

KAMLOOPS

FAME REPORT (E193)

16725

*NOTE: Also submitted as assessment report.

MC (34)



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources OFF CONFIDENTIAL ASSESSMENT REPORT MARCH 31, 1989 TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	PHYSICAL	TOTAL COST
DRILLING, GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL		880,850.00

AUTHOR(S) T.H. Carpenter L.R. Haynes SIGNATURE(S)

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED Feb. 22/88 YEAR OF WORK 87-88

PROPERTY NAME(S) STANDARD CREEK

COMMODITIES PRESENT Au, Ag, W, Cu, Ls.

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN 92J/NE-11, 12, 14, 15, 43, 44

MINING DIVISION Lillooet NTS 92J/10E

LATITUDE 50°42'18" LONGITUDE 122°38'34"

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property (Examples: TAX 14 FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)):

" see back "

OWNER(S) (1) Armeno Resources Inc. (2) Trans Atlantic Resources Inc.

MAILING ADDRESS 2600 - 1177 W. Hastings St. VANCOUVER, B.C. V6E 3Y3 2600 - 1177 W. Hastings St. VANCOUVER, B.C. V6E 3Y3

OPERATOR(S) (that is, Company paying for the work) (1) Armeno Resources Inc. (2)

MAILING ADDRESS as above

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

A number of northwest trending fault zones and altered serpentinite bodies (fault emplaced?) have been identified. Gold-silver-copper mineralization is associated with veining, shearing and contacts with ultramafic rocks. The ultramafics are part of the Upper Triassic President Intrusions and cut Permo-Triassic Bridge River Group and Upper Triassic Cadwallader Group metamorphic rocks.

REFERENCES TO PREVIOUS WORK A.R. 16595, 14628, 13232, 11944, 10211, 8878, 8001

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED	
<u>GEOLOGICAL</u> (scale, area) <u>Ground</u> <u>GEOL</u> 1:5000 1200 ha <u>Photo</u> 1:2500				
<u>GEOPHYSICAL</u> (line-kilometres) <u>Ground</u> <u>Magnetic</u> <u>MAGG</u> 42.0 km <u>Electromagnetic</u> <u>EMGR</u> 48.0 km VLF <u>Induced Polarization</u> <u>Radiometric</u> <u>Seismic</u> <u>Other</u> <u>Airborne</u>				
<u>GEOCHEMICAL</u> (number of samples analysed for) <u>Soil</u> <u>SOIL</u> 642; multielement <u>Silt</u> <u>Rock</u> <u>ROCK</u> 372; multielement <u>Other</u> <u>HMIN</u> 17; multielement		Bralorne Ext, Standard 1, 2 Goldstream I, II, Butte - X - Cal, Goldstream Ext. 1, 2 Mac 1-4, 6, 8 Tom 3, 5, 7 Pie 3-6		
<u>DRILLING</u> (total metres; number of holes, size) <u>Core</u> <u>DIAD</u> 6368.9 m; 20 holes; NQ <u>Non-core</u>				
<u>RELATED TECHNICAL</u> <u>Sampling/assaying</u> <u>SAMP.</u> 3251; multielement <u>Petrographic</u> <u>Mineralogic</u> <u>Metallurgic</u>				
<u>PROSPECTING</u> (scale, area)				
<u>PREPARATORY/PHYSICAL</u> <u>Legal surveys</u> (scale, area) <u>Topographic</u> (scale, area) <u>Photogrammetric</u> (scale, area) <u>Line/grid</u> (kilometres) <u>LINE</u> 25.0 km <u>Road, local access</u> (kilometres) <u>Trench</u> (metres) <u>Underground</u> (metres) <u>UNDV.</u> 139.0 m				
		TOTAL COST	880,850.00	

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report) 880,850.00				
Value of work approved 880,850.00				
Value claimed (from statement) 82,400.00	Armeno Resources Inc.			
Value credited to PAC account 798,450.00			798,450.00	
Value debited to PAC account				
Accepted <u>GO</u> Date <u>March 18/88</u>	Rept. No. 16725			
Date <u>April 7/88</u>				Information Class (1)

INTERIM REPORT ON THE
STANDARD CREEK PROPERTY
OF
ARMENO RESOURCES INC.
AND
TRANS ATLANTIC RESOURCES INC.

