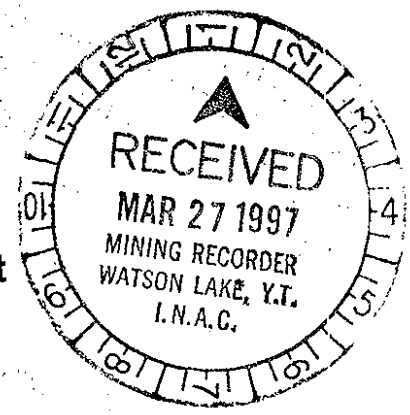
COMINCO LTD

EXPLORATION

WESTERN CANADA

NTS: 105G-9

JANUARY, 1997



ARM Property Assessment Report

DIAMOND DRILLING

Watson Lake M.D.

Work performed August 18 - 21

Latitude: 61° 32'

Longitude: 130° 26'

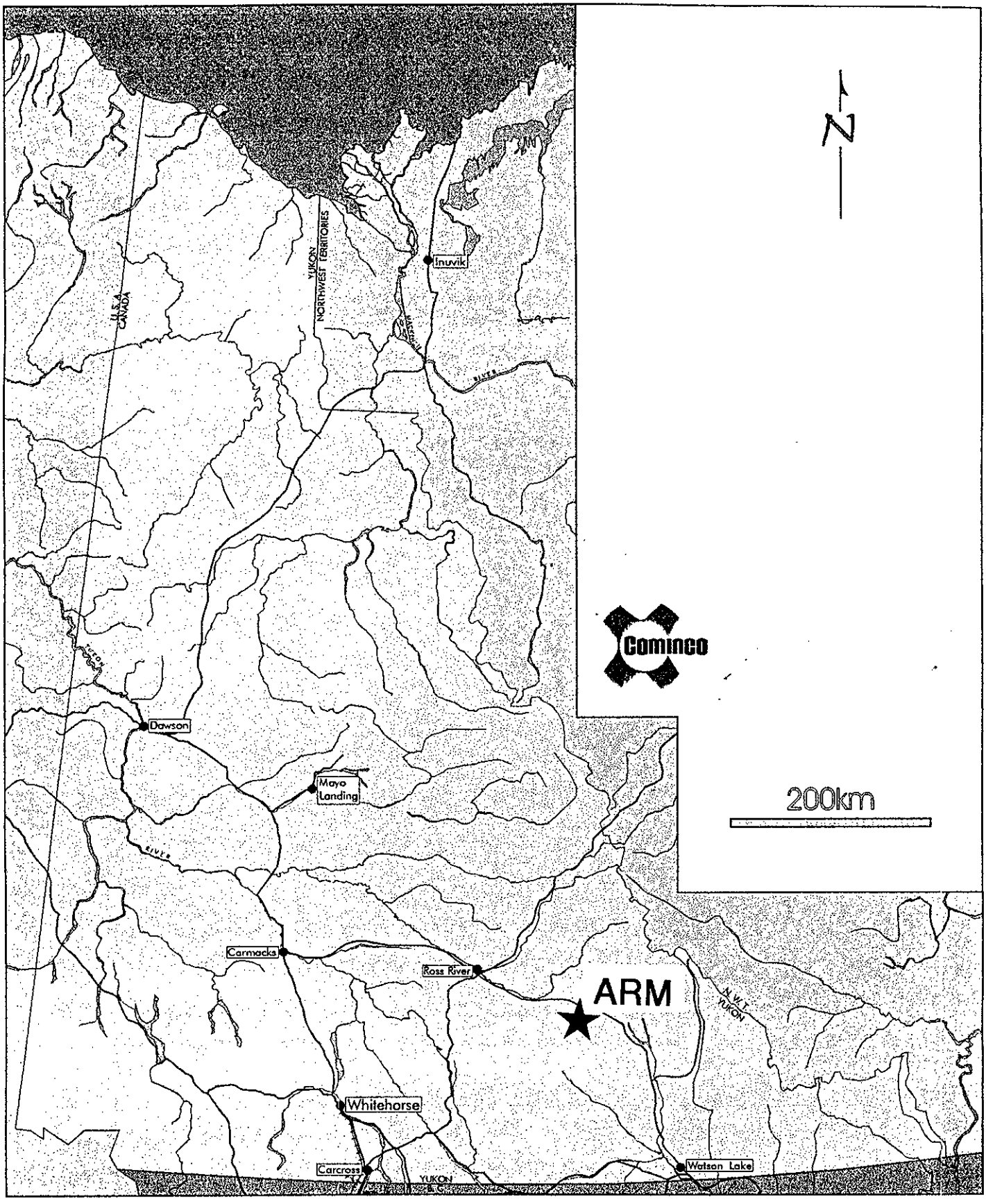
By: H.C. Schultze

093670

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 23,497 .

M. Bahr

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.



