Di O rict G	eologist, Nelson	Off Confidential: 91.11.08
ASSESSMENT	REPORT 20841 MINING DIVISIO	N: Fort Steele
PROPERTY: LOCATION:	Estella LAT 49 47 00 LONG 115 3 UTM 11 5515240 599585 NTS 082G13E	7 00
CAMP:	001 Purcell Belt (Sullivan)	
CLAIM(S): OPERATOR(S AUTHOR(S): REPORT YEA COMMODITIE SEARCHED F KEYWORDS:	Lewis 22,TC 2): Cominco Bakra Res. Schultze, H.C. R: 1990, 18 Pages S OR: Lead,Zinc,Silver Proterozoic,Fort Steele Formati Creston Formation,Clastics,Fold Sulphides	on,Aldridge Formation s,Faults,Intrusives,Quartz veins
WORK DONE:	Drilling DIAD 261.3 m 3 hole(s);NQ	
MINFILE	UKZGNWUUK.DKZGNWUAK	





LAT: 49° 46'N

LONG: 115°36'W

OPERATOR

COMINCO LTD.

KOOTENAY EXPLORATION 1051 INDUSTRIAL ROAD #2 CRANBROOK, B.C. V1C 4K7

Work Performed During September and November, 1990

Report by: H. C. Schultze Submitted: December, 1990

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PROPERTY LOCATION MAP

MAP - ESTELLA CLAIMS AND DRILL HOLE LOCATIONS \checkmark

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COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

DIAMOND DRILLING REPORT

LEWIS 22 AND TC2 MINERAL CLAIMS

FORT STEELE MINING DIVISION

H. C. Schultze

December, 1990

1.00 INTRODUCTION

1.10 Location and Access

The property is located 28 km east of Kimberley, B. C. and 9 km east of Wasa, B.C. and is centred on N.T.S. map-sheet 82G/13E at latitude 49°46' and longitude 115°36'.

The property is accessed by Highway 93/95 to Wasa (773 m asl.), thence eastward 10 km along Lazy Lake secondary road, thence along the Lewis Creek road for 15 km to the Estella mine site in the Tracy Creek basin (1798 m asl.). A steep 5 km long 4-wheel drive road exists within the Tracy Creek drainage and lies between the Estella mine site and the Lazy Lake road.

1.20 Property Definition

The Estella property is a joint venture option involving Cominco Ltd., Bethlehem Resources Ltd. and Bakra Resources Ltd. in which the claims of each company, covering over 2680 hectares in this area, have been grouped together. Cominco is the operator. Diamond drilling was carried out on the Lewis 22 (Rec. 3673) and TC2 (Rec. 2937) mineral claims.

1.30 <u>Topography and Vegetation</u>

The vegetation varies from very thick to open (on talus) while topography is steep everywhere and varies from 920m to 2649m in elevation. In the vicinity of the minesite the slopes are steep and treacherous.

1.40 <u>History</u>

The Estella deposit was discovered in 1895 and explored intermittently until 1950. From 1951 to 1953 Estella Mines Ltd. produced 67,000 tons containing 1.5 oz/ton $Ag_{A_2}.3\%$ Pb and 9% Zn. Subsequent acquisition was by Copper Soo Mines Ltd. who then amalgamated with Giant Mascot Mines Ltd., resulting control was 60% and 40% interest respectively. In 1966 and 1967 51,000 tons

was produced containing 1.9 oz/ton Ag, 4.2% Pb and 7.6% Zn. In 1970 Giant Mascot obtained 100% of the Estella property; in 1983 Giant Mascot became an asset of Campbell Resources Inc. In 1987 L. Mikulic staked claims surrounding the 14 remaining Estella crown granted claims and optioned the claims to Bakra Resources Ltd. who had Mag, EM, geochemical and geological work performed. In 1988 Bethlehem Resources Ltd. obtained control of the Estella crown granted claims from Campbell Resources. Cominco staked and Lewis claims in 1988, 1989 and 1990. Cominco optioned Stel ground controlled by Bethlehem and Bakra in 1989 and has since studies, geochemical and geophysical geological conducted surveys.

Finance statements for the periods of production at Estella have not been studied, however considering acquisition and capital costs and the small tonnages produced, it is unlikely that any profits were realized.