BUTTE & PAT CLAIM GROUPS
LILLOOET MINING DIVISION
NTS 92 J 10
LATITUDE 50°42'N, LONGITUDE 122°37'W

BY
Thomas H. Carpenter, B.Sc., F.G.A.C.
and
Larry R. Haynes, B.Sc., F.G.A.C.

Azimuth Geological
September 1987
Vancouver, B.C.

16,725
PAT 1048

ENGINEERING DEPARTMENT
MINING DIVISION

FILMED

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STANDARD CREEK PROPERTY

Interim Report
Lillooet Mining Division
NTS 92 J 10

SUMMARY

Armeno Resources Inc. and Trans Atlantic Resources Inc. hold a total of 171 mineral claims (Standard Creek Property) in the Bridge River Gold Camp. The property lies along the southeast end of a major gold bearing structure, the Cadwallader Break (Bralorne Fault system). This fault system hosts the Bralorne-Pioneer Mine, 13 kilometres to the northwest. Before the Bralorne-Pioneer Mine was closed in 1971, it was the largest gold mine in B.C., having produced 4.92 million tonnes grading 18 grams gold per ton.

During July and August 1987, Armeno Resources Inc. funded a programme of geological mapping, geochemical rock and soil sampling and geophysical surveys. The work, which follows earlier investigations on the property, was concentrated in five areas: the Standard, Chopper, Royal, Upper Piebiter and Red Hawk zones.

Results of this programme have identified several areas on the property with indications of gold-silver mineralization. Additional work, including diamond drilling and underground exploration, is recommended for the property.

INTRODUCTION

The Standard Creek Property covers a major gold-silver prospect southeast of Bralorne, B.C. From July 3 to August 1, 1987, field work entailing geological mapping, geochemical rock and soil sampling and geophysical surveys was carried out over the property.

Results of the programme are briefly summarized in the following report. A detailed discussion of the programme will follow in a later report.