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Revised by:	Date:	Revised by:	Date:

Property Location Map

Scale:

Date:

Plate: 1

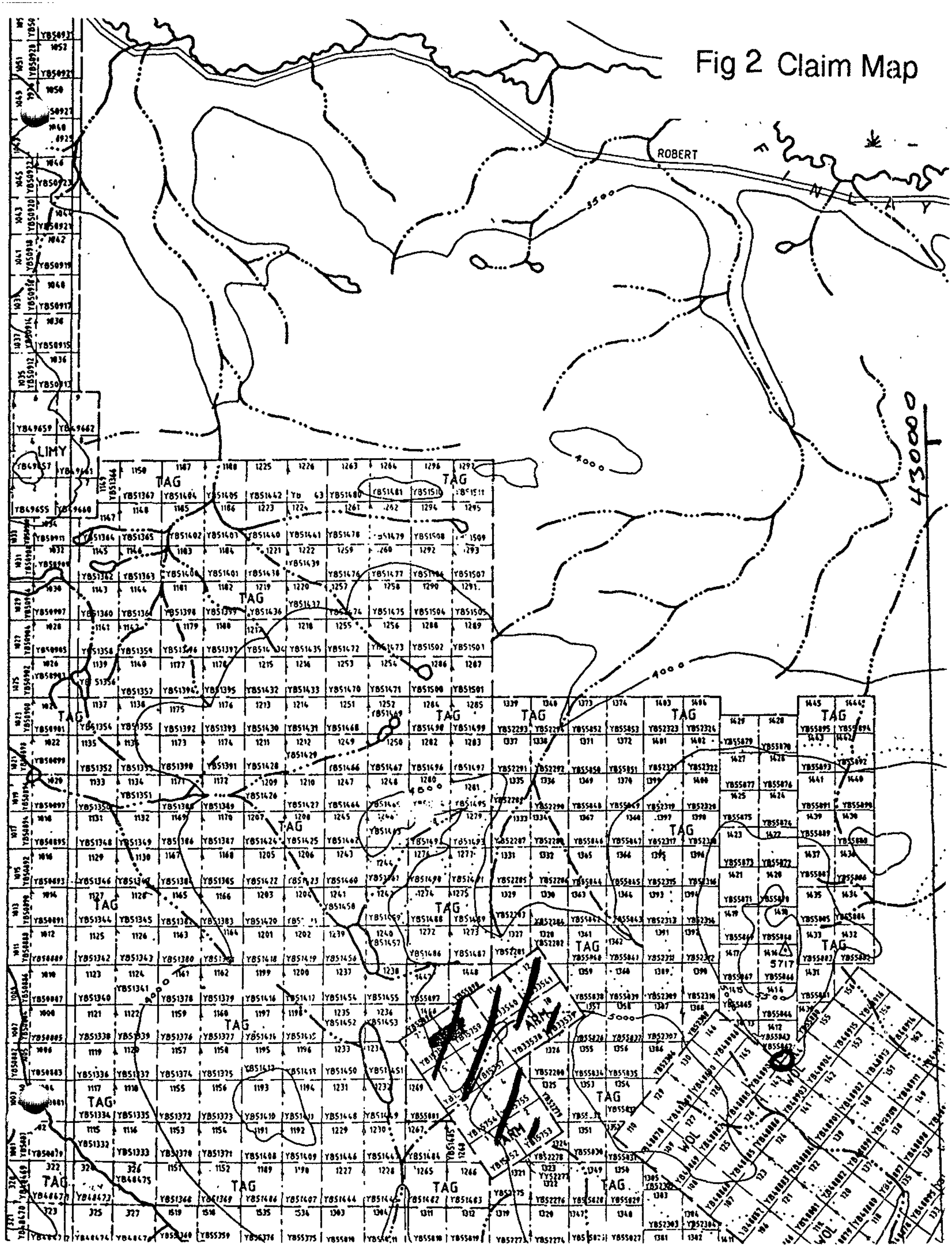

Fig 2 Claim Map

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ARM ASSESSMENT REPORT

COMINCO LTD

EXPLORATION **WESTERN CANADA**

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1. SUMMARY

Felsic volcanic stratigraphy was drilled with one drill hole and negated as a potential host for economic mineralization on the Arm claims. Black clastics that were cored are anomalous in base metals with Cu values to 216 ppm and Zn values to 1159 ppm.

Any potential for significant mineralization exists at greater depth on the claims within the shales or along strike, off of the claim block.

No further work is recommended on the property. Evaluation of the clastics at depth can only be achieved with deep drilling and results to date do not justify this.

2. TENURE AND OWNERSHIP

The Arm claims are owned by Warren Arnholtz and Jan Martensson of Ampex Mining. Claim information is as follows:

Claim	Tag No.	Date of Record	Due Date
Arm 1-8	YB15752-15759	July 31, 1989	July 31, 2001
Arm 9-12	YB33538-33541	August 31, 1990	Aug. 31, 2001

Claim posts for Arm 1-8 were tagged and surveyed with a Trimble Geoexplore GPS unit with corrections applied with Trimble Proexcel basestation data; accuracy to +/- 2 meters. Posts for Arm 9-12 could not be located.

3. LOCATION AND ACCESS

The property is located in southeast Yukon Territory at latitude 61^0 32'N and 130^0 26' W within the Watson Lake Mining District. It lies some 130 km southeast of Ross River and 12 km south of the Robert Campbell Highway near Finlayson Lake. The claims encompass a drainage area bisected by a small creek. Topography is moderate to low in grade and ranges between 1200 m and 1400 m elevation above sealevel.

Access is most easily achieved by helicopter. No roads or cat trails lead to the property.

4. HISTORY

The property is documented in Yukon minfile as occurrence 105G-112 and was known as the Desoto. The area had been prospected since the 1920's however no claims were staked until 1989 after results of a GSC stream sediment survey were released in 1988 (GSC O.F. 1648). The initial claims were staked as the Desoto claims by A. Carlos and added to with the Arm claims by W. Arnholtz later that year. The claims cover a drainage which yielded a highly anomalous silt sample. Total Energold mapped and prospected the property in 1990 while a small geochemical study was carried out by P. Ramaekers for J. Martensson in 1991. Interest was heightened in 1994 after the discovery of Cominco's ABM deposit and subsequently optioned by Cominco. In 1994 Cominco flew the area with airborne geophysics, collected soils and silt samples and did minor prospecting. In 1995 little was done by Cominco other than additional prospecting. In 1996 a 10 km cutline grid was established, ground magnetic, horizontal loop, and gravity surveys were implemented, additional soils and silts were collected along with geological mapping. One diamond drill hole was drilled on the property to a depth of 139.6 m. Claim posts were also located with the help of the vendor and surveyed.

