1860's. Considerable gold was mined by placer operations on a small scale with only the odd commercial operation.

Recently with the increase in the price of gold more interest has been shown in both placer deposits and hardrock deposits. Numerous attempts have been made to find economic deposits for both placer and hardrock, but little field work has been done in this area on the ground because of a former E & N land grant and restrictions on metals.

In 1967 White & Associates, Geologists, did an aerial born geomag survey over some areas and a geochemical survey in one area where our claims are now located. They were working for one of the C.P.R., ENN Companies, C.P.O.G. Several high mag readings were recorded and one geochem prospect done. C.P.O.G. dropped this area subsequently.

#### 1.4 Geology:

In general this property is made up of extensive Metchosin volcanics. Layered along side one another are basalt lava flows of ribbon chert, cherty argillite, chlorite schist and strong layers of tertiary deposits of quartz diorite, quartz monzonite, and granite, granodirite. In places there are some formations of andisite basalt flows.

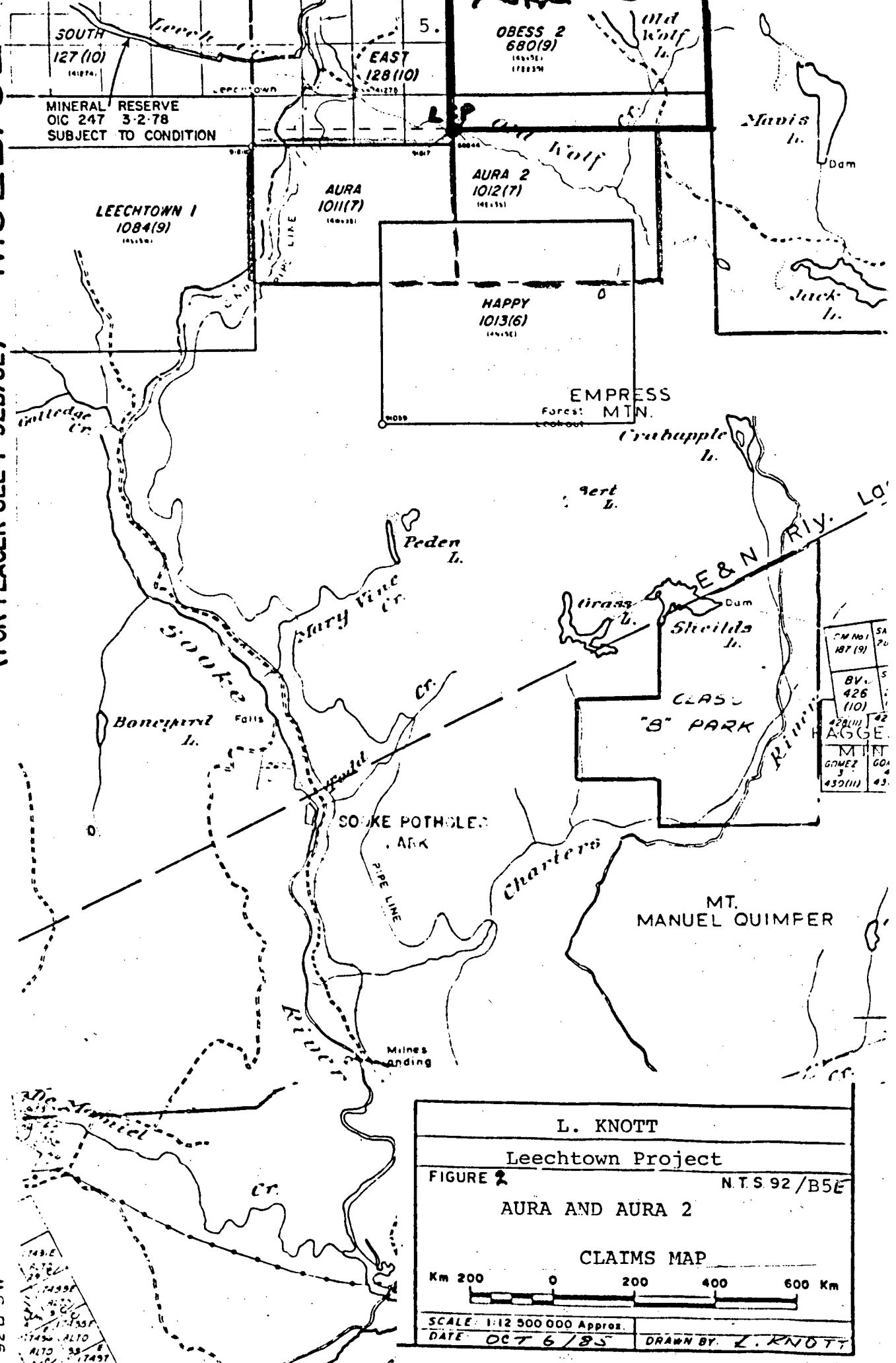
A stranger in these layers is a highly discoloured quartz amphibolite intrusive varying from small patches to larger, dark brown to black mineral-filled blotches.