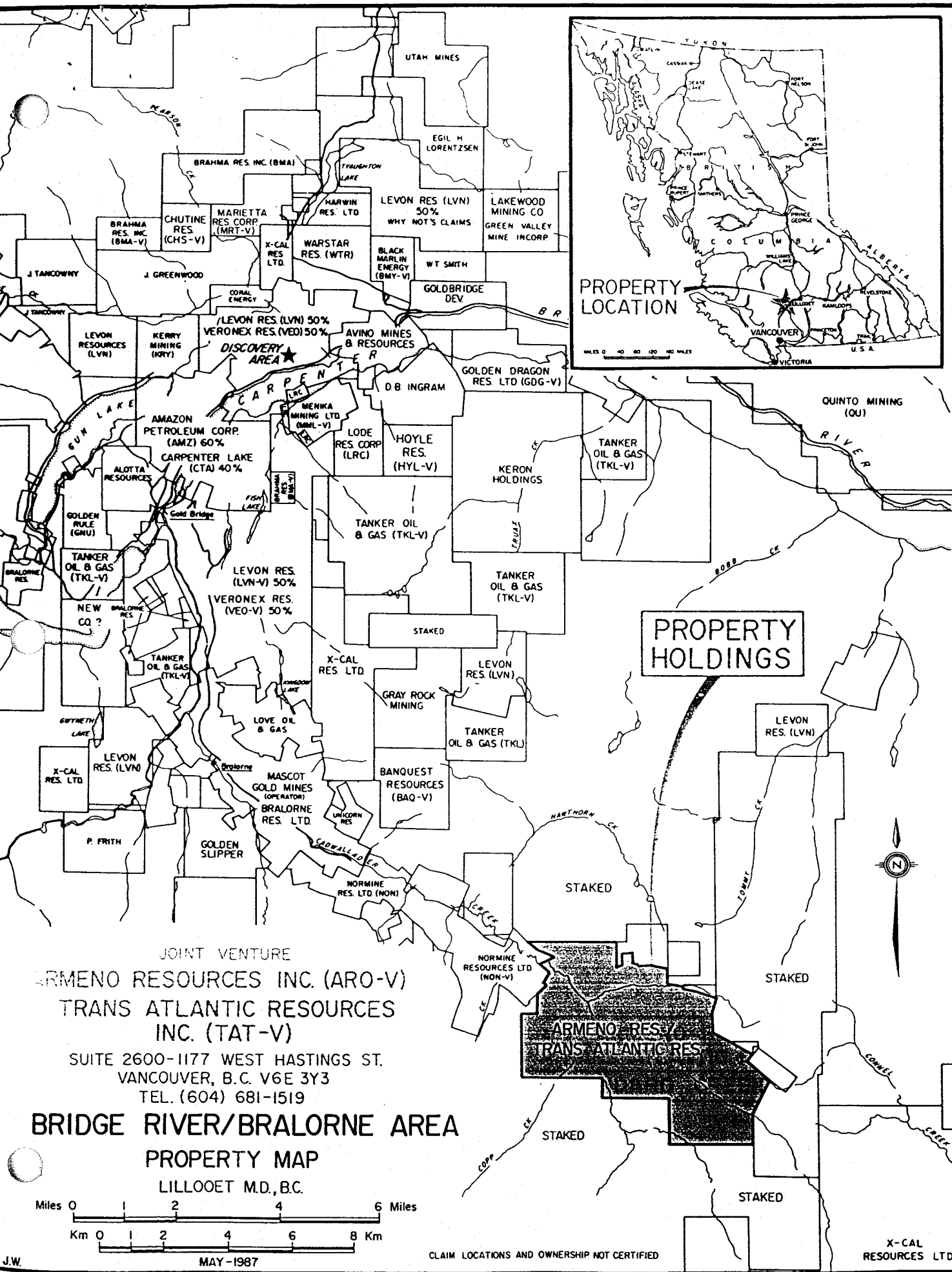
Location and Access

The property is located in the Lillooet Mining District, B.C., approximately 13 kilometres southeast of Bralorne, B.C. The claims cover approximately 25.5 km², centering on latitude 50°42'N and longitude 122°37'W.

Access to the property is by 20 kilometres of gravel logging road exiting southeast from Goldbridge, B.C. Approximately 120 kilometres of good gravel road connect Goldbridge with Transprovincial Highway 12 at Lillooet, B.C.

Property and Claim Status

The Standard Creek property currently consists of 171 claims and claim units in Table A. The accompanying claim map on page 4 shows the relative location of this claim.



JOINT VENTURE
ARMENO RESOURCES INC. (ARO-V)
TRANS ATLANTIC RESOURCES INC. (TAT-V)

SUITE 2600-1177 WEST HASTINGS ST.
 VANCOUVER, B.C. V6E 3Y3
 TEL. (604) 681-1519

BRIDGE RIVER/BRALORNE AREA

PROPERTY MAP

LILLOOET M.D., B.C.