5. GEOLOGY

The claims are underlain by Devono-Missippian, grey weathering black slates, siliceous black shales, and black phyllites. Minor rhyolitic volcanics and dacitic feldspar porphyry occur at the northeast end of the property. Tertiary black shale conglomerates (+/- ultramafic fragments) and a spectacular Tertiary-Recent ferricrete deposit occur in the creek bottom and adjacent slopes. While outcrop exposure is generally poor, felsenmeer and frost boils of shallow subcrop material are common, notably over the shales. In the northeast corner of the property where the volcanics occur exposure is poor however a prominent, resistant, highly siliceous, rhyolite flow breccia unit is preserved. No porphyry has been mapped in place on the property however an igneous body occurs just off the claims on Cominco ground and is believed to trend onto the Arm claims. Contacts between units are interpreted from airborne and ground geophysical domain boundaries and subcrop / float abundances.

The black clastics are characterized by a strong, penetrative foliation striking NW - SE with dips ranging from 20 degrees to 60 degrees NE.

Bedding commonly parallels the main foliation however locally it is preserved at right angles to the foliation. Fault structures, while not obvious at surface, are believed manifest on the property with trends NE - SW, paralleling the main creek bed and smaller valleys, and having steep dips. Indeed a large, brittle fault is thought to underlie the main creek. Evidence for faults includes quartz veined and slickensided rubble at surface and fault gouge and fragmented lithologies in drill core.

The Tertiary conglomerates are present intermittently on the valley floor and also perched locally on adjacent slopes. They vary in size and form, and are most commonly monolithic framework supported masses. The ferricrete deposit measures up to 50 m wide with a longer axis down the creek and has recently formed iron precipitate present as evidenced by plant fragments caught up within it.

6.0 DIAMOND DRILLING

A 139.6 m NQ diameter drill hole was drilled by D.J. Drilling Co. and logged by Paul MacRobbie. The hole was drilled at -60 degrees towards 225 azimuth and collared to test the felsic volcanics and black clastic lithologies at the northeast corner of the property. Core is stored at Cominco's Kudz Ze Kayah Camp at the time of this writing but will be taken off the site by the property vendors in the spring, likely to Whitehorse.

Reworked, heterolithic volcano-sedimentary conglomerates (debris flows), monolithic, felsic flow breccias, and minor siliceous siltstone and argillite were encountered to 26.9 m. A large fault zone occurs between 26.9 and 88.5 meters. The fault lithologies comprise gouged and fragmented sediments, tuffs, and quartz vein material. Black clastics are encountered from 88.5 m to the end of the hole. All lithologies display a strong foliation, commonly at high angles to core axis. Fine disseminated pyrite is present both in the clastics and in quartz veins.

Twenty seven core samples were submitted for analysis. Zn values peak at 1159 ppm and Cu to 216 ppm. The volcanics exhibit low metal concentrations while the shales are distinctly anomalous, increasingly so with depth below surface.

It is believed the metals in the shale / mudstone unit are contributing to the surface soil and silt anomalies present at surface through leaching and precipitation processes.

7.0 CONCLUSIONS

The Arm property is underlain by a geochemically anomalous package of black clastics. Ground water leaching of metals in the shales, fluid migration along faults to the surface, and precipitation of metals in the stream have given rise to highly anomalous stream sediment geochemistry.

The black clastics form a large conductive domain in which it is virtually impossible to choose a discrete conductor which could represent a sulphide body. Negative gravity results, not presented in this report, would mitigate the probability of a sulphide body of any significant dimension existing near surface.

Drilling of the felsic volcanics has negated the potential of this rock unit on the Arm claims.

Any potential for significant mineralization exists at greater depth on the claims within the shales or along strike off of the claim block.

8.0 RECOMMENDATIONS

No further work is recommended on the property. Evaluation of the clastics at depth can only be achieved with deep drilling and results to date do not justify this.

9.0. REFERENCES

Arnholtz, W. 1990. Assessment Report #092891 by R. Basnett

Hornbrooke E. and Friske P. 1988. GSC Open File 1648 - 105G

Martensson, J. 1991. Assessment Report # 093006 by P. Ramaekers

Schultze, H.C. and Hall, D.C. 1997. Arm Property Report. Internal.

Vanderkley, D.G. 1995. Assessment Report. 1994 Geochemistry Results, Arm Claim Group.

Submitted by: _____

H.C. Schultze
Geologist

Approved for Release by: _____

D.W. Moore
Manager, Exploration
Western Canada

Copies: Western District (1)
Mining Recorder (2)

APPENDIX 1

STATEMENT OF EXPENDITURES

1996:

Core Logging:	2,165
Diamond Drilling:	10,760
Helicopter:	7,137
Assays:	755
Domicile:	1,680
Report Writing/drafting:	1000
	23,497

APPENDIX 2

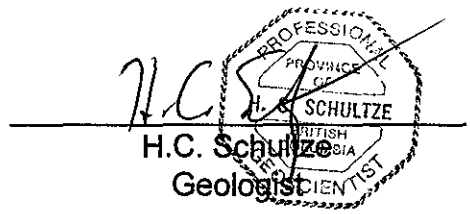
AFFIDAVIT

I, H.C. Schultze of the City of West Vancouver, British Columbia, make Oath and say:

1. That I am employed as a Geologist by Cominco Ltd. And as such, have personal knowledge of the facts to which I hereinafter depose,

2. that annexed hereto and marked Exhibit 'A' to this my Affidavit is a true copy of expenditures incurred from drilling on the Arm Claims,

3. that said expenditures were incurred for the purpose of mineral exploration on the noted claim.