48°30'  
M92B/5E

(FOR PLACER SEE P 92B/5E)

5

4



CM No 1	5A
187 (9)	70
BV.	5
426	
(10)	
428(11)	42
AGG E.	
MIN	
GOMEZ	60A
3	
432(11)	43

L. KNOTT	
Leechtown Project	
FIGURE 2	N.T.S 92/B5E
AURA AND AURA 2	
CLAIMS MAP	
Km 200 0 200 400 600 Km	
SCALE: 1:12 500 000 Approx.	
DATE: OCT 6 / 85	DRAWN BY: L. KNOTT

92B/5E  
 143.2  
 143.5  
 143.8  
 144.1  
 144.4  
 144.7  
 145.0  
 145.3  
 145.6  
 145.9  
 146.2  
 146.5  
 146.8  
 147.1  
 147.4  
 147.7  
 148.0  
 148.3  
 148.6  
 148.9  
 149.2  
 149.5  
 149.8  
 150.1  
 150.4  
 150.7  
 151.0  
 151.3  
 151.6  
 151.9  
 152.2  
 152.5  
 152.8  
 153.1  
 153.4  
 153.7  
 154.0  
 154.3  
 154.6  
 154.9  
 155.2  
 155.5  
 155.8  
 156.1  
 156.4  
 156.7  
 157.0  
 157.3  
 157.6  
 157.9  
 158.2  
 158.5  
 158.8  
 159.1  
 159.4  
 159.7  
 160.0  
 160.3  
 160.6  
 160.9  
 161.2  
 161.5  
 161.8  
 162.1  
 162.4  
 162.7  
 163.0  
 163.3  
 163.6  
 163.9  
 164.2  
 164.5  
 164.8  
 165.1  
 165.4  
 165.7  
 166.0  
 166.3  
 166.6  
 166.9  
 167.2  
 167.5  
 167.8  
 168.1  
 168.4  
 168.7  
 169.0  
 169.3  
 169.6  
 169.9  
 170.2  
 170.5  
 170.8  
 171.1  
 171.4  
 171.7  
 172.0  
 172.3  
 172.6  
 172.9  
 173.2  
 173.5  
 173.8  
 174.1  
 174.4  
 174.7  
 175.0  
 175.3  
 175.6  
 175.9  
 176.2  
 176.5  
 176.8  
 177.1  
 177.4  
 177.7  
 178.0  
 178.3  
 178.6  
 178.9  
 179.2  
 179.5  
 179.8  
 180.1  
 180.4  
 180.7  
 181.0  
 181.3  
 181.6  
 181.9  
 182.2  
 182.5  
 182.8  
 183.1  
 183.4  
 183.7  
 184.0  
 184.3  
 184.6  
 184.9  
 185.2  
 185.5  
 185.8  
 186.1  
 186.4  
 186.7  
 187.0  
 187.3  
 187.6  
 187.9  
 188.2  
 188.5  
 188.8  
 189.1  
 189.4  
 189.7  
 190.0  
 190.3  
 190.6  
 190.9  
 191.2  
 191.5  
 191.8  
 192.1  
 192.4  
 192.7  
 193.0  
 193.3  
 193.6  
 193.9  
 194.2  
 194.5  
 194.8  
 195.1  
 195.4  
 195.7  
 196.0  
 196.3  
 196.6  
 196.9  
 197.2  
 197.5  
 197.8  
 198.1  
 198.4  
 198.7  
 199.0  
 199.3  
 199.6  
 199.9  
 200.2  
 200.5  
 200.8  
 201.1  
 201.4  
 201.7  
 202.0  
 202.3  
 202.6  
 202.9  
 203.2  
 203.5  
 203.8  
 204.1  
 204.4  
 204.7  
 205.0  
 205.3  
 205.6  
 205.9  
 206.2  
 206.5  
 206.8  
 207.1  
 207.4  
 207.7  
 208.0  
 208.3  
 208.6  
 208.9  
 209.2  
 209.5  
 209.8  
 210.1  
 210.4  
 210.7  
 211.0  
 211.3  
 211.6  
 211.9  
 212.2  
 212.5  
 212.8  
 213.1  
 213.4  
 213.7  
 214.0  
 214.3  
 214.6  
 214.9  
 215.2  
 215.5  
 215.8  
 216.1  
 216.4  
 216.7  
 217.0  
 217.3  
 217.6  
 217.9  
 218.2  
 218.5  
 218.8  
 219.1  
 219.4  
 219.7  
 220.0  
 220.3  
 220.6  
 220.9  
 221.2  
 221.5  
 221.8  
 222.1  
 222.4  
 222.7  
 223.0  
 223.3  
 223.6  
 223.9  
 224.2  
 224.5  
 224.8  
 225.1  
 225.4  
 225.7  
 226.0  
 226.3  
 226.6  
 226.9  
 227.2  
 227.5  
 227.8  
 228.1  
 228.4  
 228.7  
 229.0  
 229.3  
 229.6  
 229.9  
 230.2  
 230.5  
 230.8  
 231.1  
 231.4  
 231.7  
 232.0  
 232.3  
 232.6  
 232.9  
 233.2  
 233.5  
 233.8  
 234.1  
 234.4  
 234.7  
 235.0  
 235.3  
 235.6  
 235.9  
 236.2  
 236.5  
 236.8  
 237.1  
 237.4  
 237.7  
 238.0  
 238.3  
 238.6  
 238.9  
 239.2  
 239.5  
 239.8  
 240.1  
 240.4  
 240.7  
 241.0  
 241.3  
 241.6  
 241.9  
 242.2  
 242.5  
 242.8  
 243.1  
 243.4  
 243.7  
 244.0  
 244.3  
 244.6  
 244.9  
 245.2  
 245.5  
 245.8  
 246.1  
 246.4  
 246.7  
 247.0  
 247.3  
 247.6  
 247.9  
 248.2  
 248.5  
 248.8  
 249.1  
 249.4  
 249.7  
 250.0  
 250.3  
 250.6  
 250.9  