2.00 DETAILED TECHNICAL DATA AND INTERPRETATION

2.10 DRILLING

2.11 Purpose and Scope of Drilling

Three holes were drilled on two EM anomalies at locations shown on the property map. Hole names are E90-1, E90-2 and E90-3. Hole E90-1 entered gabbro, interpreted to be a dike, and was stopped because the target was assumed to be stratabound. An alternative drill site was selected and E90-2 cored a graphitic argillite that is interpreted as the EM conductor. Hole E90-3 cored argillite and subwacke cut by numerous pyritic quartz and calcite veinlets, interpreted as the weak EM conductor at this location.

2.111 <u>Core Storage</u>

Core from the drilling being reported on is stored at Cominco's exploration core storage area at the Sullivan Mine in Kimberley.

2.12 RESULTS

Results of drilling the three holes are given below. Detailed drill logs and analyses appear in Appendix A.

2.121 DDH E90-1

Drill hole E90-1 was collared at an elevation of 1360m at UTM coordinates 601 030E/551 8715N on September 26, 1990 and abandoned September 30 at 28.96m due to technical difficulties resulting from extremely fractured ground. The hole was drilled at -70° azimuth towards 270° azimuth. From the base of overburden at 5.48 to 28.96 m, a dark green hornblende rich gabbro was

2

cored. Within the gabbro are numerous thin to 20 cm thick quartz veins which are typically barren, however some contain traces of malachite and azurite and <1 to 2% chalcopyrite. Core is extremely broken and fractured while traces of malachite are localized along some of the fractured surfaces. A pervasive foliation preserved in fragments of core is consistent at 35° to core axis.

2.122 DDH E90-2

Drill hole E90-2 was collared at an elevation of 1360m 50m north of DDH E90-1 on October 1 in another attempt to drill test the stratigraphy here. It was drilled at -70° towards 270° azimuth to a total depth of 181.4m.

From the base of overburden at 14.02 m, drilling cored a soft, thin to medium bedded, carbonaceous, dark grey to black argillite unit with variably calcareous and siliceous zones to a depth of 169.30 m. Within this unit is a light grey ankeritic wacke unit C 27.13 to 31.3 m. Felsic intrusives exists C 31.50 - 32.72 m and 44.70 - 58.43 m. Bedding is intensely folded in the argillite unit with bedding to core axis angles ranging from 90° to 0° over the entire interval; numerous zones are highly fractured and some zones are intensely sheared.

From 68m to 169.30m the argillite unit becomes increasingly graphitic; from graphite localized along sheared bedding planes at 68m to wholly graphitic, highly conductive beds at depth.

The graphitic argillite unit is underlain at 169.30m by a thin bedded, thin laminated cream to yellow to green variably siliceous dolomite unit, cored to the end of the hole at 181.40m. Bedding to core axis angles in this unit are consistent at 70°.

Quartz veinlets present within the last 20m of core in places contain weak disseminations of galena and pyrite.

The hole was completed October 23, 1990; the extended duration resulting from extremely broken and sheared ground conditions within the argillite unit hampering drilling.

2.123 DDH_E90-3

Drill hole E90-3 was collared at an elevation of 1610m at UTM coordinates 599 450E/551 5330N on October 25 and drilled vertically to a depth of 50.90m. The hole was completed October 27.

From the base of overburden at 12.8 m to 50.9 mm is a sequence of thin bedded, medium to dark grey argillite and subwacke units. Bedding to core angles are relatively consistent at 80° to 90°. Quartz and calcite veinlets <3 m wide are ubiquitous throughout the hole and commonly contain disseminated or aggregates of subhedral to euhedral pyrite. Where these veinlets are weathered limonite is abundant. From 29m and below limonite decreases in abundance and Fe-sulfides in quartz-calcite filled fractures increases.

3.00 DISCUSSION

3.10 DDH E90-1

Drill hole E90-1 cored a mafic intrusion having mineralogies and textures characteristic of Moyie intrusions elsewhere on the property and in the region. This particular intrusion is a dike. The presence of copper bearing minerals is interesting, however their occurrence in the dike is primarily restricted to thin veins and in insufficient abundance to warrant follow-up.

3.20 DDH E90-2

With the exception of a thin wacke member and thin felsic dikes, hole E90-2 cored a thick sequence of carbonaceous to graphitic argillites and a lower siliceous dolomite unit. These units correlate with units stratigraphically low in the Proterozoic Aldridge Formation in the Hughes Range.