H.C. Schultze
Geologist

APPENDIX 3

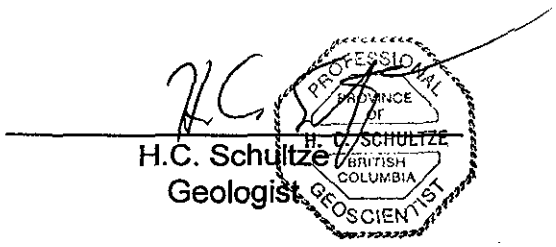
STATEMENT OF QUALIFICATIONS

I, H.C. Schultze of the City of West Vancouver, British Columbia, do hereby certify:

1. That I am a graduate of the University of Calgary, 1988 with a B.Sc. degree, Geology Major.

2. That I have been employed full time by Cominco Ltd. as an exploration geologist for over 8 years

3. That I am a member of the the Association of Professional Engineers and Geoscientists of British Columbia.



H.C. Schultze
Geologist

January, 1997

APPENDIX 4

DRILL LOG AND ROCK GEOCHEMISTRY

Date: 21 Dec, 1996 | COMINCO LTD. | Page: 1 of 4

DRILL HOLE RECORD

Northing:	625	Drill Hole:	AR96-01
Easting:	4000		
Elevation:	1170	Easting:	4000 E
		Northing:	625 N
Collar Azi.:	225	Property Name:	ARM PROPERTY
Collar Dip:	-60	Grid:	ARM
		Drilled by:	LF-70
Hole Length:	139.6	Core Size:	NQ
Completed:	August 20, 1996	Date Started:	August , 1996
Date(s) Logged:	August 22, 1996	Logged by:	PAM
NTS:	105 G 1	Contractor:	DJ Drilling Ltd.
Purpose:	Test HLEM conductors within felsic volcanics and volcanic/mudstone contact.		

From (m)	To (m)	GEOLOGY	Smple	From (m)	To (m)	Lngt (m)	CU PPM	ZN PPM	AG PPM
.0	7.3	OVERBURDEN							
7.3	14.8	REWORKED, HETEROLITHIC VOLCANO-SEDIMENTARY CONGLOMERATE WITH AN ARGILLACEOUS MATRIX Light, medium to dark grey conglomerate comprising 50-60% medium grey, very fine-grained chert/cherty siltstone fragments, 10-15% light green grey, aphanitic felsic volcanic fragments and minor, fine-grained wacke fragments set in a dark grey argillaceous matrix. Fragments range in size from 4 mms to 15 cms(?); no grading is apparent. Pyrite occurs as 2-5% fine to medium-grained euhedral disseminations, primarily within the matrix. Fragments appear to be true fragments and disrupted/transposed bedding. Suggestions of banded/bedded textures are locally present. Fragments are largely flattened and lensoidal in shape. Unit is well broken and contains several norrow gouge zones. Unit represents a mixed conglomerate (debris flow). 10.0 10.7 Several narrow intervals of felsic flow breccia with chlorite-sericite seams/matrix between fine-grained, aphyric siliceous felsic flow fragments?. 10.1 S2 foliation at 85 to core axis; S1/S0 at 75 to core axis. 13.1 S2 foliation at 75 to core axis; S1/S0 at 50 to core axis. 14.5 S2 foliation at 30 to core axis. 14.6 14.8 Two good, medium grey granular textured, massive wacke fragments are present.	R6301 R6302	9.90 13.20	10.00 13.30	.10 .10	69 65	76 50	.5 .5
14.8	17.7	MONOLITHIC, FELSIC FLOW BRECCIA Light green grey, reworked felsic flow breccia consisting of 80-90%, framework-supported, light grey to green grey, aphanitic, very siliceous, quartz-chlorite, felsic flow fragmernts set in a medium green chlorite-sericite-pyrite(2-4%) matrix and seams. Fragments are locally rounded to flattened, lensoidal in shape and appear up to 10 cms in size. Unit is not graded. Evidence of reworking is minor thin black to dark grey cherty interlaminations and seams. Upper and lower contacts appear sharp and conformable.	R6303	17.10	17.20	.10	43	30	.4
17.7	19.8	REWORKED, HETEROLITHIC VOLCANO-SEDIMENTARY CONGLOMERATE WITH AN ARGILLACEOUS MATRIX As above interval; perhaps slightly finer fragment size. Unit has a gradational lower contact over 0.5 m marked by a more, bedded/banded interval dominated by medium grey, fine-grained siltstone with an increasingly chloritic matrix (only a minor argilaceous component to the matrix). 18.1 S2 foliation at 74 to core axis; S1/S0 near parallel to S2.	R6304	19.30	19.40	.10	65	51	.9
19.8	21.2	SILTSTONE Medium grey to slightly greenish grey, crudely banded (likely disrupted and transposed bedding) fine-grained							