 251.2  
 251.5  
 251.8  
 252.1  
 252.4  
 252.7  
 253.0  
 253.3  
 253.6  
 253.9  
 254.2  
 254.5  
 254.8  
 255.1  
 255.4  
 255.7  
 256.0  
 256.3  
 256.6  
 256.9  
 257.2  
 257.5  
 257.8  
 258.1  
 258.4  
 258.7  
 259.0  
 259.3  
 259.6  
 259.9  
 260.2  
 260.5  
 260.8  
 261.1  
 261.4  
 261.7  
 262.0  
 262.3  
 262.6  
 262.9  
 263.2  
 263.5  
 263.8  
 264.1  
 264.4  
 264.7  
 265.0  
 265.3  
 265.6  
 265.9  
 266.2  
 266.5  
 266.8  
 267.1  
 267.4  
 267.7  
 268.0  
 268.3  
 268.6  
 268.9  
 269.2  
 269.5  
 269.8  
 270.1  
 270.4  
 270.7  
 271.0  
 271.3  
 271.6  
 271.9  
 272.2  
 272.5  
 272.8  
 273.1  
 273.4  
 273.7  
 274.0  
 274.3  
 274.6  
 274.9  
 275.2  
 275.5  
 275.8  
 276.1  
 276.4  
 276.7  
 277.0  
 277.3  
 277.6  
 277.9  
 278.2  
 278.5  
 278.8  
 279.1  
 279.4  
 279.7  
 280.0  
 280.3  
 280.6  
 280.9  
 281.2  
 281.5  
 281.8  
 282.1  
 282.4  
 282.7  
 283.0  
 283.3  
 283.6  
 283.9  
 284.2  
 284.5  
 284.8  
 285.1  
 285.4  
 285.7  
 286.0  
 286.3  
 286.6  
 286.9  
 287.2  
 287.5  
 287.8  
 288.1  
 288.4  
 288.7  
 289.0  
 289.3  
 289.6  
 289.9  
 290.2  
 290.5  
 290.8  
 291.1  
 291.4  
 291.7  
 292.0  
 292.3  
 292.6  
 292.9  
 293.2  
 293.5  
 293.8  
 294.1  
 294.4  
 294.7  
 295.0  
 295.3  
 295.6  
 295.9  
 296.2  
 296.5  
 296.8  
 297.1  
 297.4  
 297.7  
 298.0  
 298.3  
 298.6  
 298.9  
 299.2  
 299.5  
 299.8  
 300.1  
 300.4  
 300.7  
 301.0  
 301.3  
 301.6  
 301.9  
 302.2  
 302.5  
 302.8  
 303.1  
 303.4  
 303.7  
 304.0  
 304.3  
 304.6  
 304.9  
 305.2  
 305.5  
 305.8  
 306.1  
 306.4  
 306.7  
 307.0  
 307.3  
 307.6  
 307.9  
 308.2  
 308.5  
 308.8  
 309.1  
 309.4  
 309.7  
 310.0  
 310.3  
 310.6  
 310.9  
 311.2  
 311.5  
 311.8  
 312.1  
 312.4  
 312.7  
 313.0  
 313.3  
 313.6  
 313.9  
 314.2  
 314.5  
 314.8  
 315.1  
 315.4  
 315.7  
 316.0  
 316.3  
 316.6  
 316.9  
 317.2  
 317.5  
 317.8  
 318.1  
 318.4  
 318.7  
 319.0  
 319.3  
 319.6  
 319.9  
 320.2  
 320.5  
 320.8  
 321.1  
 321.4  
 321.7  
 322.0  
 322.3  
 322.6  
 322.9  
 323.2  
 323.5  
 323.8  
 324.1  
 324.4  
 324.7  
 325.0  
 325.3  
 325.6  
 325.9  
 326.2  
 326.5  
 326.8  
 327.1  
 327.4  
 327.7  
 328.0  
 328.3  
 328.6  
 328.9  
 329.2  
 329.5  
 329.8  
 330.1  
 330.4  
 330.7  
 331.0  
 331.3  
 331.6  
 331.9  
 332.2  
 332.5  
 332.8  
 333.1  
 333.4  
 333.7  
 334.0  
 334.3  
 334.6  
 334.9  
 335.2  
 335.5  
 335.8  
 336.1  
 336.4  
 336.7  
 337.0  
 337.3  
 337.6  
 337.9  
 338.2  
 338.5  
 338.8  
 339.1  
 339.4  
 339.7  
 340.0  
 340.3  
 340.6  
 340.9  
 341.2  
 341.5  
 341.8  
 342.1  
 342.4  
 342.7  
 343.0  
 343.3  
 343.6  
 343.9  
 344.2  
 344.5  
 344.8  
 345.1  
 345.4  
 345.7  
 346.0  
 346.3  
 346.6  
 346.9  
 347.2  
 347.5  
 347.8  
 348.1  
 348.4  
 348.7  
 349.0  
 349.3  
 349.6  
 349.9  
 350.2  
 350.5  
 350.8  
 351.1  
 351.4  
 351.7  
 352.0  
 352.3  
 352.6  
 352.9  
 353.2  
 353.5  
 353.8  
 354.1  
 354.4  
 354.7  
 355.0  
 355.3  
 355.6  
 355.9  
 356.2  
 356.5  
 356.8  
 357.1  
 357.4  
 357.7  
 358.0  
 358.3  
 358.6  
 358.9  
 359.2  
 359.5  
 359.8  
 360.1  
 360.4  
 360.7  
 361.0  
 361.3  
 361.6  
 361.9  
 362.2  
 362.5  
 362.8  
 363.1  
 363.4  
 363.7  
 364.0  
 364.3  
 364.6  
 364.9  
 365.2  
 365.5  
 365.8  
 366.1  
 366.4  
 366.7  
 367.0  
 367.3  
 367.6  
 367.9  
 368.2  
 368.5  
 368.8  
 369.1  
 369.4  
 369.7  
