**MAP NO.:** 105 D 6  
**ASSESSMENT REPORT** X  
**PROSPECTUS** X  
**CONFIDENTIAL**  
**DOCUMENT NO.:** 092749  
**MINING DISTRICT:** Whitehorse  
**TYPE OF WORK:** Trenching, Diamond Drilling  
**REPORT FILED UNDER:** Academy Resources Limited  
**DATE PERFORMED:** September, 1988, May, 1989  
**DATE FILED:** 28 September, 1989  
**LOCATION:**  
LAT.: 69°15'N  
LONG.: 135°01'W  
**AREA:** Mount Wheaton  
**VALUE:** $24,500  
**CLAIM NAME & NO.:**  
TONY 1-16 (YD06824-839); WILLIE 1-10 (YD21941-50); WHEATON 1-8 (YA81535-42); NOT 1-2 (YA78958-9)  
**WORK DONE BY:** G. MacDonald  
**WORK DONE FOR:** Academy Resources Limited  

**DATE TO GOOD STANDING:**

<table>
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<th>GOOD STANDING</th>
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**REMARKS:**  
Work consisted of 6 diamond drill holes totalling 125 feet, bulldozer trenching and bulk sampling. The drillholes intersected quartz veins up to 1.5 m thick in silicified volcanic rock. Bulk samples of the vein material returned up to 149.3 g/t Au.
TRANSMITTAL FORM

From: Mining Recorder at: WHITE HORSE
To: Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- [ ] NEW APPLICATION FOR PLACER LEASE TO PROSPECT
- [ ] RENEWAL APPLICATION PLACER LEASE TO PROSPECT
- [ ] AFFIDAVIT OF EXPENDITURE ON PLACER LEASE
- [ ] SECURITY DEPOSIT
- [ ] FINANCIAL ABILITY
- [ ] ASSIGNMENT OF PLACER LEASE NO.
- [ ] GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.
- [ ] DIAMOND DRILL LOGS
- [ ] QUARTZ ASSESSMENT REPORT

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<th>Type of report</th>
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<tr>
<td>MR 1-16</td>
<td>ACADEMY RESOURCES LIMITED</td>
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Cis. work performed on $ req. for ren. application

<table>
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<tr>
<th>Signature</th>
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REPLY ACTION

Date returned: Sept 6, 1990

Additional information as per and $1,600 of assessment can be applied to MR 1-16 as long as there is enough from the original $24,500 to go around.

Signature

Name: [Signature]

802-37 (7-86)
ASSESSMENT REPORT

on the

Tony 1 - 16 YB06824 - 839
Willie 1 - 10 YB21941 - 950
Wheaton 1 - 8 YA81535 - 542
Not 1 - 2 YA78958 - 959

Located at
Wheaton Mountain
N.T.S. 105 D - 6
Lat. 60 15' N, Long. 135 01' W
Whitehorse Mining District

for

ACADEMY RESOURCES LIMITED

BY

G. MACDONALD, P. GEOL.

August 1st, 1989
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<tr>
<th>Section</th>
<th>Page</th>
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<tr>
<td>PHYSIOGRAPHY, VEGETATION AND CLIMATE</td>
<td>3</td>
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<td>CLAIM STATUS</td>
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<tr>
<td>GEOLOGY</td>
<td>5</td>
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<tr>
<td>TRIASSIC LEWES RIVER GROUP</td>
<td>6</td>
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<tr>
<td>GRANODIORITE</td>
<td>6</td>
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<tr>
<td>RHYOLITE AND GRANITE PORPHYRY</td>
<td>7</td>
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<tr>
<td>CURRENT EXPLORATION</td>
<td>8</td>
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<td>RECOMMENDATIONS</td>
<td>11</td>
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## LIST OF FIGURES AND TABLES

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<td>Figure 1</td>
<td>Location Map</td>
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<td>Figure 2</td>
<td>Claim Plan</td>
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<td>Figure 3</td>
<td>Rock Samples, Drill Sites, Trench Plan</td>
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<td>Table 2</td>
<td>Table of Trench Assays</td>
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<td>Appendix 1</td>
<td>Certificate of Qualifications</td>
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<td>Appendix 2</td>
<td>Statement of Costs</td>
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<td>Certificates of Assays</td>
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INTRODUCTION

This report describes a program of diamond drilling and trenching work undertaken on the Wheaton Mountain claims in 1988 / 9 and summarizes geological data for the general area. The writer has worked on the subject property from 1985 to 1989 and has managed several exploration programs in the district.

LOCATION AND ACCESS

The Mt. Wheaton property is located on the south side of the Wheaton River Valley approximately 15 miles east of the Mt. Skukum Gold Mine. The claims are accessible from Whitehorse, Yukon, situated some 40 km to the north, via the Alaska and Carcross Highways, both paved, and the Wheaton River all season gravel road.