Miles 0 1 2 4 6 Miles

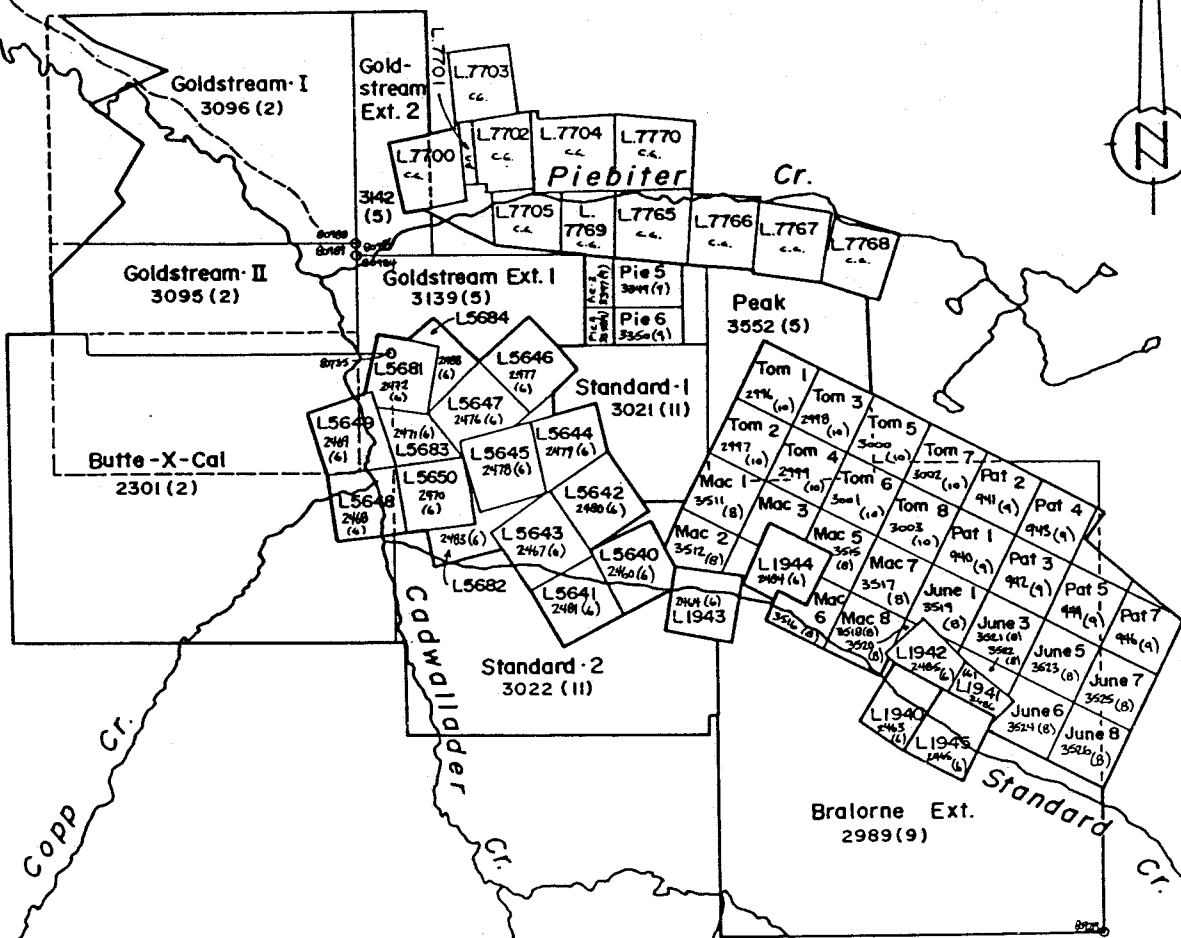
Km 0 1 2 4 6 8 Km

MAY-1987

CLAIM LOCATIONS AND OWNERSHIP NOT CERTIFIED

X-CAL RESOURCES LTD.

50°45'



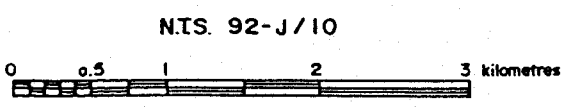
50°40'

122°40'

122°35'

ARMENO RESOURCES INC.
TRANS ATLANTIC RESOURCES INC.
STANDARD CREEK PROPERTY

CLAIM MAP



N.T.S. 92-J/10

Azimuth
Geological

By: _____
Drawn: _____
Date: Sept. 1987

Figure:

TABLE A

Claim Status - Peak Group

<u>Claim Name</u>	<u>Owner</u>	<u>Record No.</u>	<u>Lot No.</u>	<u>Type</u>	<u>Year Staked</u>	<u>Expiry Date</u>
Lion 1	T	2463	1940	Reverted Crown Grant	1983	June 13/96
Lion 7	T	2464	1943	Reverted Crown Grant	1983	June 13/96
Bulldog 7	T	2465	1945	Reverted Crown Grant	1983	June 13/96
Trail 2	T	2484	1944	Reverted Crown Grant	1983	June 14/96
Unicorn 4	T	2486	1941	Reverted Crown Grant	1983	June 14/96
Unicorn 6	T	2485	1942	Reverted Crown Grant	1983	June 14/96
Bralorne Ext.	T	2989		Modified Grid: 20 Units	1984	Sept. 13/96
Standard 1	T	3021		Modified Grid: 4 Units	1984	Nov. 19/96
Pie 3	T	3347		2-Post: 1 Unit	1985	Sept. 17/95
Pie 4	T	3348		2-Post: 1 Unit	1985	Sept. 17/95
Pie 5	T	3349		2-Post: 1 Unit	1985	Sept. 17/95
Pie 6	T	3350		2-Post: 1 Unit	1985	Sept. 17/95
Tom 1-8	A	2996 - 3003		2-Post: 8 Units	1984	Oct. 11/93
Pat 1-8	A	940 - 947		2-Post: 8 Units	1979	Sept. 4/93
Mac 1-8	A	3511 - 3518		2-Post: 8 Units	1986	Aug. 6/93
June 1-8	A	3519 - 3526		2-Post: 8 Units	1986	Aug. 6/93
Peak	A	3552		Modified Grid: 9 Units	1986	Sept. 4/93