 370.0  
 370.3  
 370.6  
 370.9  
 371.2  
 371.5  
 371.8  
 372.1  
 372.4  
 372.7  
 373.0  
 373.3  
 373.6  
 373.9  
 374.2  
 374.5  
 374.8  
 375.1  
 375.4  
 375.7  
 376.0  
 376.3  
 376.6  
 376.9  
 377.2  
 377.5  
 377.8  
 378.1  
 378.4  
 378.7  
 379.0  
 379.3  
 379.6  
 379.9  
 380.2  
 380.5  
 380.8  
 381.1  
 381.4  
 381.7  
 382.0  
 382.3  
 382.6  
 382.9  
 383.2  
 383.5  
 383.8  
 384.1  
 384.4  
 384.7  
 385.0  
 385.3  
 385.6  
 385.9  
 386.2  
 386.5  
 386.8  
 387.1  
 387.4  
 387.7  
 388.0  
 388.3  
 388.6  
 388.9  
 389.2  
 389.5  
 389.8  
 390.1  
 390.4  
 390.7  
 391.0  
 391.3  
 391.6  
 391.9  
 392.2  
 392.5  
 392.8  
 393.1  
 393.4  
 393.7  
 394.0  
 394.3  
 394.6  
 394.9  
 395.2  
 395.5  
 395.8  
 396.1  
 396.4  
 396.7  
 397.0  
 397.3  
 397.6  
 397.9  
 398.2  
 398.5  
 398.8  
 399.1  
 399.4  
 399.7  
 400.0  
 400.3  
 400.6  
 400.9  
 401.2  
 401.5  
 401.8  
 402.1  
 402.4  
 402.7  
 403.0  
 403.3  
 403.6  
 403.9  
 404.2  
 404.5  
 404.8  
 405.1  
 405.4  
 405.7  
 406.0  
 406.3  
 406.6  
 406.9  
 407.2  
 407.5  
 407.8  
 408.1  
 408.4  
 408.7  
 409.0  
 409.3  
 409.6  
 409.9  
 410.2  
 410.5  
 410.8  
 411.1  
 411.4  
 411.7  
 412.0  
 412.3  
 412.6  
 412.9  
 413.2  
 413.5  
 413.8  
 414.1  
 414.4  
 414.7  
 415.0  
 415.3  
 415.6  
 415.9  
 416.2  
 416.5  
 416.8  
 417.1  
 417.4  
 417.7  
 418.0  
 418.3  
 418.6  
 418.9  
 419.2  
 419.5  
 419.8  
 420.1  
 420.4  
 420.7  
 421.0  
 421.3  
 421.6  
 421.9  
 422.2  
 422.5  
 422.8  
 423.1  
 423.4  
 423.7  
 424.0  
 424.3  
 424.6  
 424.9  
 425.2  
 425.5  
 425.8  
 426.1  
 426.4  
 426.7  
 427.0  
 427.3  
 427.6  
 427.9  
 428.2  
 428.5  
 428.8  
 429.1  
 429.4  
 429.7  
 430.0  
 430.3  
 430.6  
 430.9  
 431.2  
 431.5  
 431.8  
 432.1  
 432.4  
 432.7  
 433.0  
 433.3  
 433.6  
 433.9  
 434.2  
 434.5  
 434.8  
 435.1  
 435.4  
 435.7  
 436.0  
 436.3  
 436.6  
 436.9  
 437.2  
 437.5  
 437.8  
 438.1  
 438.4  
 438.7  
 439.0  
 439.3  
 439.6  
 439.9  
 440.2  
 440.5  
 440.8  
 441.1  
 441.4  
 441.7  
 442.0  
 442.3  
 442.6  
 442.9  
 443.2  
 443.5  
 443.8  
 444.1  
 444.4  
 444.7  
 445.0  
 445.3  
 445.6  
 445.9  
 446.2  
 446.5  
 446.8  
 447.1  
 447.4  
 447.7  
 448.0  
 448.3  
 448.6  
 448.9  
 449.2  
 449.5  
 449.8  
 450.1  
 450.4  
 450.7  
 451.0  
 451.3  
 451.6  
 451.9  
 452.2  
 452.5  
 452.8  
 453.1  
 453.4  
 453.7  
 454.0  
 454.3  
 454.6  
 454.9  
 455.2  
 455.5  
 455.8  
 456.1  
 456.4  
 456.7  
 457.0  
 457.3  
 457.6  
 457.9  
 458.2  
 458.5  
 458.8  
 459.1  
 459.4  
 459.7  
 460.0  
 460.3  
 460.6  
 460.9  
 461.2  
 461.5  
 461.8  
 462.1  
 462.4  
 462.7  
 463.0  
 463.3  
 463.6  
 463.9  
 464.2  
 464.5  
 464.8  
 465.1  
 465.4  
 465.7  
 466.0  
 466.3  
 466.6  
 466.9  
 467.2  
 467.5  
 467.8  
 468.1  
 468.4  
 468.7  
 469.0  
 469.3  
 469.6  
 469.9  
 470.2  
 470.5  
 470.8  
 471.1  
 471.4  
 471.7  
 472.0  
 472.3  
 472.6  
 472.9  
 473.2  
 473.5  
 473.8  
 474.1  
 474.4  
 474.7  
 475.0  
 475.3  
 475.6  
 475.9  
 476.2  
 476.5  
 476.8  
 477.1  
 477.4  
 477.7  
 478.0  
 478.3  
 478.6  
 478.9  
 479.2  
 479.5  
 479.8  
 480.1  
 480.4  
 480.7  
 481.0  
 481.3  
 481.6  
 481.9  
 482.2  
 482.5  
 482.8  
 483.1  
 483.4  
 483.7  
 484.0  
 484.3  
 484.6  
 484.9  
 485.2  
 485.5  
 485.8  
 486.1  
 486.4  
 486.7  
 487.0  
 487.3  
 487.6  
 487.9  
 488.2  
 488.5