The property is located on National Topographic Series Map Sheet 105 D - 6 at North Latitude 60 15' and West Longitude 135 01'.
Mt. Wheaton is located in the Coast Crystalline Complex on the east side of the Coast Range Mountains. The claim area covers mountainous terrain including upland plateau and extensive talus. The higher surfaces are grassy with some short Arctic birch and stunted willow in damp areas. Water sources are few and are usually dried up by early July. At lower attitudes on the property stands of larger spruce and poplar trees are present, especially along large streams and rivers. The Mt. Wheaton property ranges in elevation from less than 3,000 feet to over 5,500 feet above sea level.

CLAIM STATUS

The following claims are part of Academy's Mt. Wheaton group:

<table>
<thead>
<tr>
<th>Claims Name</th>
<th>Grant Numbers</th>
<th>Expiry Date</th>
<th>Current Expiry Date</th>
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<td>Wheaton 1 - 8</td>
<td>YA81535 - 542</td>
<td>December 31, 1994</td>
<td>*</td>
</tr>
<tr>
<td>Not 1 - 2</td>
<td>YA78958 - 959</td>
<td>December 31, 1994</td>
<td>*</td>
</tr>
<tr>
<td>Tony 1 - 16</td>
<td>YB06824 - 839</td>
<td>August 4, 1993</td>
<td>*</td>
</tr>
<tr>
<td>Willie 1 - 10</td>
<td>YB21941 - 950</td>
<td>September 28, 1993</td>
<td>*</td>
</tr>
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</table>

* pending
GEOLOGY

Wheaton Mountain is primarily underlain by Cretaceous granodiorite of the Coast Plutonic Complex and, at the north end, Trassic Lewes River Group metavolcanic rocks. Rhyolite and granite porphyry dykes and plugs of Early Tertiary Skukum Group intrude the Mesozoic and Paleozoic rocks. The dykes and plugs occur around the periphery of the contemporaneous volcanic complexes at Mount Skukum, Mount Macauley and Montana Mountain.

Structurally, the area features regional faulting associated with caldera formation at Bennett Lake and Mount Skukum. A northwesterly trending depression in the upland plateau at the north end of Wheaton Mountain probably traces a fault contact between granodiorite and Triassic andesite breccia. Mineralized quartz veins occur in the andesite breccia beside the fault contact and close to felsic porphyry dykes. Silica-rich fluids generated in the later stages of Early tertiary volcanism migrated along fault zones and precipitated in fractures and zones of weakness, especially near geological contacts.
TRIASSIC LEWES RIVER GROUP

Andesite breccia and tuff with some lenses of limestone, quartz and siltstone outcrop on the north end of Wheaton Mountain. Andesite breccia is dark green, containing lighter-coloured limey fragments, cut by carbonate and quartz veins. Quartz and feldspar phenocrysts are common. Deformed bands of gray limestone up to 2 metres wide are incorporated into the andesite breccia.

On the Wheaton 5 calim, around the old pits, blue-gey rhyolite dykes intrude and silicify the volcanic breccia.

GRANODIORITE

The most extensive rock on Wheaton Mountain is a medium to coarse grained massive white-grey biotite granodiorite. On the summit plateau blocky granodiorite talus and outcrop occurs in ridges and mounds. Narrow quartz veins occasionally cut the granodiorite. On the northwest facing slope of Wheaton Mountain, cliff and talus fans of granodiorite occur above 4,500 feet.
RHYOLITE AND GRANITE PORPHYRY

North to northwesterly trending Skukum Group felic dykes intrude granodiorite and Triassic andesite breccia on the north end of Wheaton Mountain. Rhyolite dykes weather to an orange tinge and contain up to 10% quartz - eyes. Granite porphyry dykes contain variable amounts of feldspar, quartz and mafic phenocrysts in a rusty buff weathering matrix.

A 20 metre wide quartz - eye granite porphyry dyke traced for approximately 1 km outcrops in andesite breccia close to pits exposing mineralized quartz veins on the Wheaton 5 and 6 claims. Local silicification and quartz veining is associated with this dyke.

In the bulldozer trench, a very fine grained blue - grey rhyolite dyke, 2 metres wide, cuts the andesite breccia. Crystalline calcite occurs in small lenses and veinlets, and fine grained arsenopyrite is disseminated through the rhyolite.

Several rhyolite prophyry dykes intrude granodiorite on the west face of Wheaton Mountain. Narrow quartz veins are common in the highly fractured granodiorite at the contacts with felsic dykes.
CURRENT EXPLORATION

Work completed by Academy Resources Limited to date includes drilling of 6 short core holes to define vein zones (a total of approximately 125 feet) followed by trenching along the vein to provide bulk samples.

