MAP NO: 106D\16

ASSESSMENT REPORT: X

DOCUMENT NO: 093224

PROSPECTUS:

MINING DISTRICT: Mayo

CONFIDENTIAL: X

TYPE OF WORK: Diamond drilling

OPEN FILE:

REPORT FILED UNDER: Pamicon Developments

DATE PERFORMED: July 1994

DATE FILED: September 1, 1994

LATITUDE: UTM 7208135N

AREA: Slab Mountain

LONGITUDE: UTM 545748E

VALUE:

CLAIM NAME AND #: Slab 5

WORK DONE BY: Randall Vance

WORK DONE FOR: Pamicon\Westmin\Newmont JV

DATE TO GOOD STANDING	

REMARKS: Summary of Hole by R.B. Vance: Mineralization in SB94-3 is hosted by Quartz-biotite hornfels (after Proterozoic dolomitic siltite). Sulfides are dominantely chalcopyrite, pyrrhotite, and pyrite with lesser molybdenite. Chalcopyrite and molybdenite are late, paragenetically, occurring along fractures and in feldspar-carbonate veins. Porphyroblasts of 2-4 mm were determined by thin section analysis to be mixturs of K-spar, albite, dolomite and calcite. So called "albite" was also shown to be a mixture of very fine grained K-spar and albite. Tourmaline and purplish scapolite (var. marialite) are associated with the better mineralization. Copper-gold-MoS2 mineralization decreases substantially below the fault at 160.93-176.53m.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no. 7775-6-1

R.M.M.R. file no.

Date forwarded 28 Sept. 94

TRANSMITTAL FORM

From ▶ Mining Recorder at: Mayo

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☑ DIAMOND DRILL LOGS — Claims YB28602,604,610-627,732-743, 750, 778 S126 No: 3,5,11-22, 38-49, 56, 84 — Claim sheet no. 106-D-16
- ☐ QUARTZ ASSESSMENT REPORT — Claims — Claim sheet no.

Type of report — Submitted by

Cls. work performed on — $ req. for ren. application

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS OCT 06 1994 WHITEHORSE YUKON TERRITORY

Please return 1 copy of numbered report and Index Card for our files Thank you.

Graham
Signature

Date returned

REPLY ACTION

Signature

802-37 (7-88)

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT
SLAB - Fairchild Joint Venture, Yukon

GROUND ELEV.
966 m (repeated altim. readings)

HOLE NO.
SB94-3

BEARING
050°

LOCATION
SLAb Mtn, South Face
Estimated UTM's: 7208135 N, 545748 E, Zone 8
Core is stored on property (Slab 151)

DIP
-45°

TOTAL LENGTH
962 feet (293.3 m)

LOGGED BY
R. B. Vance; K. A. Owerko (RQD + Recoveries)

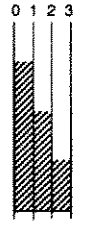
HORIZONTAL PROJECT

DATE
July 5 - 11, 1994

VERTICAL PROJECT

CONTRACTOR
Falcon Drilling
Prince George, B.C.

ALTERATION SCALE



absent
slight
moderate
intense

CORE SIZE
NTW (5.5 cm diameter)

DATE STARTED
Drilled 6/26/94

DATE COMPLETED
Drilled 6/29/94

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

DIP TESTS

Depth	Azimuth	Inclin.
1.01	050	-45
184.45	052	-47
288.10	053	-47

COMMENTS

Mineralization in SB94-3 is hosted by quartz-biotite hornfels (after Proterozoic dolomitic siltite). Sulfides are dominantly chalcopyrite, pyrrhotite, and pyrite, with lesser molybdenite. Chalcopyrite and molybdenite are late, paragenetically, occurring along fractures and in feldspar-carbonate veins. Porphyroblasts of 2-4 mm were determined by thin-section analysis to be mixtures of K-spar, albite, dolomite and calcite. So-called "albitite" was also shown to be a mixture of very fine-grained K-spar and albite. Tourmaline and purplish scapolite (var. marialite) are associated with the better mineralization. Copper-gold-MoS_2 mz decreases substantially below the fault at 160.93 – 176.53 m.