The rocks are highly sheared and fractured and contain only minor amounts of Pb-Zn mineralization in association with veining.

3.30 DDH E90-3

Drill hole E90-3 cored sediments characteristic of the Aldridge Fm. here having a network of pyrite bearing quartz and calcite filled fractures.

4.00 CONCLUSIONS

No mineralization of economic significance was obtained in drill holes E90-1, E90-2 nor E90-3.

Report by: H. C. Schultze Geologist 1

Endorsed by: D. Anderson, P. Eng. Senior Geologist

Approved by:

N. J. Mealt

W. J. Wolfe, P. Eng. Manager Exploration Western Canada

HCS/el

Distribution:

Mining Recorder (2 copies) Western District, Exploration Kootenay Exploration Bakra Resources Bethlehem Resources

EXHIBIT "A"

STATEMENT OF EXPENDITURES

DIAMOND DRILLING - LEWIS 22 AND TC2 CLAIMS

DIAMOND DRILL HOLES E90-1, E90-2, E90-3

FORT STEELE MINING DIVISION

Mobilization/Demobilization out of Edmonton\$2500Night and Day Drilling,
Box 137,
Edmonton, AB T5J 3S2\$10000Roadwork, drill pads, standby\$10000Drilling (3 holes)\$11250Muds and additives\$1500Salaries:H. C. Schultze - 20 days @ \$200/day
- planning, report writing,
supervision\$4000

TOTAL:

\$29250

IN THE MATTER OF

THE B.C. MINERAL ACT

IN THE MATTER OF A DIAMOND DRILLING PROGRAM CARRIED OUT ON THE LEWIS 22 AND TC2 MINERAL CLAIMS

> in the Fort Steele Mining Division of the Province of British Columbia

More Particularly N.T.S. 82G/13E

AFFIDAVIT

I, H. C. Schultze, of the City of Cranbrook, in the Province of 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 on a diamond drilling program conducted on the Lewis 22 and TC2 claims during September and October of 1990.

H. C. Schultze

Geologist 1

7:

STATEMENT OF QUALIFICATIONS

I, H. C. Schultze, of the City of Cranbrook, 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 am employed by Cominco Ltd. as an exploration geologist:
- 3. That I have been actively involved in mineral exploration for the past six years.

H. C. Schultze

Geologist 1 Cominco Ltd. APPENDIX A

DRILL HOLE LOGS AND ANALYSES

			·						
	Drill Hole Reco	rd .	·····	но се	Cominca				Î
-	Property ESTELLA		District WESTERN	Hole No. E90-1	•••				
Π	Commenced SEPTEMBER	26 1990	Location NORTH GRID LEWIS CREEK	Tests at NONE	Hor, Comp.	52			
ii 🛛	Completed SEPTEMBER 3	0_1990	Core Size NO	Corr. Dip -70*	Vert, Comp.		5	12	Į
ļ	Co-ordinates 1760N/16	50E		True Brg. 270°	Logged by HCS	§	ā	18	Ē
	Objective To test a 1	00 mho∼p1us U	TEM conductor	% Recov. 90%	Date OCTOBER 1990	<u> </u> #	ja Es	là.	ž
	Feetings Matana Descr	intion		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		l- Vsia	<u>lð</u>	۵
	From To		·····						F
				•				<u> </u>	<u> </u>
	U - 5.48	Overburder	n .		•	'	_	[┣
	5.48 - 28.98	Gabbro.		anthoday days				-	⊢
8			the to redita organizations,	BADDAGLET ¹ Gelk	Freed DornDiende (45%) and		-		
		calcite ()	35%) and subsdral blotits (5%)	, pyrite (2-3%), 11	menite (1-2%), and dolomite		-		
	•	(8-10%) fo	orming an anisotropic, felted	groundmass parallel	to follation (35° to c/m).				
1		Quartz vei	ins varying in width from <1 c	m to 20 cm are com	won and parallel the strain		_		
		fabric.	Nalachite and azurite beari	ne limonitic/oveitic	- fracture concer evict at				
		14 77 - 11			· · · · · · · · · · · · · · · · · · ·				
ŀ		14.33 - 18	M and 16.16 - 17.05 M. (balcopyrite (1-2%)	bearing pyrite-quarts veins				
	•	exist at 1	17.68 - 17.71 m and 17.98 - 18	.10 m.				 	
								<u> </u>	L
			•				<u> </u>	<u> </u>	⊢
					•		-	┢	⊢
							<u> </u>	┢	┢─
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	1							1	\vdash
	1		** END OF HOLE AT 28.96 M **						+
	1		** END OF HOLE AT 28.96 M **				-	\vdash	
			** END OF HOLE AT 28.96 M **					-	┢
			** END OF HOLE AT 28.96 M 34						