Claim Status - Butte Group

<u>Claim Name</u>	<u>Owner</u>	<u>Record No.</u>	<u>Lot No.</u>	<u>Type</u>	<u>Year Staked</u>	<u>Expiry Date</u>
Royal	T	2481	5641	Reverted Crown Grant	1983	June 14/96
Royal 1	T	2466	5640	Reverted Crown Grant	1983	June 13/96
Royal 2	T	2467	5643	Reverted Crown Grant	1983	June 13/96
Royal 3	T	2480	5642	Reverted Crown Grant	1983	June 14/96
Royal 4	T	2478	5645	Reverted Crown Grant	1983	June 14/96
Royal 5	T	2479	5644	Reverted Crown Grant	1983	June 14/96
Royal 6	T	2476	5647	Reverted Crown Grant	1983	June 14/96
Royal 7	T	2477	5646	Reverted Crown Grant	1983	June 14/96
Royal 8	T	2468	5648	Reverted Crown Grant	1983	June 13/96
Royal 9	T	2469	5649	Reverted Crown Grant	1983	June 13/96
Royal 10	T	2470	5650	Reverted Crown Grant	1983	June 13/96
Royal A Fr.	T	2483	5682	Reverted Crown Grant	1983	June 14/96
Royal B Fr.	T	2471	5683	Reverted Crown Grant	1983	June 13/96

TABLE A (cont'd)

Claim Status - Butte Group (cont'd)

<u>Claim Name</u>	<u>Owner</u>	<u>Record No.</u>	<u>Lot No.</u>	<u>Type</u>	<u>Year Staked</u>	<u>Expiry Date</u>
Royal C Fr.	T	2482	5684	Reverted Crown Grant	1983	June 14/96
Royal 11	T	2472	5681	Reverted Crown Grant	1983	June 13/96
Standard 2	T	3022		Modified Grid: 12 Units	1984	Nov. 19/96
Goldstream I	T	3096		Modified Grid: 12 Units	1985	Feb. 22/96
Goldstream II	T	3095		Modified Grid: 12 Units	1985	Feb. 22/96
Goldstream Ext. 1	T	3139		Modified Grid: 6 Units	1985	May 6/96
Goldstream Ext. 2	T	3142		Modified Grid: 4 Units	1985	May 6/96
Pie 1	T	3345		2-Post: 1 Unit	1985	Sept. 17/95
Pie 2	T	3346		2-Post: 1 Unit	1985	Sept. 17/95
Butte-X-Cal	A	2301		Modified Grid: 20 Units	1983	Feb. 14/98

Claim Status - Ungrouped Claims

<u>Claim Name</u>	<u>Owner</u>	<u>Record No.</u>	<u>Lot No.</u>	<u>Type</u>	<u>Year Staked</u>	<u>Expiry Date</u>
Chalco D Fr.	A	N/A	7771	Crown Grant		N/A
Chalco 5	A	N/A	7700	Crown Grant		N/A
Chalco 6	A	N/A	7704	Crown Grant		N/A
Chalco 8 Fr.	A	N/A	7701	Crown Grant		N/A
Chalco 9	A	N/A	7770	Crown Grant		N/A
Chalco 10	A	N/A	7765	Crown Grant		N/A
Chalco 12	A	N/A	7702	Crown Grant		N/A
Chalco 13	A	N/A	7705	Crown Grant		N/A
Chalco 35	A	N/A	7703	Crown Grant		N/A
Chalco 36	A	N/A	7766	Crown Grant		N/A
Chalco 37	A	N/A	7767	Crown Grant		N/A
Chalco 38	A	N/A	7768	Crown Grant		N/A
Chalco 39 Fr.	A	N/A	7769	Crown Grant		N/A

A = Armeno Resources Inc.

T = Trans Atlantic Resource Inc.

HISTORY AND PREVIOUS WORK

The Standard Creek Property is a recent consolidation of several gold bearing prospects located near the confluence of Standard Creek with Cadwallader Creek. Interest in the Bridge River - Cadwallader Creek area dates back to 1896 when gold was first discovered. Work on the Standard Creek Property is first reported in the early 1930's and is briefly summarized below.