### 1.5 Mineralization:

Gold, silver, copper, talc have been found on the property. Samples were taken at all the unusual formations in the southern areas. The possibility of gold or silver with high enough economic values has not been studied systematically. This preliminary study attempts to evaluate this possibility.

### 1.6 Summary of Work Done:

Work was done in six different areas as follows:

Area A: Because of the rock cuts along the water pipeline, grab samples were taken at visible intervals and classified for types. This cross section cuts the formation of wide banded layers which run approximately north to southerly over to a point on the logging road where volcanic mix is purely visible.

Area B: Grab samples were taken here for electro chemical testing in my lab to test for visible presence of gold, silver and copper. This area is the proximity of the forestry survey post #48.

Area C: Examination of this area started with grab samples one hundred metres from the forestry landing, along a short bush road I cleared and twenty metres to right of road in the bush. Samples from this area were examined and tested electro-chemically in my lab to determine the presence of gold, silver and copper. Samples were from the starting point to the end of the road and one metres beyond in the bush.

Area D: Grab samples were taken in this area which cross the intrusive in a clear section of rock exposure the amphibolite intrusive. Electro-chemical testing was done on these samples to test for gold, silver and copper.

Area E: Grab samples were taken in this area which is clear of massive over burden and where there is a change in rock formation from the amphibolite intrusive to a regular layered formation. Some samples were run for gold, silver and copper in the electro-chemical tests at my lab.



Area F: This area was chosen because of the clear-cut rock exposure on the floor and walls of the Old Wolfe Creek. As well as the exposure of old workings of a known deposit of talc which runs along the floor and walls along the creek. Free gold has been found near the talc on the adjacent claim called the East Claim. Prospecting was done along this talc vein trajectory for nearly one mile where rock was exposed.

Samples taken here were systematically sampled by Asarco's geologist and helper and a geochemical I.C.P. analysis was done.

## 2. Outcrop Sampling

### 2.1 Sample of Location:

Figure #3 shows descriptions, location and results of samples taken.

### 2.2 Interpretation:

Area A: Shows the continuity of the layer formation of deposits right up to the volcanic flows.

Area B: Because of the unusual deposit of amphibolite intrusive, and the strong mineralization present that this is near to the contact. Closer to the Old Wolf Creek at this point there is a fold in the rock formation suggesting an upward pressure.