The core drill holes were drilled in silified volcanic rock until they intersected quartz veins. The core was not logged and no samples were taken. Core was left at the drill sites. Drill hole locations are shown on Figure 3.

A two- to four-man crew supplied by Tempest Resources Ltd. worked on the main showing area located on claims Wheaton No. 5 and 6 during September 1988 and from May 1989 to the present date.

Assays of quartz samples; and wall-rock samples are presented in Table 2.

Trenching of veins traced by diamond drill holes and bulldozer trenches provides a bulk sample for metallurgical purposes; and should assess the continuity of individual vein zones.

The main trench excavated to date is 60 feet long, 8 feet wide and 8 feet deep.

Current work is summarized on Figure 3 of this report.

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<thead>
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<th>DESCRIPTION</th>
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<td>Wall Rock</td>
</tr>
<tr>
<td>2</td>
<td>0.236</td>
<td>Vein; 60&quot;</td>
</tr>
<tr>
<td>4</td>
<td>4.732</td>
<td>Vein; 36&quot;</td>
</tr>
<tr>
<td>5</td>
<td>0.044</td>
<td>Wall Rock</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(altered, pyrite)</td>
</tr>
<tr>
<td>6</td>
<td>3.102</td>
<td>Vein; 30&quot;</td>
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PLAN
SYMBOLS

- Geomorphological boundary (approximate, assumed)

= Fault (approximate, assumed)

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ROCK SAMPLES, DRILL SITES
TRENCH PLAN

FIGURE 3

(Legend: see page 9)
RECOMMENDATIONS

Acddademy's exploration has identified a significant mineralized zone. Additional trenching and sampling is warranted, and this report recommends that the project continue.
APPENDIX 1

CERTIFICATE OF QUALIFICATIONS

I, GLEN C. MACDONALD, with business and residential address in Vancouver, BC, do hereby certify that:

1. I am a consulting professional geologist.
4. I hereby grant my permission for Academy Resources Limited to use this report for any legal purposes normal to the business of the corporation.

DATED at Vancouver, BC this 1st day of August, 1989.

Glen C. Macdonald, P. Geol.
**APPENDIX 2**

**STATEMENT OF COSTS**

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<td>Preparation for shipment</td>
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<td>Equipment Rental</td>
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<td>(2) 4 X 4 p/u @ 1,000/mo</td>
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<td>Drills, compressor, pumps</td>
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<td><strong>Total</strong></td>
<td><strong>$24,500.00</strong></td>
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CERTIFICATE OF ASSAY

Date: July 28, 1989
File: 0103-0738

TO: ACADAMY RESOURCES
214 - 475 Howe Street
Vancouver, B.C.
V6C 2B3

We hereby certify that the following are the results of assays on: Ore

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NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

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L. Wong
PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Waighers

MEMBER: American Society for Testing Materials • The American Oil Chemists Society • Canadian Testing Association
REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oiled Products • The American Oil Chemists' Society
OFFICIAL WEIGHMasters FOR: Vancouver Board Of Trade
# CERTIFICATE OF ANALYSIS

**TO:** ACADEMY RESOURCES  
214 - 475 HOVE ST.  
VANCOUVER, B.C.  
V6C 2B3

**SGS SUPERVISION SERVICES INC.**  
General Testing Laboratories Division  
1001 East Pender Street,  
Vancouver, B.C., Canada, V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514  
August 8, 1969