1. During 1932 Standard Gold Mines Ltd. explored the Standard Prospect with several open cuts, trenching and two adits. The largest adit, 204 metres in length, is reported to contained a 21 metre gold bearing zone with gold values up to 5.8 grams/tonne (0.17 oz./ton).
2. Red Hawk Mines worked the Red Hawk Property in 1932 and 1933. Several surface cuts and short underground workings were used to test quartz veins carrying low gold values.
3. In 1932 Cadwallader Gold Mines carried out ground slucing and underground development on the Royal Prospect. A short crosscut adit was driven across quartz veins up to 1.37 metres (4.5 feet) wide.
4. In 1948 a tungsten-copper showing was discovered above the northwest side of Piebiter Creek, two kilometres north of the Royal Prospect. The showing was drill tested in 1969 and again in 1979-80. Drilling confirmed the presence of low grade tungsten-copper mineralization.
5. In 1980 Chopper Mines (Dragon Resources Ltd.) located the Pat claims along the northeastern boundary of the property to cover a prominent three metre wide Ag bearing quartz vein (Chopper Vein). The vein has been traced over 1,600 metres in length with reported silver values of up to 954 grams/tonne (27.9 oz./ton) silver. The Pat claims along with the adjoining Tom, Mac and June claims were subsequently purchased by Armeno Resources Inc. in 1986.

6. During the period from 1980 - 1982. Hillside Energy Corp. carried out a soil geochemical sampling programme near the Royal Prospect and on the west side of Cadwallader Creek. Results of sampling by Hillside on the Royal and Standard Groups identified several areas of interest. No further work was carried out at the time.

7. In 1985 Hudson Bay Exploration and Development Co. Ltd. conducted geological mapping and geochemical sampling on the Butte-X-Cal prospect, identifying a number of gold geochemical anomalies. The Butte-X-Cal claims were subsequently purchased by Armeno Resources Inc. in August 1986.

8. During 1985 and 1986 Armeno Resources Inc. and Trans Atlantic Resources Inc. commenced an extensive exploration programme comprising geochemical, geological and geophysical surveys and diamond drilling. The programme identified seven general areas of interest. Exploration was continued in 1987 based on the results and recommendations of this major programme.

WORK BY ARMENO RESOURCES INC. IN 1987

Field work by Armeno Resources Inc. commenced on July 3, 1987 and continued until August 1, 1987. The focus of the 1987 work was to define potential mineralized zones within seven areas of interest identified by earlier exploration programmes.

Exploration efforts were concentrated on five of the seven areas. Grids were established on the Standard, Chopper, Royal, Upper Piebiter and Red Hawk zones. A systematic approach of (1) detailed geological mapping, (2) rock and soil geochemical sampling, and (3) detailed magnetic and VLF/EM surveys were carried out over the zones. Careful consideration was given to identifying possible structural controls for potential gold mineralization.

Approximately 25 kilometres of survey grid were completed on the zones and a total of 534 soil and 155 rock samples were collected. Results of the 1987 surveys are discussed later in the report.

GEOLOGY AND MINERALIZATION

The geology and mineralization of the Bridge River - Cadwallader Creek area is well documented in the literature and remains the subject of investigation. The reader is referred to publications by McCann (1922), Cairnes (1937), Joubin (1948), Roddick and Hutchinson (1973), Pearson (1975), Woodsworth and Roddick (1977), Woodsworth et al (1977), Bellamy and Saleken (1983) and Church (1986a) for a complete understanding of the geology and mineralization.

The Bridge River Gold Camp is characterized by the association of gold bearing mineralization with a complex northwest-trending fault system that occupies the Cadwallader Creek valley. The fault system hosts the Bralorne-Pioneer mine, 13 kilometres northwest of the Standard Creek Property. It is believed that Standard Creek may have been developed along various branches of the fault system.

A number of northwest trending fault zones and altered serpentinite bodies (fault emplaced?) have been identified on the Standard Creek Property. These features are attractive exploration targets and have been examined for possible gold bearing mineralization. Results of the exploration are discussed in the following section.

DISCUSSION OF RESULTS

Geological mapping, rock and soil geochemical sampling and geochemical surveys were carried out over five areas of interest (see map on page 13). Results have been encouraging and are briefly summarized below.