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Property Estella	District Western	Hole Na. E90-2	V V				Ι.	
Commenced October 1, 1990	Location North Grid - Lev	wis Ck. Tests at	Hor. Comp.	1 8	:		1	
Completed October 23, 1990	Core Size NQ	Corr. Dip -70°	Vert. Comp.			.	1.2	Ę
Co-ordinates 1810 N/1640 E		True Brg. 270	Logged by HCS	و ا	270	물주	Ĩ	2.30
Objective To test a 100 mho - r	plus UTEM conductor	% Recov. 85%	Date October 1990		ri E		2	1
SANSE Meters Description		<u>·</u>		Analy	yala	<u> 8_</u>	Ē.	~
rom To				İ	È			ľ
0 - 14 02	washundan		•					┦
V - 11102 V	ABLDULGAU				⊢-	\rightarrow		4
14.02 - 14.50 B	roken, rubbly core compris oarse crystalline veln qua:	sing soft, carbonaceous, d rtz fragments with <1% Py p	ark grey argillite. White resent in this interval.			-+	\neg	ł
14.50 - 14.55 3	cm wide quartz (80%), Fe	-calcite (18%), and pyrite	veinlet lles 8 35° to c/a.					I
A F	djacent dark-grey argillit e-calcite.	tes are heavily fractured	and healed with quartz and		┝╍┥			ļ
14 68 - 14 88		· · · · · · · · · · · · · · · · · · ·			<u> </u>	 +	\dashv	ļ
14.00 - 11.00 L.	rains set within an Fe ric?	line grained, greenish/gr h carbonate matrix, subhedr	ey wacks(?); fine quartz al pyrits (<1%) up to 2 mm	_ <u></u> +	\dashv	+	\dashv	ł
11	s disseminated throughout.	Strong foliation develope	d 6 20° to c/a.		-+		-+	ł
14.85 - 23.90 D	ark grey, carbonaceous ar;	gillite with variably silic	eous zones. Faint, wispy,	· +	-+		-+	t
B	lite, very thin, calcareous edding to c/a 4 15.25 m is	I laminae accentuate bedding 82°. Small sheared zones	g. Core is quite rubbly. parallel to bedding exist		+	\rightarrow	+	f
ar	id contain 2 - 3% pyrite.	. Quartz velning on the	millimetre scale to that		\neg	\uparrow	1	ſ
-41	aining and often forms very	Pyritization is intimaty y thin selvages.	tely associated with the				二	ſ
23.90 - 25.50 Fr	ault. Limonitic gossanous	zones plus quartz, calcite	and intensely sheared and				1	Ĺ
br	ecciated dark grey, carbon	accous argillite. Shearing	g to c/m 8 25.6 m is 15°.		+	_+	-+	ŀ
25.50 - 27.13 Rr	ibbly broken core. Dark gr	sey argillite with white, c	alcareous, wispy laminae.	+	+	_ +	-+	ŕ
27.13 - 31.30 L/	ight greenish/grey wacke(?) very similar to that	encountered & 14.85 m.	+-	+	-+		r
Py pi	rite-limonite present as mailed to foliation. Foli	disseminations and also flation to c/a is 28°.	in 1 to 3 mm wide bands		1	_	士	Ī
31.30 - 31.50 Sb	lear zone. Intensely shear	ed, strained fabric with r	massive pyrite veining (4	+	-ŀ	+	+	í
	, arge) erout aren bâtrre e	"NO GUELLY THO CETCICE DENGS	I to 5 mm thick.			<u> </u>		1