LEGEND

Mbx - microbreccia (tectonic)
bsh - biotite siltite hornfels
alb alt - albitic alteration (± K-spar)
alb-carb - albite-carbonate (dolomite or calcite)
Bhtc - "chaotic, heterolithic breccia"
hf - hornfels
py - pyrite
cp - chalcopyrite
po - pyrrhotite
bio - biotite
ca - calcite
do - dolomite

PAGE 1 OF 14 | PROJECT: SLAB (FAIRCHILD) | HOLE NO. SB94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: Alb (A)	Carb cattdo (B)	Hm (C)	Chl (D)	Musc (E)	RQD FRACTURE INTENSITY	% VEIN QTZ.	Mt
0	NA, NA		R	R = rubble 0-6.1 Driller reported drilling core to 20' (6.1 m), then driving casing to 20'. Rock is dk gray to black sheared and broken siltite		0				0 Rubble		
5.79, 6.1, 7.1	NA, 25, 277	mbx		7.1 - 17.1 Light gray to pinkish, bleached and vuggy fault microbreccia. Looks like a major fault (base of cliff?). Rock is Albite-chl-pink feldspar (K-spar?) and rock fragments of bsh and altered ds.		0	h					
9.75, 12.8, 14.6			shear fabric 35 55; 40 Flt (shear fabric); bx	Non-descript black + white or pink sheared siltite-argillite with green mc and tr AZ, cut by wh alb or Q.V.						76		
17.68		bsh w/ alb. alt. (sc-veins)	70 So	17.1 - 28.0 Brown hf becoming black w/in 1 m. Hf is 40-50% albitized w/ py-cp diss. in matrix; and cut by Q-sc(?) veins that are bluish-gray to purple. sc(?)-Q veins are concentrated from 19-28 m. Local orange-brown garnets in carb. zones Vein density > 1 per cm Most jts are slickensided								
20.73, 23.47			70 So							49		
26.52			0 sc-Q-cp	local zones of pink feldspar-carbonate -- gives the rock a pegmatitic appearance.					green mica			
29.57, 30.78, 31.92	103, 190		40 So	28.0 - 40.7 More typical dk green to black bsh (argillitic?) retrograded to alb-chl-green mica-sc ± Q. Also tr bio in some Q.V. selvages. Possible tourm? Patchy grayish-green may be diopside?								
35.97, 38.1, 39.01			45 So, 50 So, 35 So, sc V. w/cp, jt, 25	chl-mica frx are slickensided dolomite/calcite rhombs @ 37 m same bsh			red earthy spec.			50		
40		Alb-carb	46	40.7 - 43.5 Albitic alt (70% of bsh)						49		
45		bsh		43.5 - 45.2 bsh w/15% albitic alteration								

N.A. = Not Applicable

PAGE 2 OF 14	PROJECT: SLAB (Fairchild)	HOLE NO. [illegible]