Standard Zone

A 204 metre adit (caved and inaccessible) on the Standard Zone is reported to have crossed a 21 metre mineralized section averaging 4.3 grams/tonne (0.125 oz./ton) gold with gold values up to 5.8 grams/tonne (0.17 oz./ton).

Projections of the zone to surface are contained within a strong As geochemical anomaly sampled in 1987. VLF-EM results suggest possible structural controls to the zone. Geological mapping in the vicinity has identified silicified sediments and altered ultramafics (listwanite).

Chopper Zone

On the northeastern boundary of the property, the "Chopper Vein" occurs along a major west-northwesterly trending vein structure. The vein dips from 65° to 74° to the south and can be traced intermittently for 1,600 metres. Widths vary from 2 to 10 metres and average 3 metres. Values of up to 954 grams/tonne (27.9 oz./ton) silver are reported.

Geological mapping of the zone suggest the vein occupies a major fault structure and has identified serpentinite bodies closely associated with of the vein. Reconnaissance rock geochemical sampling show elevated values for gold and arsenic. VLF-EM and magnetometer orientation surveys to trace the vein structure were inconclusive.

Upper Piebiter Zone

The Upper Piebiter Zone was discovered in 1985 and is exposed on surface as a large (60 m x 150 m) iron stained metaquartzite(?). Gold values from 0.7 grams/tonne (0.02 oz./ton) to 5.7 grams/tonne (0.166 oz./ton) gold are reported. Drill testing in 1986 partly defined a zone 15 - 35 metres wide averaging 0.6 -0.7 grams/tonne gold with a possible 600 metre strike length.

Results of the 1987 soil geochemical sampling show a strong gold-arsenic anomaly coincident with the discovery zone and also suggest a continuation or possible second zone to the southwest. Strong VLF-EM conductors are associated with the principal anomalous zone. The second zone appears to be ultramafic related.

Royal Zone

During 1986 two holes were drilled near Royal Creek to test a near coincident geophysical (mag) and geochemical (Au-As) anomalies. The holes intersected quartz veins containing pyrite and molybdenite cutting silicified metasediments. A reassessment (mapping, soil sampling, magnetometer survey) of the anomalies in 1987 suggest that the targets were not adequately drill tested.

Red Hawk Zone

A small grid was established near the Red Hawk showings on the west side of Cadwallader Creek, northwest of the Royal Zone to test anomalous Au values detected in a previous program by Hudson Bay Exploration and Development Co. Ltd. A programme of geological mapping, VLF-EM survey, and soil sampling did not identify any obvious drill targets.

CONCLUSION AND RECOMMENDATIONS

Results of work during the 1987 Phase I programme and investigations by earlier workers on the Standard Creek Property has identified four areas which exhibit excellent potential for gold bearing mineralization.

Detailed exploration has highlighted drill targets on the Standard, Chopper, Royal and Upper Piebiter Zones. Exploration efforts have also identified other zones of interest including possible extensions of the Standard and Piebiter Zones.

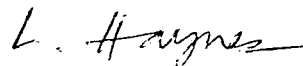
Continued exploration of the Standard Creek Property is recommended. A programme of diamond drilling is proposed for the four zones (Standard, Chopper, Royal, Piebiter). In addition, the caved Standard adit should be reopened in conjunction with the diamond drilling.

A programme of geological mapping, rock and soil sampling and geophysical surveys has been successful in defining gold zones within areas of interest. A similar programme should be continued for assessing other areas of interest on the property including the Chalco, Butte IXL and Butte X-Cal. These areas were not evaluated during Phase I exploration due to budget and time restraints.