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Property	District	Hole No. E90-2	· · · · · · · · · · · · · · · · · · ·			1	
Commenced	Location	Tests at	Hor, Comp.			1	
Completed	Core Size	Carr. Dip	Vert. Comp.	<u></u>			
Co-ordinates		True Brg.	Logged by				
Objective		% Recov.	Date		ž.		Š.
			······································	Ana	alysis		<u></u>
Footage Descriptio	n				<u> </u>	┠──┤	
	······································	-		. –		┢─┤	
31.50 - 32.72	Felsic intrusive. Alks	line feldspar phenocrysts u	p to 1 cm suspended within Byrite and limonite acco	• ·		╞──╂	
1	fine grained chioritic, disseminated within and	as fracture fill and forms	up to 5% of the rock volume	· –	- 	┼─┼	
		and that combon on and	111te. Fractures healed	by `· —		┢╾┤	
32.72 - 34.05	numertz and calcite in ro	ughly equal proportions.	eSs content is lower than t	he		┢──┼	
	altered intervals above	being on the order of 2 to	3%.			┝╌┼	
84.05 - 44.55	Medium bedded dark grey	to black carbonaceous argil	lite with interbedded thin	to 🗕		┢─┤	
1 34.00 01.00	medium bedded argillaced	ous, dark grey limestone. F	aint, white, wispy calcareo se strain fabric. Small F	us	+		
	calcite/calcite and quar	tz veinlets are common. Py	(1-2%) is typically confin-	ed -		┢╾┼	
	to these veln filled f	ractures. Bedding to c/a	6 42.2 m is 60°; veinte (1-2 cm) lie subparaliei	LS	-+	╄━╌╁	
	bedding. A very thin (1 mm) red garnet and calc	ite bearing fracture exists	• -	~}	} —†	_
	43.3				-{	┼─┼	
24.55 - 44.70	Fault. Lies @ 70° to	c/a. Zone comprises ap	proximately 35% quartz, 3	0% -	+-	<u>}</u> −-†	
	brecciated, carbonaceou	s argillite plus styloliti	C Carbon Dearing seams, 3	°* –		┼╌┤	
	CALCILE, 3% SEFECTLE AND		turnely (1-1	
44.70 - 58.43	Light grey/green, fine g	rained felsic, chioritic in peroximately 50% fine grain	ncrusive (resemples an alter ned quartz plus feldspar, 2	5%	- -		
•	chlorite, 15% calcite,	5 - 8% pyrlts, 2 - 3% spl	tene and 1 - 2% ilmenite(?	2: F			_
	Texturally the unit crosscutting relationshi	is similar to an alcore of exist with varying luter	nal compositions and fabric	s. · [1		
	Subhedral to euhedral	yrite commonly forms aggre	ate and is focused into ban	ds –	1	\square	
	paralleling the foliat	on throughout the interview 45,93 - 46,43 and 49.41	m. Crosscutting quartz a	nd	+	1-1	
	calcite and FeCOs and P	rite veins and veinlets are	ublquitous.		+		_
				L		<u></u>	

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-----. teeminee e Plai Property District Hole No. E90-2 Commenced Location Tesis at Hor. Comp. Ъ Completed Core Size Corr. Dip Vert, Comp. Co-ordinates True Brg Logged by Objective % Recov. ġ Į digna Date Footage From Description Analysis Τô Fault. Predominantly strained quartz and calcite with lesser pyrite (5%) and carbonaceous solution seams. Foliation to c/a is 25°. 58.43 - 58.85 Dark grey to black, carbonaceous, locally calcareous , graphitic shales. Intermittent white wispy calcareous laminae. This (1 to 2 mm) calcareous weinlets are common. Bedding is extremely variable sometimes lying parallel to the c/a to perpendicular. So, to c/a 6 61.48 m is 5°. So, to c/a 6 69.25 is 70°. Similarly veinlets can parallel bedding or lie 6 45° to c/a and 70° to So, or variations therein. Graphite forming units become obvious 6 88 m, notably along bedding planes where shear/slip movement has been accommodated. Conductivity increases down the hole and here is confined to the discrete, sheared surfaces and not across individual intervals of core. By 76 m sections of core are conductive across their length. Resistivities approach zero. Numerous limonite and calcite filled fractures occur until 91.25 after which coarse (up to 5 mm) pyrite and calcite with lesser quartz filled fractures up to 2 cm wide are present. 58.85 - 111.89 Fault. "Mylonitic" zone. Similar in composition to that 6 58.43 - 58.85 m. Bands and seams are highly contorted. Predominant fabric is subparallel to c/a. 411.89 - 112.59 112.59 - 115.85 Steel grey/black graphite similar to preceding main interval. Bedding to c/a \pounds 115.85 m is 30°. Thin bedded d. grey/black graphite with intermittent thin (1 mm) to thick (1 cm) Isminated, light grey/white argillite. Beds are locally calcareous. Pyrite filled fractures are ubiquitous. Black garnet porphyroblasts (up to 3 mm) present from 132.20 m to 133.10. Bedding to c/a & 132.33 is 15°. Quartz healed fault (?)/fracture zone & 141.46 - 141.78; Graphitic, quartz indurated fragment within this zone has sparsely disseminated (< 1% pyrite) and a crystal of chalcopyrite. Excellent example of tight, parasitic folding between 134.60 and 135.20 m. Bedding to c/a & 145.12 m is 30°. Intensely fractured zone, healed 115.85 - 162.90 \$11.8437