Area C: Starting with the old workings which contain parallel quartz veins filled with hematite in the fractures and the mixed basalt and chloritic schist along side which parallel the edge of the amphibolite intrusive we believe. I have found the westerly side of the intrusive and did testing for mineralization across the intrusive towards the East till it is covered by over burden.

Area D: Because of the lack of over burden, I sampled and extended the length of the intrusive.

Area E: The rock formation changes at this point both in type of mineralization and direction. The rock appears to be layers of one metre to four metre lenses of vesuvianite and quartz pointing in an easterly direction. This appears to be the contact on the East side of the intrusive. Below on the Old Wolfe Creek is a substantial fold showing at this point.

Area F: The sampled areas are too far to the north east of the talc vein but the folding of the chirty tuft stringers and layers run parallel with the area of possible contact above at Area D in an east to west direction.

### 2.3 Conclusions:

Areas B and C are mineralized quartz amphibolite intrusive deposits containing fine free milling gold and because of discolourization of mineralization and subsequent testing by electro-chemical electro-winning, I believe a non sulphide complex ore exists. The fact that the minerals plated out with simplicity in a normal cyanide solution without problems inherent in sulphide ones.

Area F along the Leech River Fault in the Old Wolfe Creek there exists a sixteen foot wide vein of cream coloured and layered talc. This talc is traceable for one mile. Between the talc and a sizable quartz vein I have found nice samples of free milling gold in places. This location is not on any claim but leads into mine and the talc deposits run consistently for up to one mile approximately in mine. Float samples along this trajectory have produced sizable quartz float and in panning along areas of this trajectory, gold is found consistently.

#### **2.4 Recommendations:**

Areas B: Using a plugger and blasting both trenches and holes and assaying in regular laboratory to determine if viable economically.

Area C: Using a plugger for trenching and my Boyles X-Ray drill where applicable to determine the economic viability by way of regular laboratory analysis.

Area D: Sample and test those mineralized areas, same are Area C.

Area E: Sample and test those mineralized areas for titanium in a regular laboratory to determine the economic viability.

Area F: On an unknown creek leading to the larger placer excavation at forestry I.P.39, clear small area and test drill on sides to locate oneself in relation to talc and quartz float which is very abundant in this area.

BIBLIOGRAPHY

- |                    |      |  |
|--------------------|------|--|
| Atkinson, I.B.     | 1906 | <u>Empire Mineral Group,</u><br><u>Leach River District</u>                              |
| Holms, John W.     | 1909 | <u>Bentley Mineral Group,</u><br><u>Leach River District</u>                             |
| White & Associates | 1976 | <u>Geological Survey Map</u><br><u>C.P.O.G. Report on</u><br><u>NTS Location 92 B5 W</u> |

ANNEX #1

Statement of expenditures on Aura and Aura 2 Claim Groups for 1984

Wages and Salaries:

W. McKnight (prospector)	20 days at \$80.00	\$ 1,600.00
K. Hollett (prospector)	5 days at \$80.00	\$ 400.00
M. Grossi (helper)	6 days at \$50.00	\$ 300.00
R. Rodstrom (prospector)	10 days at \$80.00	<u>\$ 800.00</u>
	Sub-Total	<u>\$31,000.00</u>

Transportation:

Truck Rentals	10 days at \$40.00	\$ 400.00
Meals		\$ 100.00
Report Preparation		<u>\$ 100.00</u>
	Sub-Total	<u>\$ 600.00</u>

	TOTAL	<u><u>\$ 3,700.00</u></u>
--	-------	---------------------------

**ANNEX #2**

In Matter of Outcrop Sampling  
Carried Out on the  
Aura and Aura 2 Claim Group


Located in Victoria Mining Division  
of the Province of British Columbia  
More Particulars N.T.S. 92 B5 ~~W~~

**AFFIDAVIT**

I, LEWIS E. KNOTT, of the city of Victoria in the Province of British  
Columbia, make Oath and Say:

1. That I am the developer and as such have a personal knowledge of the facts to which I hereinafter dispose.
2. That Annexed hereto and marked as Annex #1 is a true copy of expenditures on exploration program carried out on the Aura and Aura 2 group.
3. That the incurred expenditures were incurred during the 1984 - 1985 exploration period.

Dated this 6 day of OCTOBER,  
1985, at Victoria, British Columbia.

Signed   
Lewis E. Knott



**ANNEX #3**

Lewis E. Knott

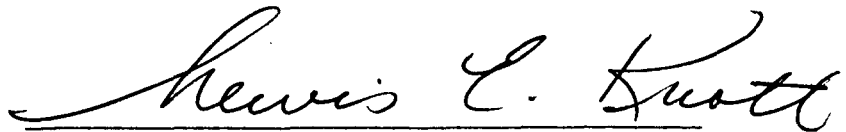
Statement of Qualifications

I, LEWIS E. KNOTT, prospector, of the city of Victoria in the Province of British Columbia, hereby certify:

1. That I have been a prospector on weekends, etc., since 1960.
2. That I have experience in electro chemistry and electro winning of metal ores.
3. That I hold a "patent applied for" in the field of electro winning of metals and metallic sulphide ores.

Dated this 6 day of OCTOBER,  
1985, at Victoria, British Columbia.