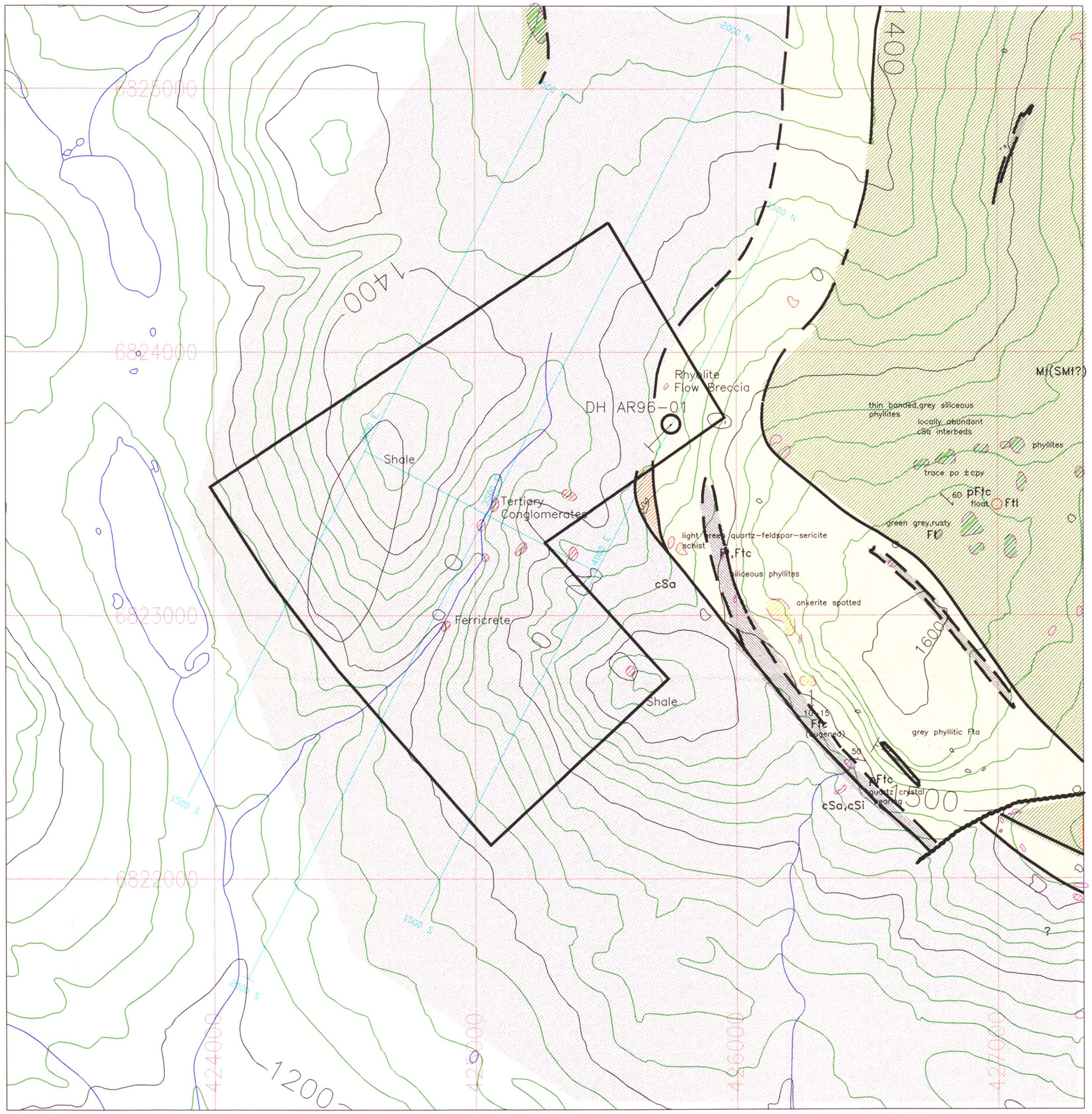
From (m)	To (m)	GEOLOGY	Smple	From (m)	To (m)	Lngt (m)	CU PPM	ZN PPM	AG PPM
		siltstone with chlorite-quartz interlaminations. Siltstones locally contain trace-2%, black biotite? grains disseminated throughout. Siliceous siltstone are cut locally by abundant quartz-calcite veinlets. Pyrite content is 2-3$ as fine to medium-grained disseminations. Lower contact is sharp.							
21.2	23.0	MONOLITHIC, FELSIC FLOW BRECCIA							
		As above 14.8-17.7 interval; perhaps more sericitic (Fe-carbonate?) matrix. Lower contact is gradational.	R6305	22.20	22.30	.10	63	41	.4
		21.3 S2 foliation at 82 to core axis; S1/S0 near parallel to S2.							
23.0	23.8	SILTSTONE							
		As above 19.8-21.2 interval. Gradational lower contact marked by darker chloritic argillaceous seams and interlaminations?.							
23.8	26.9	INTERBANDED/BEDDED CHERTY SILTSTONE WITH LESSER ARGILLITE							
		Medium to dark grey unit comprising intervals of thin to medium banded/bedded?, medium grey, very fine-grained chert/cherty siltstone with minor argillaceous interlaminations and intervals of disrupted, thin bedded, dark grey argillite and siltstone. Good evident of tight folding is present. Lower contact is a sharp fault contact.	R6306	24.80	24.90	.10	31	429	.6
		23.8 24.4 Thin to medium banded/bedded chert/cherty siltstone; minor argillite.	R6307	26.60	26.70	.10	43	41	.4
		23.9 24.1 White quartz veins.							
		24.4 25.3 Tightly folded/transposed mixed argillite and siltstone.							
		24.4 S2 foliation at 83 to core axis; S1/S0 is folded near perpendicular to S2.							
		25.3 26.9 Thin to medium interbanded/bedded chert/cherty siltstone, as above.							
		26.8 S2 foliation at 62 to core axis; S1/S0 is folded perpendicular to S2.							
26.9	73.5	FAULT							
		26.9 White quartz-calcite vein.	R6308	33.30	33.40	.10	32	168	.9
		Very strongly gouged zone developed within variably carbonaceous black mudstones. Core recovery over the entire fault is poor; thin intervals of competant rock are present throughout.	R6309	43.30	43.40	.10	21	533	2.2
			R6310	49.30	49.40	.10	26	52	.7
			R6311	55.00	55.10	.10	53	449	2.8
			R6312	61.30	61.40	.10	49	584	2.6
		26.9 37.5 Abundant black fault gouge; very poor recovery.	R6221	67.20	68.00	.80	37	24	3.0
		37.0 S2 foliation at 15 to core axis.	R6313	73.20	73.30	.10	13	373	.9
		37.5 41.5 Gouged and crushed interval of carbonaceous mudstone with green, chloritic mafic tuff(?) interbeds(?). Poor core recovery.							
		40.0 S2 foliation at 80 to core axis.							
		41.5 49.0 Abundant black fault gouge; very poor recovery.							
		43.1 Thin 3.5 cm wide, fine to medium-grained pyrite(60%)-silica vein?.							
		46.0 S2 foliation at 22 to core axis; S1/S0 near parallel to S2.							
		49.0 50.0 Broken and crushed/gouged carbonaceous, pyritic (5%) mudstone and siltstone. Poor core recovery.							
		50.0 66.7 Abundant black fault gouge; very poor core recovery.							
		50.0 S2 foliation at 19 to core axis; S1/S0 is near parallel to S2.							
		59.5 S2 foliation at 30 to core axis; S1/S0 is near parallel to S2.							
		66.7 67.2 White quartz veins and silicified mudstone; poor core recovery.							
		67.2 68.0 Siliceous black mudstone with 15% pyrite as very fine-grained, wispy discontinous laminations and fine to medium-grained pyrite in irregular/contorted silica-pyrite bands/veinlets? Late white quartz veins are present. Interval is badly broken.							
		68.0 69.9 Very poor recovery of rubbly quartz veins and							