**No.:** 0103-073A

---

## I C P ANALYSIS

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<td>BA (ppm)</td>
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<td>446.11</td>
<td>345.06</td>
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<tr>
<td>CA (ppm)</td>
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<td>&gt; 1%</td>
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<td>5111.74</td>
<td>2069.07</td>
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<tr>
<td>CD (ppm)</td>
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<td>5.40</td>
<td>6.93</td>
<td>4.18</td>
<td>6.52</td>
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<tr>
<td>CO (ppm)</td>
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<td>9.97</td>
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<tr>
<td>CR (ppm)</td>
<td>41.37</td>
<td>62.24</td>
<td>101.67</td>
<td>72.34</td>
<td>91.89</td>
</tr>
<tr>
<td>CU (ppm)</td>
<td>14.99</td>
<td>128.87</td>
<td>3493.46</td>
<td>23.61</td>
<td>4912.38</td>
</tr>
<tr>
<td>FE (ppm)</td>
<td>&gt; 1%</td>
<td>&gt; 1%</td>
<td>&gt; 1%</td>
<td>&gt; 1%</td>
<td>9736.73</td>
</tr>
<tr>
<td>MG (ppm)</td>
<td>5844.97</td>
<td>&gt; 1%</td>
<td>6365.95</td>
<td>&gt; 1%</td>
<td>1048.48</td>
</tr>
<tr>
<td>MN (ppm)</td>
<td>511.23</td>
<td>305.97</td>
<td>192.66</td>
<td>1044.96</td>
<td>91.70</td>
</tr>
<tr>
<td>MO (ppm)</td>
<td>4.12</td>
<td>6.55</td>
<td>2.07</td>
<td>5.01</td>
<td>0.54</td>
</tr>
<tr>
<td>NI (ppm)</td>
<td>13.07</td>
<td>38.95</td>
<td>18.64</td>
<td>31.77</td>
<td>15.32</td>
</tr>
<tr>
<td>P (ppm)</td>
<td>1165.48</td>
<td>1529.53</td>
<td>744.78</td>
<td>1708.71</td>
<td>135.11</td>
</tr>
<tr>
<td>PB (ppm)</td>
<td>178.50</td>
<td>1247.66</td>
<td>1597.09</td>
<td>81.23</td>
<td>3487.05</td>
</tr>
<tr>
<td>SR (ppm)</td>
<td>14.29</td>
<td>18.82</td>
<td>11.45</td>
<td>15.29</td>
<td>8.32</td>
</tr>
<tr>
<td>SR (ppm)</td>
<td>127.95</td>
<td>197.44</td>
<td>13.23</td>
<td>44.66</td>
<td>7.43</td>
</tr>
<tr>
<td>TI (ppm)</td>
<td>2150.40</td>
<td>2542.12</td>
<td>1527.10</td>
<td>2542.90</td>
<td>76.04</td>
</tr>
<tr>
<td>V (ppm)</td>
<td>72.85</td>
<td>105.19</td>
<td>68.35</td>
<td>81.06</td>
<td>7.19</td>
</tr>
<tr>
<td>ZN (ppm)</td>
<td>304.15</td>
<td>147.11</td>
<td>133.03</td>
<td>182.22</td>
<td>117.61</td>
</tr>
</tbody>
</table>

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**Signature and Title:** L. Nevnes, Chemist

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**Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers**  
MEMBER American Society for Testing Materials - The American Oil Chemists Society - Canadian Testing Association  
REFFEREE AND OFFICIAL CHEMISTS FOR - National Institute of Olefin Products - The American Oil Chemists Society  
OFFICIAL WEIGHMasters FOR Vancouver Board of Trade
August 24, 1990.

J. M. Oberg  
A/Mining Recorder  
Whitehorse Mining District  
Room 201, 308 Main Street  
Whitehorse, Yukon  
Y1A 2B5

Dear Mr. Oberg:

RE: Application for Certificate of Work  
MR 1-16, YA85563-YA85578

Your letter dated July 4, 1990 to Glen Macdonald (a copy of which is enclosed for your ready reference) has been forwarded to us for reply to your questions.

The following information should be sufficient to satisfy your requirements:

1. Work was performed from July, 1989 to September 1989;
2. Trench size should read 80x8x8;
3. Detailed compilation map outlining trenches, pits, Geology, etc. enclosed;
4. Type - Air compressor, air jacks, hand trenching, etc.;
5. A bulk sample (100 - 4 gal. drums) were picked up by helicopter and shipped by truck to Nesmont Precious Metals in Vancouver, B.C. for processing and refining. Results of the partial shipment processed and refined (copy of Nesmont's letter enclosed) were better than 1.0 oz. gold and 0.75 oz. silver. Academy now has in its possession a Dorey bar.

We are enclosing a set of pictures showing men at work on the Wheaton Mountain Mineral Claims.

I trust that I have given you the information you require.

Yours truly,

ACADEMY RESOURCES LTD.

WILLIAM HOWDEN  
PRESIDENT.
**MEMORANDUM**

**TO**
Joanne Oberg
Office Supervisor
Whitehorse Mining Recorder

**FROM**
Dennis Ouellette
Staff Geologist
Exploration and Geological Services Division

**SUBJECT**
RE: AR 092749 Academy Resources

If the $1,600.00 required for assessment on the MR claims is a portion of the $24,500.00 of assessment credit stated in assessment report 092749, then I can see no problem with allowing that amount so long as the following condition can be met:

1) Size and concise description of all bulk samples is provided.

2) Details of trenching are provided (specific dates, type i.e. bulldozer or hand trenching, detailed geology map of trenches).

3) Trench size requires clarification. The report on page 8 states that the trench is 60 feet by 8 feet by 8 feet but Figure 3 states 80 x 8 x 8.

Also, please note changes to card on included photocopy.

Thanks