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu, %	ASSAYS Au, ppb			MAG SUSC	Scint cps
Mixed sulfide/oxide MZ to 7.1 m. Diss. cp (0.4-0.8%), py and tr MoS_2										Low	
											75-85
cp enriched in [illegible]-alb veins, but also [illegible] Py-MoS_2 and unknown [illegible] black to bluish-black sulfide (cc?)		0	3.6	3.6	936151	2084	120				
		3.6	7.1	3.5	936152	2731	160				
		7.1	8.5	1.4	153	2261	205				
		8.5	10.0	1.5	154	680	45				
		10.0	11.5	1.5	155	1571	70				
[illegible] esp [illegible] veins. Py ≅ 1%		11.5	13.0	1.5	156	2098	115	✓			
		13.0	14.5	1.5	157	3587	180	✓			
		14.5	16.0	1.5	158	6143	190	✓			
		16.0	17.5	1.5	159	2990	220	✓			
		17.5	19.0	1.5	160	2862	135	✓			
										20-40	
		19.0	20.5	1.5	161	3719	190	✓		x 1	
		20.5	22.0	"	162	2619	95	✓		w/ Peaks	
		22.0	23.5	"	163	3068	105	✓		of 60-70	
		23.5	25.0	"	164	3590	140	✓		@ 22	85-100
[illegible] in [illegible] and in vugs; tr Az.		25.0	26.5	"	165	2696	165	✓		[illegible]	cps
		26.5	28.0	"	166	1417	90				
		28.0	29.5	"	167	2495	75	✓			
Cp-py < 1% (cp ~ 0.3%); some CuOx		29.5	31.0	"	168	1302	50				
		31.0	32.5	"	169	862	20				27.3m [illegible] cps
		32.5	34.0	"	170	1159	65				[illegible]
		34.0	35.5	"	171	256	0				
		35.5	37.0	"	172	1304	110			10-15 x 1	
		37.0	38.5	"	173	1425	50				75-85
		38.5	40.0	1.5	174	1113	110				
		40.0	41.5	"	175	1035	45				
		41.5	43.0	"	176	1893	120	✓			
		43.0	44.5	"	177	1568	110				
		44.5	46.0	"	178	1262	110				
[illegible] increase [illegible] ~ 54 m											

N2/E2

MADE IN VANCOUVER, CANADA

PAGE 3 OF 14 | PROJECT: SLAB (FAIRCHILD) | HOLE NO. SF94-3

DEPTH	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION: Alb A	Carb dol-ca B	Hm C	Chl D	Mus E	RQD FRACTURE INTENSITY	% VEIN QTZ.	Mt
45		ALB	76	45.2 – 54.25	Intense Albitization: Alternating black and white zones consisting of light albite-carbonate and pink feldspar (K-spar?) with dark bsh (bio hf & hb or tourmaline along veins). Light Green mica and med. green chlor								
	72										50		
50	86												
	77		60	S₀ 52.5	Black tour or bio interlayered w/ S₀ and cp-py defines a narrow foliation (compositional layering).								
	85												
55	76	bsh	S₀ 45	54.25 – 59.8 m	Albitized bsh w/ isoclinal folds defined by white to creamy albite veins. Fold hinges are curved, not kinked, and wavelengths ≈ equal to amplitudes @ 1-3 cm. Folds are cut off by hairline faults locally. At 55.8 m the amplitudes are 4-5 X the wavelengths. The folds are clearly cut by purple sc-alb veins. The Albitized rock is the very f.g. brown unit (sec bio?).						58		
	99		50	sc-Alb-Q cuts against S₀									
			30	S₀									
	98		15, 70, 50	local folding or through a fold closure.									
60				Q-alb tension gashes									
	27										64		
				59.8 – 73.0	Similar to 45.2 – 54.25, but with less Albitization and more biotite (amphiboles?). Grades in and out of alteration from 50-60% of rock. Black rock is less albitized than white to greenish-gray rock.								
65	77		55	Alb-sc v. = S₀									
			55	S₀ = alb-sc v.							95		
	97		52	S₀ = Alb-sc v.	green chl on frx locally (72-74 especially)								
70	85		45	12 cm sc-alb-sulfide v.									
			25	sc v. (irregular)									
			35, 45	73.0 – 77.0	Incr. in alb-sc veining, but cp seems to stay the same								
75	76	ALB		jt. S₀							30		
			55, 65	Alb-sc									
			77, 20	Alb-sc									
			50	Alb-sc							82		
		65	60	Alb-sc 2 cm sheared alb-sc v.									
80	72		30	S₁ shear fabric									
				77.0 – 95.4	Dark green to black hf: bsh, hf after argillite, both locally pb (cordierite?) and cut by purplish sc veins, and white albite v.						77		
	90		70	S₀									
85	98		55	S₀ 86.0 – 88.0	Compositional layering defines a weak gneissosity. Hf is black and white. Albitic zones are locally brecciated.								
	91	65	50	S₀ } local fold? S₀ }							59		
90	96		60	S₀									