From (m)	To (m)	GEOLOGY	Smple	From (m)	To (m)	Lngt (m)	CU PPM	ZN PPM	AG PPM
		gouge.							
		68.0 S2 foliation at 51 to core axis; S1/S0 is near parallel to S2.							
		69.9 73.5 Poor core recovery; rock is slightly crushed and comprises interbedded? mudstone (locally pyritic) and grey siltstone.							
		71.0 S2 foliation at 56 to core axis; S1/S0 is near parallel to S2.							
73.5	79.0	TUFFACEOUS WACKE							
		Medium to dark grey, crushed and gouged (faulted) interval of granular, sheared massive bedded, pyritic(5%), quartz-sericite-chlorite tuffaceous wackes with argillaceous matrix and minor thin tuffaceous argillite interbeds. Wackes contain 1-7 mms sized, flattened, light grey to green grey fragments (siltstone-tuff??) and granulated quartz crystal fragments. Minor argillite fragments are present locally.	R6314	76.20	76.30	.10	9	455	.6
			R6315	78.20	78.30	.10	8	587	.7
		75.6 S2 foliation at 43 to core axis; S1/S0 is parallel.							
		78.5 S2 foliation is at 47 to core axis; S1/S0 is parallel.							
79.0	88.5	FAULT							
		Strongly crushed and gouged interval with very poor recovery, as above. Interval predominantly black, variably pyritic and carbonaceous mudstones.							
		81.0 S2 foliation at 27 to core axis.							
88.5	113.3	ARGILLITE							
		Black to dark grey, massive to crudely laminated, black, carbonaceous and weakly siliceous mudstone/argillite containing 5-15% pyrite locally as very fine-grained wispy disseminations and laminations and as very fine to coarse-grained diseminations associated with disrupted quartz veins/banmds? and S2 foliation parallel seams/fracture fillings. Interval is well broken with several gouged/crushed zones throughout. Lower contact is gradational marked by an increase in the proportion of medium to dark grey siltstone and silty mudstone interbeds.	R6316	93.50	93.60	.10	61	506	2.1
			R6317	98.60	98.70	.10	69	102	2.0
			R6318	93.80	93.90	.10	67	284	2.8
			R6319	98.20	98.30	.10	131	633	3.4
			R6320	103.40	103.50	.10	73	773	2.2
			R6321	108.70	108.80	.10	63	663	1.6
		90.2 S2 foliation at 77 to core axis; S1/S0 is near parallel.							
		92.8 S2 foliation at 68 to core axis.							
		95.0 S2 foliation at 75 to core axis; S1/S0 is near parallel.							
		97.5 S2 foliation at 76 to core axis.							
		100.0 S2 foliation at 65 to core axis; S1/S0 is parallel.							
		100.8 102.0 Several quartz veins in an interval of mixed mudstone and silty mudstone; minor medium to dark grey siltstone.							
		102.8 S2 foliation at 72 to core axis; S1/S0 is near parallel.							
		105.3 106.0 Increased proportion of dark to medium grey siltstone and silty mudstone interbeds. Siltstones locally have same disseminated, black biotite? as noted near top of the hole.							
		105.5 S2 foliation at 74 to core axis.							
		106.5 108.0 Lost core; fault.							
		108.6 109.1 Siltstone and silty mudstone interbeds present.							
		109.0 S2 foliation at 63 to core axis; S1/S0 is folded.							
		109.1 111.9 Very poor core recovery; crushed/gouged zone; fault.							
113.3	138.7	INTERBANDED/BEDDED ARGILLITE WITH LESSER SILTSTONE							
		Dark grey to black, thin to medium bedded/banded, weak to moderately siliceous interval comprising dark grey silty mudstone and siltstone and black, variably carbonaceous mudstone, as above. Pyrite content is also 5-15%, occuring as in above interval. Lower contact is sharp and	R6322	114.80	114.90	.10	64	89	1.6
			R6323	119.40	119.50	.10	47	423	1.2
			R6324	123.70	123.80	.10	92	674	4.6
			R6222	130.70	132.00	1.30	73	1159	2.5
			R6325	127.90	128.00	.10	216	420	3.1