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Property	District	Hole No. E90-2				1		
Commenced	Location	Tests at	Hor. Comp.					
Completed	Core Size	Corr. Dip	Vert. Comp.					
Co-ordinates		True Brg.	Logged by			a	ł	
Objective	·····	% Recov.	Date	Claim	T Brg.	Collar	Élev.	Lengt
ootage Description				An	alysis			
rom				· · · ·	Inter	-va	<u> Pb</u>	12
	with quartz @ 154.48 m t	o 155.40.		1.00	1	T		
			•			T		Г
162.90 - 168.0	Light grey thick lami	nated, thin bedded argilli	e occurs in roughly equal	·		1		F
	onariz healed zones su	b parallel to bedding with mi	nor calcite exist 6 164.0 -	· · i	+	+		F
	164.05 and 165.35 - 165	.80. The latter interval con	stains approximately 2 to 3%	-		+	H	H
	sparsely disseminated p	yrite and 1 - 2% galena.	These minerals occur in	· · ⊢	╧	+—	\vdash	┝
	Conjunction with one Adjacent beds are quite	another and are also focus siliceous. Bedding to c/a is	ed along rolution seams.		+			┝
168.0 - 169.30	Thin bedded, grey argi Graphitic carbonaceous s become more siliceous.	llite is predominant and gr hale beds decrease in freque -	ades into underlying unit. ncy and disappear. Units		\square	\square		F
169.30 - 170.05	Thin bedded, light grey thin bedded, siliceous d	shales become interbedded olomitic lithologies.	with light whitish/green,	·	+	1-		F
170.05 - 181.40	Interbedded, thin bedde	d, thin laminated cream to y	ellow to green (chloritic),					┢
	variably siliceous dolom	ite. Bedding to c/a is cons	istent in this unit and is		┢	╂──	┝╍┦	┢━
	70°. Irregular quartz v	einlets (3 mm wide) running s Aven this entire interval s	ubparallel to the C/A and S we weakly mineralized with		—	 		
•	galena (< 1%) and pyrite	(1 to 2%).				—		┢
								⊢
•								L
		· ·						
	**** End of Hole at 1	81.40 m ****			Τ			L
					1-			Г
								⊢