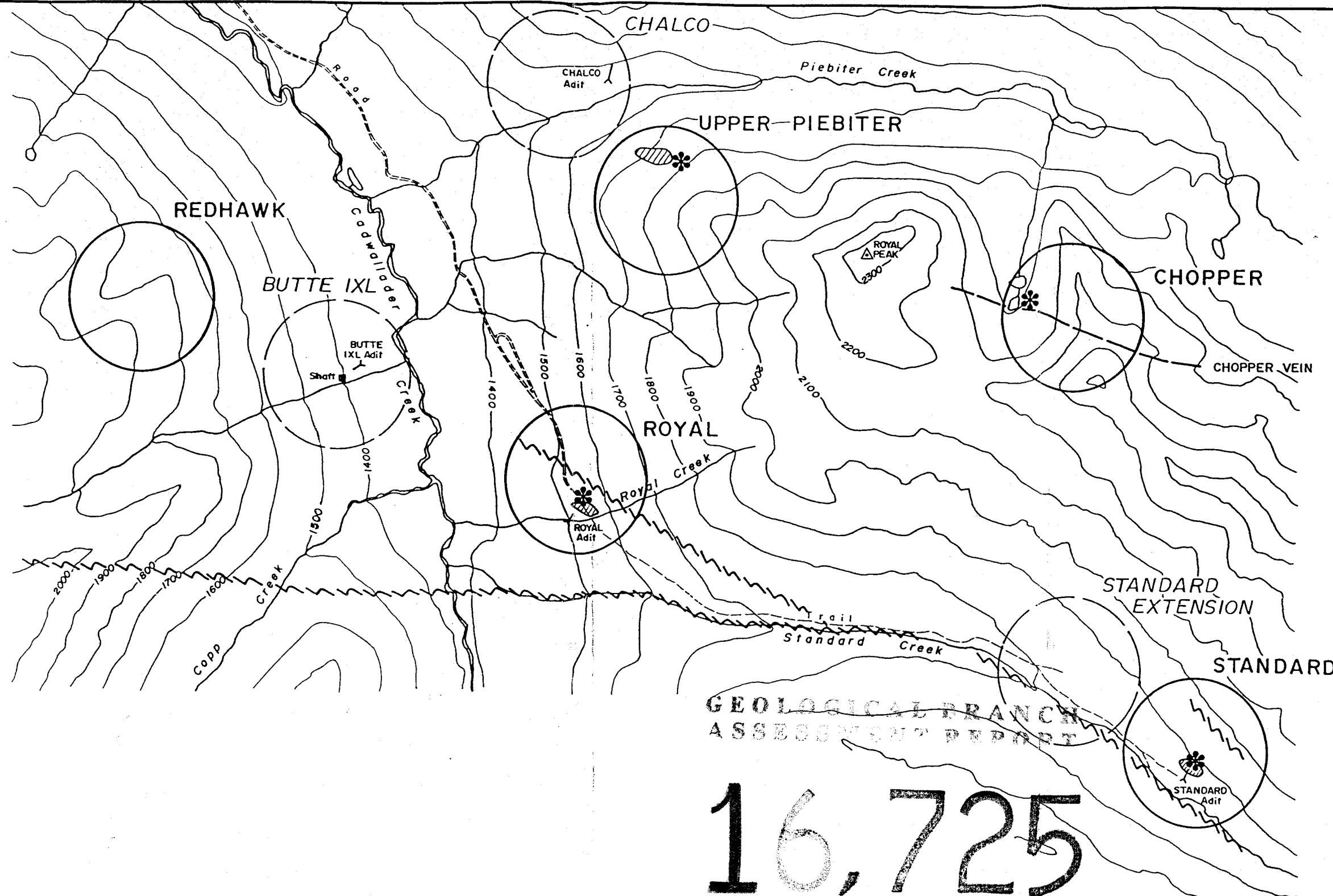
Respectfully submitted,



Tom Carpenter, B.Sc., F.G.A.C.



Larry Haynes, B.Sc., F.G.A.C.

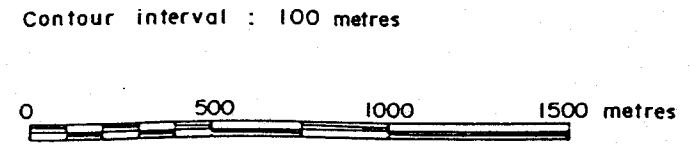


GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,725

- AREA OF INTEREST - Investigated in 1987
- AREA OF INTEREST - To be investigated
- * PROPOSED DRILLING
- ~~~~~ FAULT ZONE
- ▨ MINERALIZED ZONE
- QUARTZ VEIN

PART 1 OF 8



ARMENO RESOURCES INC. TRANS ATLANTIC RESOURCES INC. STANDARD CREEK PROPERTY		
Areas of Interest		
Azimuth Geological Limited	By: _____ Drawn: _____ Date: Sept. 1987	Figure: _____

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