From (m)	To (m)	GEOLOGY	Smple	From (m)	To (m)	Lngt (m)	CU PPM	ZN PPM	AG PPM
		conmformable.	R6326	134.50	134.60	.10	85	306	2.3
		113.8 S2 foliation at 73 to core axis; S1/S0 is near parallel.							
		115.2 116.3 Very poor recovery of rubbly core; fault.							
		117.5 118.5 Broken and weakly gouged zone.							
		117.5 S2 foliation at 64 to core axis.							
		119.7 120.0 Fault gouge.							
		121.1 121.5 Broken interval with fault gouge.							
		122.0 S2 foliation at 69 to core axis.							
		125.0 S2 foliation at 67 to core axis.							
		127.0 S2 foliation at 74 to core axis.							
		130.3 130.4 Thin white quartz-clay-feldspar? vein.							
		130.4 130.7 Fault gouge.							
		130.7 132.0 Interbedded black mudstone and lesser interbedded silty mudstone and siltstone cut by clear to whitish quartz-pyrite veinlets. Veinlets cut S1/S0, but are locally folded and contorted by S2 foliation (syn-late D2). Pyrite (50-60% in veins; 10-20% throughout) occurs as fine to medium-grained disseminations.							
		131.0 S2 foliation at 45 to core axis.							
		133.1 S2 foliation at 70 to core axis.							
		134.1 134.2 Quartz-feldspar-clay-graphite vein.							
		136.0 S2 foliation at 76 to core axis.							
		137.4 Thin vein and gouge zone.							
138.7	139.6	INTERBANDED/BEDDED SILTSTONE WITH LESSER ARGILLITE							
		Medium to dark grey, strongly transposed, banded siltstone and silty mudstone with 5-15% pyrite occuring predominantly as very fine to fine-grained, S2 foliation parallel seams and disseminations. Last 20 cms appear to be silica flooded and brecciated.	R6327	138.90	139.00	.10	91	17	2.1
		139.0 S2 foliation at 70 to core axis.							
139.6		END OF HOLE							

Ar96-01	FROM	TO	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
r6301	9.9	10	69	21	76	0.5	5	186	<1	9	31	2.44	5	59	<5	17	10	<2	<2	68	2	2	1013
r6302	13.2	13.3	65	15	50	0.5	2	222	<1	6	25	1.87	2	69	7	8	9	<2	<2	60	2	3	933
r6303	17.1	17.2	43	<4	30	0.4	5	192	<1	4	18	1.02	<2	80	16	<5	5	<2	<2	62	<2	2	1030
r6304	19.3	19.4	65	8	51	0.9	<2	186	<1	6	30	1.66	3	66	<5	24	9	<2	<2	83	2	3	864
r6305	22.2	22.3	63	10	41	0.4	64	140	<1	7	12	1.79	2	76	6	72	14	<2	<2	199	2	5	2333
r6306	24.8	24.9	31	45	429	0.6	444	126	4	8	29	1.98	8	44	8	34	3	<2	<2	128	5	7	757
r6307	26.6	26.7	43	9	41	0.4	211	159	<1	6	15	1.08	<2	57	13	21	2	<2	<2	217	2	3	922
r6308	33.3	33.4	32	12	168	0.9	15	167	2	3	29	0.83	8	79	<5	11	16	<2	<2	93	12	12	221
r6309	43.3	43.4	21	14	533	2.2	45	46	10	1	47	2.2	28	84	<5	<5	45	<2	<2	71	7	3	28
r6310	49.3	49.4	26	6	52	0.7	12	126	<1	2	16	0.74	11	71	<5	9	7	<2	<2	39	3	9	151
r6311	55	55.1	53	24	449	2.8	113	47	7	4	47	1.91	10	39	10	10	9	<2	<2	131	9	4	180
r6312	61.3	61.4	49	25	584	2.6	57	48	9	4	51	1.98	18	44	<5	18	12	<2	<2	48	9	3	41
R6221	67.2	68	37	22	24	3	39	11	<1	2	52	6.73	<2	85	<5	15	<2	<2	<2	7	<2	<2	39
r6313	73.2	73.3	13	22	373	0.9	43	76	6	2	23	1.24	10	48	16	12	6	<2	<2	32	6	5	63
r6314	76.2	76.3	9	20	455	0.6	2	117	1	3	17	1.16	<2	36	14	12	<2	5	<2	9	8	7	179
r6315	78.2	78.3	8	11	587	0.7	13	88	12	4	20	1.3	5	31	15	16	4	<2	<2	23	8	7	168
r6316	93.5	93.6	61	11	506	2.1	42	72	<1	9	45	4.18	4	52	<5	18	4	<2	<2	17	8	5	2536
r6317	98.6	98.7	69	26	102	2	104	29	5	10	74	4.01	5	29	<5	34	12	<2	<2	54	5	2	35
r6318	93.8	93.9	67	27	284	2.8	38	33	2	6	71	2.84	9	43	<5	51	18	<2	<2	50	6	2	29
r6319	98.2	98.3	131	10	633	3.4	142	60	8	7	153	2.31	15	58	5	90	53	<2	<2	978	21	4	59
r6320	103.4	103.5	73	8	773	2.2	68	43	14	4	92	2.01	18	65	<5	43	42	<2	<2	428	7	4	29
r6321	108.7	108.8	63	9	663	1.6	49	66	6	10	88	1.77	30	47	<5	44	18	<2	<2	62	2	5	55
r6322	114.8	114.9	64	10	89	1.6	37	63	2	5	90	1.98	34	53	7	16	20	<2	<2	140	9	5	53
r6323	119.4	119.5	47	6	423	1.2	37	138	10	2	64	0.9	11	67	8	32	42	<2	<2	526	15	4	42
r6324	123.7	123.8	92	9	674	4.6	19	94	10	5	53	1.66	21	82	<5	28	57	<2	<2	1403	47	11	101
R6222	130.7	132	73	8	1159	2.5	58	15	15	2	111	6.76	26	73	<5	36	64	<2	<2	267	10	4	30
r6325	127.9	128	216	12	420	3.1	71	36	6	6	113	3.35	57	63	8	40	48	<2	<2	151	5	9	63
r6326	134.5	134.6	85	16	306	2.3	53	31	5	10	102	3.07	28	57	<5	19	18	<2	<2	57	2	7	44
r6327	138.9	139	91	17	17	2.1	<2	33	<1	7	42	3.63	2	55	<5	13	4	<2	<2	251	4	8	81