211-0437

Printery, Etsila Diskin detern Mode Ko. DD-3 Commented Ottoker 25, 1900 Genetic Diskin de Serie Provincie Yen Comp. Printer Commenter Yen Comm. Printer Commenter Yen Comm. Printer Commenter Yen Comm. Printer Commenter Yen Comm. Printer Commenter Yen Commenter Yen Commenter Yen Comm. Printer Commenter Yen Commenter Yen Commenter Yen Comm. Printer Commenter Yen Commenter Ye	Plat		u .			•	Cominco					
Demoked Description Total at New York Test at New York Test at New York Consisted Description Test at New York New York New York Consisted Description New York New York New York Statistical Description <th>r</th> <th>Property Estella</th> <th>1000</th> <th>District Western</th> <th>Hole No. E90-3</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	r	Property Estella	1000	District Western	Hole No. E90-3							
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chilid contaci arrins with the adjacent arriin subset, had: 27.58 - 28.63 Interveload arriilite, and subsetke as above. Quarts and caloite values and a subset of the subset and the above only sariposite net vident. 28.93 - 29.0 Felsite dike. Same as dike above only sariposite net vident. 29.0 - 50.60 This Intervel comprises thin bedded arriilite and subset units as described above. Lisenitic taxes decrease in frequency down the bole while provide filled fractures correspondingly increase. These provide filled fractures correspondingly increase. These provide filled fractures as follows: 37.72 Slueped bed comprising a 2 cm thick interval of thin leminated, light to dark grey subsecks. Drill Hole Record Meters as follows: Commented Grober 75, 1950. Location Tray Creat Tests as the fill the subseck as a subse			approxis 5% mari	ately 50% fine crystall posite, and 2% pyrite.	ine quartz, 33% pla The unit has a st	gioclase, 1	0% yellowish s	ericite,				1
27.88 - 28.83 Interbedded arrillite, and subwacke as above. Quarts and calcite veinlats with pyrits 28.93 - 29.0 Feisite dike. Same as dike above only mariposite not evident. 28.03 - 50.80 This interval comprises thin bedded arrillite and subwacke units as described above. Linsmits and decribed above. See and the bedded arrillite and subwacke units a described above. See and the bedded arrive the provide and the bedded arrive as described above. The set of the subwacke units as described above. The set of the set of the provide and the			chilled	contact margins with the	adjacent argillace	ous beds.	2-4 24VIIU 8]
28.83 - 28.0 Feisite dike. Same as dike above only mariposite not evident. 28.0 - 50.80 This interval comprises this bodded argitilie and asbracke units as described above. and calcite filled fractures correspondingly increases. The property in filled fractures are weakly to maderially conductive over the width of the correspondingly increases. The property in filled fractures are uniquilies throughout. Pailined width of the correspondingly increases. The width of the correspondingly increases. The width of the correspondence of the correspondence of the correspondence of the cor		27.58 - 28.83	Interbed Common	ided argillite, and subwac	ke as above. Quart:	z and calcit	e veinlets wit	h pyrite				ļ
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	H	Drill Hole Record Property Estella Commenced October 25. Completed October 27. Co-ordinates Objective To test a sh WMXW Meters Descrip From To 38.72 42.70 - 43.20 49.4 - 49.9 50.90	Slumped subwacks d <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> [<u>1990]</u> [<u>1990</u>	District Mestern Location Tracy Creek Core Size NO UTEM conductor to core axis angle is f grey wacke unit with 1 to aick medium grey argillad to core axis angle is f ** END OF HOLE AT 50.1	Hole No. E90-3 Tests at None Corr. Dip Vertic True Brg. " % Recov. 98% % Recov. 98% 87 degrees. 9 2% disseminated su meaus limestone bed. 80 degrees.	bin laminated	A, light to d	ark grey				
	Fel	Drill Hole Record Property Estella Commenced October 25. Completed October 27. Co-ordinates Objective To test a sh Fill Hole Record Commenced October 27. Co-ordinates Objective To test a sh Fill Hole Record October 25. Completed October 27. Co-ordinates Objective To test a sh Fill Hole Record October 25. Completed October 25. Completed October 27. Co-ordinates Objective To test a sh Fill Hole Record October 25. Commenced October 25. Completed October 25. Co-ordinates Objective To test a sh Fill Hole Record October 27. Co-ordinates Objective To test a sh Fill Hole Record October 27. Co-ordinates Objective To test a sh Solution	Slumped subwacks d 1990 	District Mestern Location Tracy Creek Core Size NO UTEM conductor UTEM conductor trey wacke unit with 1 to bick medium grey argillad to core axis angle is 5 ** END OF HOLE AT 50.1	Hole No. E90-3 Tests at None Corr. Dip Vertic True Brg. " % Recov. 98% Recov. 98% Corr. Dip Vertic True Brg. " % Recov. 98% Corr. Dip Vertic Strue Brg. " % Corr. Dip Vertic Strue Brg. Strue Brg. " % Corr. Dip Vertic Strue Brg. Strue Brg.	bin laminated	A, light to d	ark grey				