Signed



Lewis E. Knott

LEECH TOWN

17.

OLD WOLF CREEK

BLOCK 103  
EAST CLAIM  
128 (100)

BOOKE RIVER

ABANDONED CNR  
RAIL LINE

GREATER VICTORIA WATER DISTRICT PIPE

- L 400M
- K 365M
- J 300M 47
- I 294M
- H 278M
- G 253M
- F 178M
- E 165M
- D 102M
- C 95M
- B 90M
- A 70M

SECTION (A)

SECTION (B)

SECTION (C)

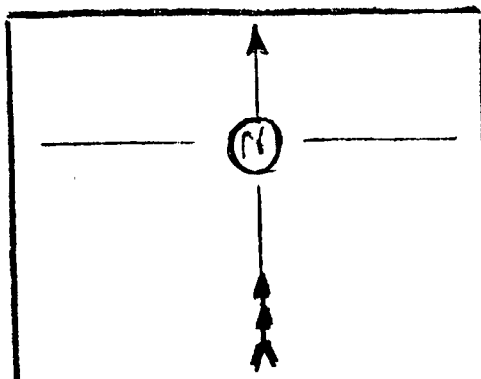
BASE LINE

OLD WORKINGS

SWAMP

AURA

30 METERS  
004332 W

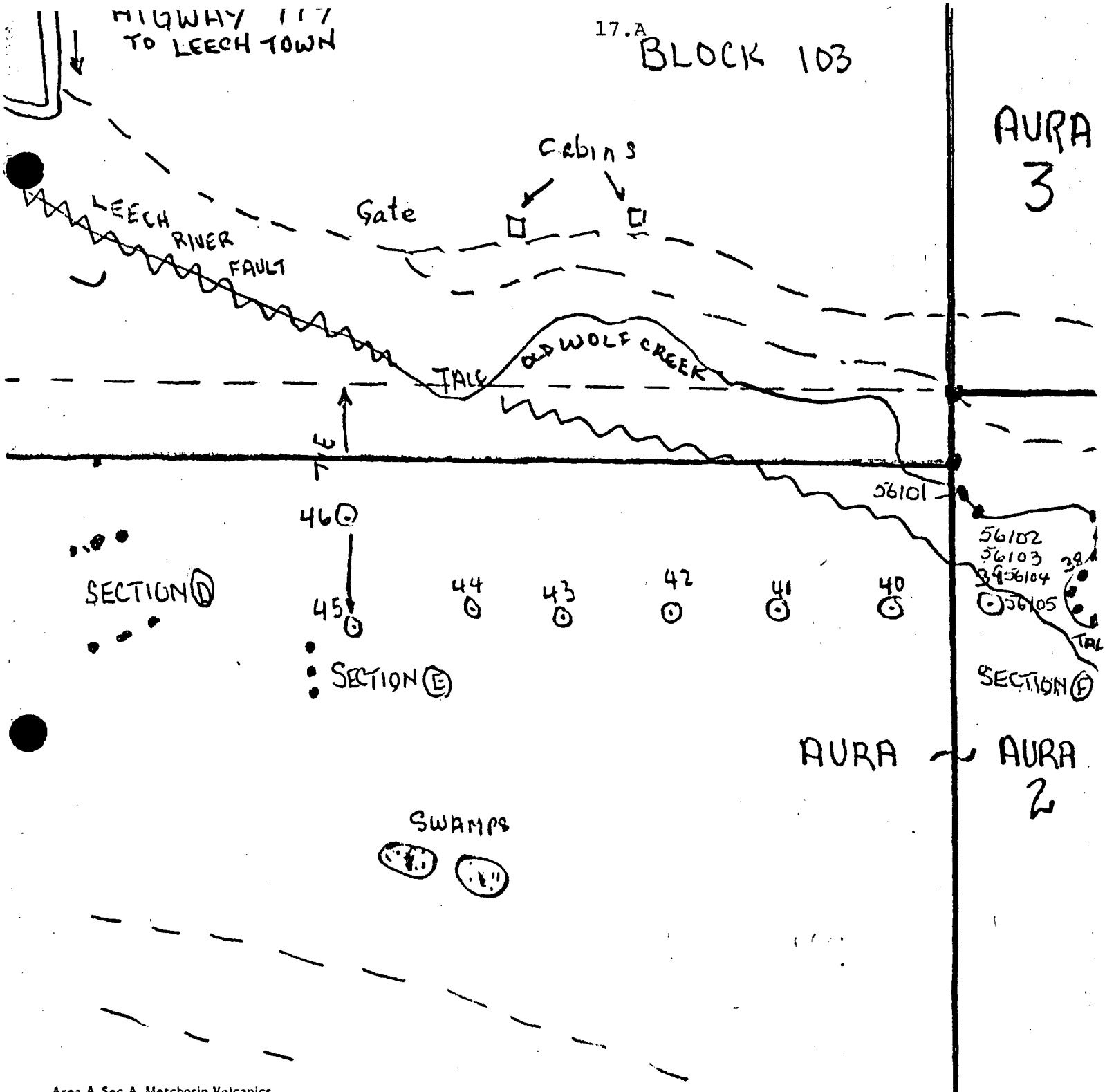


BLOCK.