Ar96-01	FROM	TO	Mg	Ti	Al	Ca	Na	K	Au
			%	%	%	%	%	%	ppb
r6301	9.9	10	0.83	<.01	1.05	0.65	<.01	0.06	10
r6302	13.2	13.3	0.59	<.01	0.84	0.54	<.01	0.06	10
r6303	17.1	17.2	0.36	<.01	0.43	0.51	<.01	0.06	10
r6304	19.3	19.4	0.63	<.01	0.87	0.66	<.01	0.06	10
r6305	22.2	22.3	0.51	<.01	0.87	1.61	0.02	0.03	10
r6306	24.8	24.9	0.42	<.01	0.24	1.1	<.01	0.1	60
r6307	26.6	26.7	0.23	<.01	0.24	2.15	0.01	0.07	10
r6308	33.3	33.4	0.18	<.01	0.19	1.78	<.01	0.08	10
r6309	43.3	43.4	0.05	<.01	0.15	0.49	<.01	0.05	10
r6310	49.3	49.4	0.19	<.01	0.2	0.79	<.01	0.06	10
r6311	55	55.1	0.28	<.01	0.13	1.1	<.01	0.08	10
r6312	61.3	61.4	0.07	<.01	0.16	0.6	<.01	0.08	10
R6221	67.2	68	<.01	<.01	0.07	0.08	<.01	0.05	
r6313	73.2	73.3	0.09	<.01	0.17	0.49	<.01	0.11	10
r6314	76.2	76.3	0.03	<.01	0.26	0.18	<.01	0.14	10
r6315	78.2	78.3	0.06	<.01	0.38	0.28	<.01	0.12	10
r6316	93.5	93.6	0.04	<.01	0.19	0.18	<.01	0.12	10
r6317	98.6	98.7	0.01	<.01	0.2	0.19	<.01	0.12	10
r6318	93.8	93.9	0.02	<.01	0.2	0.3	<.01	0.12	10
r6319	98.2	98.3	0.01	<.01	0.21	1.14	<.01	0.08	10
r6320	103.4	103.5	<.01	<.01	0.12	0.29	<.01	0.06	10
r6321	108.7	108.8	<.01	<.01	0.11	0.07	<.01	0.04	10
r6322	114.8	114.9	<.01	<.01	0.13	0.25	<.01	0.06	10
r6323	119.4	119.5	<.01	<.01	0.16	0.62	<.01	0.07	10
r6324	123.7	123.8	0.02	<.01	0.36	2.06	<.01	0.1	10
R6222	130.7	132	<.01	<.01	0.19	0.39	<.01	0.07	
r6325	127.9	128	<.01	<.01	0.17	0.14	<.01	0.08	10
r6326	134.5	134.6	<.01	<.01	0.16	0.03	<.01	0.08	10
r6327	138.9	139	<.01	<.01	0.17	0.15	<.01	0.09	10



GEOLOGY LEGEND

- Feldspar Porphyry
- Mafic Volcanics
- Felsic Volcanics
- Greywacke
- Mudstones
- Drill hole
- 60 Foliation
- Outcrop
- Subcrop
- Contact
- Fault

093670

N.T.S. 105G/9

0 200 400 600
METRES

ARM PROPERTY

Drawn by: HCS	Traced by:	
Revised by:	Date:	Acad file: ARM

GEOLOGY (1)

SCALE: 1:10,000 | DATE: Jan.1997 | PLATE NO: 3

600N

1200

1100

1000

625.00N
4000.00E

CU PB ZN AG AU INTERVAL

OVB

SQFF

FFBX

SQFF

SASI

FFBX

SCSA

FLT

TSK

FLT

SA

SASI

SISA EOH

EOH
139.60m
AR96-01

600N

LEGEND

OVB	OVERBURDEN
SA	ARGILLITE
SASI	ARGILLITE – SILTSTONE I/B'S
SCSA	CARBONACEOUS MUDSTONE
SI	SILTSTONE – MINOR ARGILLITE
TSK	WACKE – TUFFACEOUS
FFBX	FELSIC FLOW BRECCIA – MONOLITHIC
SQFF	CONGLOMERATE – HETEROLITHIC VOLCANO/SEDIMENTARY
FFSQ	CONGLOMERATE – HETEROLITIC VOLCANIC
FLT	FAULT
QVN	QUARTZ VEIN

SCALE 1:500

10 0 10 20 30 40

METRES

PELLY PROJECT 1996

093670

Drawn by: PAM
Revised by: PAM
Traced by:
Revised by: PAM

DDH AR96-01
Looking West

(2)

Scale: 1:500
Date:
Plate: 4