		Drill Hole Record Property Estella <u>Commenced October 25.</u> <u>Completed October 27.</u> <u>Co-ordinates</u> <u>Objective To test a sh</u> <u>Fiom To</u> <u>38.72</u> 42.70 - 43.20 48.4 - 49.8 <u>50.90</u>	Slumped subwacks d 1990 	District Western Location Tracy Creek Core Size NQ UTEM conductor UTEM conductor to core axis angle is f grey wacke unit with 1 to hick medium grey argillad to core axis angle is f ** END OF HOLE AT 50.5	Hole No. E90-3 Tests at Nona Corr. Oip Vertio True Brg. " % Recov. 98% With Recov. 98% 2% disseminated su recous limestone bed. 30 degrees. 30 M **	bin laminated	Hor, Comp. Vert. Comp. 50 Logged by H Date October.	ark grey				
		Drill Hole Record Property Estella Commenced October 25. Completed October 27. Co-ordinates Objective To test a sh HAMMAX Meters Descrip From To 38.72 42.70 - 43.20 49.4 - 49.9 50.90	Slumped subwacke d <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u> <u>1990</u>	District Western Location Tracy Creek Core Size NQ UTEM conductor UTEM conductor to core axis angle is to grey wacke unit with 1 to aick medium grey argillad to core axis angle is to ** END OF HOLE AT 50.1	Hole No. E90-3 Tests at Nona Corr. Dip Vertic True Brg. " % Recov. 98% 37 degrees. 52% disseminated su secus limestone bed. 50 degrees. 50 M **	col	Hor, Comp. Vert. Comp. 50 Logged by H Date October,	ark grey 				
		Drill Hole Record Property Estella Commenced October 25. Completed October 27. Co-ordinates Objective To test a sh tXXXXX Meters Descrip From To 38.72 42.70 - 43.20 49.4 - 49.9 50.90	Slumped subwacke d 1990 1990 1990 1990 1990 1990 1990 1990 1990 1990 1990 1990 1990	District Mestern Location Tracy Creek Core Size NQ UTEM conductor g to core axis angle is f grey wacke unit with 1 to blick medium grey argillad to core axis angle is f ** END OF HOLE AT 50.1	Hole No. E90-3 Tests at Nona Corr. Dip Vertio True Brg. " % Recov. 98% 37 degrees. 52% disseminated su secus limestone bed. 50 degrees. 50 M **	bin laminated	A, light to d	ark grey				
		Drill Hole Record Property Estella Commenced October 25. Completed October 27. Co-ordinates Objective To test a sh VANXAX Meters Descrip From To 38.72 42.70 - 43.20 49.4 - 49.9 50.90	Slumped subwacks d	District Mestern Location Tracy Creek Core Size NQ UTEM conductor g to core axis angle is f grey wacke unit with 1 to hick medium grey argillad ; to core axis angle is f ** END OF HOLE AT 50.1	Hole No. E90-3 Tests at None Corr. Dip Vertic True Brg. " % Recov. 98% 87 degrees. 50 2% disseminated su secus limestone bed. 50 degrees. 50 M **	bin laminated	Hor, Comp. Vert. Comp. 50 Logged by H Date October,	ark grey				
		Drill Hole Record Property Estella Commenced October 25. Completed October 27. Co-ordinates Objective To test a sh HANKAN Meters Descrip From To 38.72 42.70 - 43.20 49.4 - 49.9 50.90	Slumped subwacks d 1990 1990 	District Mestern Location Tracy Creek Core Size NO UTEM conductor UTEM conductor trey wacke unit with 1 to bick medium grey argillad to core axis angle is 1 ** END OF HOLE AT 50.1	Hole No. E90-3 Tests at None Corr. Dip Vertic True Brg. " % Recov. 98% Recov. 98% 2% disseminated su means limestone bed. 10 degrees.	bin laminated	A, light to d	ark grey 				
		Drill Hole Record Property Estella Commenced October 25. Completed October 27. Co-ordinates Objective To test a sh FXXXXX Meters Descrip From To 38.72 42.70 - 43.20 48.4 - 49.9 50.90	Slumped subwacks d. 1990 1990 1990 Silon Bedding Light a 5 cm th Bedding	District Mestern Location Tracy Creek Core Size NA UTEM conductor UTEM conductor is to core axis angle is is grey wacke unit with 1 to blick medium grey argillad is to core axis angle is i ** END OF HOLE AT 50.1	Hole No. E90-3 Tests at None Corr. Dip Vertic True Brg. " % Recov. 98% ** Recov. 98% ** Ascov. 98% *	bin laminated	Hor. Comp Vert. Comp Vert. Comp. 50 Logged by H Date October.	ark grey				

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