PAGE 4 OF 14 | PROJECT: SLAB (FAIRCHILD) | HOLE NO. [illegible]

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	WIDTH	SAMPLE NUMBER	ASSAYS Cu, ppm	ASSAYS Au, ppb			
[illegible] 0.6-1.5% w/ silvery py. Tr										[illegible]
[illegible]		46.0	47.5	1.5	936179	2071	90			
		47.5	48.8	1.3	936180	644	25			
[illegible] beginning @ 48.8-		48.8	50.3	1.5	936181	11560	445	✓		
		50.3	51.8	1.5	936182	16079	275	✓		
		51.8	53.3	1.5	936183	12894	145	✓		
SAMPLE # 936187 is a		53.3	54.3	1.0	936184	13618	120	✓		
BLANK (Pz dolomite Harvey collected)		54.3	55.8	1.5	936185	784	25			
		55.8	57.3	1.5	936186	352	15			
		—	—	0	936187	~~6~~	~~0~~			
[illegible]										
[illegible] as is total sulfide										0-10 x 1
[illegible]		57.3	58.8	1.5	936188	241	10			
		58.8	60.3	1.5	189	630	20			
		60.3	61.8	1.5	190	1011	40			
		61.8	63.3	1.5	191	1485	60			
		63.3	65.2	1.9	192	985	50			
		65.2	67.2	2.0	193	2694	85	✓		
		67.2	68.8	1.6	194	1419	75			
		68.8	70.3	1.5	195	1765	95			
		70.3	71.8	1.5	196	1457	45			
		71.8	73.3	1.5	197	[illegible]	75	✓		
[illegible], most sulfide is py; total <1%		73.3	74.8	1.5	198	379	15			
		74.8	76.3	1.5	199	53	0			
		76.3	77.8	1.5	[illegible]	75	0			
		77.8	79.3	1.5	201	39	0			
		79.3	80.8	1.5	202	391	20			5-15 x [illegible]
		80.8	82.3	1.5	203	267	0			
		82.3	83.8	1.5	204	154	0			
		83.8	85.3	1.5	205	35	0			
[illegible]					206	~~[illegible]~~	~~[illegible]~~			
[illegible] MS3										
		85.3	86.8	1.5	207	51	0			
		86.8	88.3	1.5	208	[illegible]	0			
		88.3	89.8	1.5	209	[illegible]	5			
		89.8	91.3	1.5	210	148	0			
										15-20 x [illegible]

N2/F2

MADE IN VANCOUVER, CANADA

PAGE	OF	PROJECT:	HOLE NO. SBS-1-3
[illegible]	[illegible]	[illegible]	

LITHOLOGY	STRUCTURE	INTERVAL	GEOLOGICAL DESCRIPTION	FRACTURE INTENSITY
Bsh	40, So		Dark brn to black hf, cont.	51
Flt Zone		95.4 - 97.0	Flt zone: bxa of alb-Q-hf cemented w/ sandy & crumbly mt-do-alb matrix; [illegible] surrounds 0.6 m of unbrecciated hf. Euh. mt (FL or Ba xtls)	48
Alb	60, alb-sc v.	97.0 - 100.0	Albitic veined hf. Fold hinges deformed and sheared off... discontinuous.	56
Flt Zone		100.0 - 106.0	Brittle deform of hf ⇒ fault or shear zone crackle bxa, minor cataclasite and high fracture density of vfg greenish gray to gray hf. Albitic alt mixed in w/ clasts and lenses of hf. Green chlor in matrix. Veining and fx die out into fg hf.	47
Bsh	10, So	106 - 112.1	hf - brn to black, locally w/ alb-tour v.	81
	35, So:S1		111.5 - WK layering (So) of aligned mineral fabric (S1), all of which are fx and sheared.	
Alb. alt		112.1 - 115.2	Albitized (light colored) hf (dark colored). Albitic zones are bx'd, calcareous/dolomitic and contain tr cp, py. Albitization is 50-70% of interval.	
Bhtc bxa		115.2 - 118.9	Bhtc: "chaotic breccia". Brittlely deformed, angular bxa w/ calcite matrix. Clasts are same as surrounding rock (Bsh + albitic veining). Py and cp are present. Shearing here is > bx'n.	72
Bsh		118.9 - 124.6	Bsh: pb and locally folded.	60
Bxa		124.6 - 124.75	Bxa (15 cm): Bhtc. Intervening rock may be clasts.	
Bhtc		125.4 - 128.25	Bhtc	
		128.25 - 129.11	Bsh: wavy folding and layered; pb. Tourm?	
Bsh / Bhtc	55, So	129.11 - 139.35	Bhtc: porous and permeable white to lt gray to lt pink and lt green bxa. WK carbonate in matrix. Clast size varies from < 1 mm - 5 cm	97