HIQWAY 117  
TO LEECH TOWN

17.A  
BLOCK 103

AURA  
3



- Area A Sec A Metchosin Volcanics
  - Sec B Metchosin Volcanics
  - Sec C Metchosin Volcanics Mixed With Diorite
  - Sec D Quartz Diorite
  - Sec E Andesite Black
  - Sec F Quartz Diorite
  - Sec G Quartz Diorite
  - Sec H Hornblende and Chalcopyrite
  - Sec I Volcanic Basalt Mixture
  - Sec J Volcanic Basalt Mixture
  - Sec K Quartz Diorite
  - Sec L Basalt Chlorite Schist Mix
  - Area B Quartz Amphibolite Intrusive-Electro Winning in Cyanide-AU AG CU
  - Area C Quartz Amphibolite Intrusive-Electro Winning in Cyanide-AU AG CU
  - Quartz Veins in Stringers With Heinitite in Parallel Fractures
  - Area D Quartz Amphibolite Intrusive-Electro Winning in Cyanide-AU AG CU
  - Area E Quartz Diorite Blades Mixed With Possible Vesuvianite-Visible Grab Samples
  - Area F
- | Rock Type    | Sample & Number | CU PPM | AU PPM | AG PPM |
|--------------|-----------------|--------|--------|--------|
| Gouge        | 56101           | 55     | ND     | .1     |
| Felsite Dyke | 56102           | 31     | ND     | .1     |
| Felsite Dyke | 56103           | 24     | ND     | .1     |
| Talc         | 56104           | 8      | ND     | .1     |
| Quartz Slate | 56105           | 40     | ND     | .1     |
| Andesite     | 56108           | 158    | ND     | .1     |

**L. KNOTT**

**Leechtown Project**

FIGURE 3 N.T.S 92/B5E

**AURA AND AURA 2**  
**OUTCROP SAMPLE LOCATION**  
**AND RESULTS**

SCALE 1:2,000,000

DATE OCT 6 / 85

0 200 400 600 M

DRAWN BY L. KNOTT

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE 253-3158

DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SN, Y, Nb AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: ROCK CHIPS AU11 ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: MAY 16 1984 DATE REPORT MAILED: *May 18/84* ASSAYER: *D. Lopez* DEAN TOYE, CERTIFIED B.C. ASSAYER

ASARCO EXPLORATION FILE # 94-0783

PAGE 1

SAMPLE#	NO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU11	HG
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
<i>LW15 Cr</i> <i>9285</i> 56399 Qt vein	1	35	7	26	.1	20	7	606	1.17	16	2	ND	2	5	1	2	3	19	.19	.03	2	9	.30	24	.05	3	.69	.01	.03	2	27	50
56400 NW phyllite	1	106	10	65	.3	53	8	1046	3.81	9	2	ND	4	9	1	2	3	70	.26	.04	7	38	1.12	77	.18	5	2.27	.01	.07	2	9	30
STD A-1/FA-AU	1	30	39	185	.3	37	12	1056	2.80	9	2	ND	2	35	2	2	2	57	.63	.11	7	65	.63	244	.09	8	2.06	.02	.18	2	30	50
<i>LW15 Cr</i> <i>9285</i> 56101 gouge	1	55	13	92	.1	52	14	736	4.34	15	2	ND	4	17	1	2	3	61	.52	.09	4	55	1.17	41	.15	4	2.90	.02	.13	2	2	40
56102 felsite dyke	1	31	7	53	.1	46	10	370	2.50	4	2	ND	2	19	1	2	2	58	.41	.05	2	36	.90	19	.10	2	1.86	.03	.06	2	3	5
56103 "	1	24	11	39	.1	16	5	299	2.22	8	2	ND	2	21	1	2	3	27	.69	.07	2	9	.65	19	.13	2	1.87	.04	.07	2	12	10
56104 Tule	1	8	7	15	.2	474	25	397	1.55	208	3	ND	2	89	1	5	2	11	6.36	.02	2	55	.89	16	.02	3	.82	.01	.06	2	8	5
56105 gneissite	1	40	11	94	.1	51	11	595	4.34	2	2	ND	4	15	1	2	2	72	.45	.07	3	71	1.36	32	.13	2	2.92	.03	.10	2	1	20
<i>Donald Cr</i> <i>92812</i> 56106 "	1	133	4	79	.1	38	17	583	5.07	2	2	ND	2	9	1	2	2	108	.52	.12	2	64	1.07	29	.11	2	2.65	.05	.14	2	4	5
56107 gtz	1	8	9	40	.1	20	6	265	1.75	11	2	ND	2	6	1	2	2	28	.09	.02	2	30	.54	22	.05	2	1.17	.02	.09	2	1	10
<i>Ke River</i> 56108 andesite	1	158	2	9	.1	5	3	112	2.89	2	2	ND	2	22	1	2	2	11	.46	.02	2	3	.08	4	.07	2	.54	.02	.01	2	1	20

18.