ALTERATION: A Alb; B [illegible]; C [illegible]; D Chl; E Musc

% VEIN QTZ: tr; tr

PAGE 6 OF 14 | PROJECT: SLAB (FAIRCHILD) | HOLE NO. SB94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu, ppm	ASSAYS Au, ppb			Notes
Sulfide content down to 1% or less: py is										10-15x / 60-80
dominant, … only tr to 0.2% cp.										
		91.3	92.8	1.5	936211	132	0			
		92.8	94.3	1.5	212	338	0			
		94.3	95.4	1.1	213	130	0			
mt-bearing FL+		95.4	97.4	2.0	214	247	10			10x2 to
		97.4	98.9	1.5	215	392	15			40-60x3
		98.9	100.4	1.5	216	498	20			5-15x1
		100.4	101.9	1.5	217	816	40			
		101.9	103.4	1.5	218	398	10			
										5-10x1
		103.4	104.9	1.5	219	1893	75			
		104.9	106.4	1.5	220	666	30			v. local
		106.4	107.9	1.5	221	100	0			
		107.9	109.4	1.5	222	916	35			
		109.4	110.9	1.5	223	997	25			
		110.9	112.4	1.5	224	1210	40			
… to 0.3-0.4%.		112.4	114.0	1.6	225	2187	120	✓		
		114.0	115.3	1.3	226	3890	175	✓		
(< 0.2%)		115.3	117.2	1.9	227	999	60			
114-115 less cp in hf, more in albitite..		117.2	118.9	1.7	228	1054	45			
up to 0.3-4%		118.9	120.4	1.5	229	1474	70			5-10x1, 75-85
		120.4	121.9	1.5	230	1258	75			
		121.9	123.4	1.5	231	1057	55			
		123.4	125.4	2.0	232	2137	110	✓		
		125.4	126.9	1.5	233	2974	165	✓		
		126.9	128.2	1.3	234	1794	95			
		128.2	129.1	0.9	235	1930	90			20-60 x 2
		129.1	130.5	1.4	236	1758	105			
		130.5	132.0	1.5	237	2647	140	✓		5-10x1
		132.0	133.5	1.5	238	2819	155	✓		
		133.5	135.0	1.5	239	3790	175	✓		

N2/E2

PAGE 7 OF 14 | PROJECT: SLAB (Fairchild) | HOLE NO. SP04-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Alb)	B (carb dot ca)	C (hm)	D (chl)	E	FRACTURE INTENSITY	% VEIN QTZ.	
		Bhtc		Bhtc, cont. mid gray or brownish gray								
139.35-142.05		Bsh	35 S_0	Bsh						79		
142.05-143.44		Bhtc		Bhtc								
143.44-160.93		Bsh	10 S_0; 53 jt	Bsh - finely laminated, med brown and very f.g. bio hf grading to brown albitite(?) ± K-spar. Cp mineralization occurs in ½ cm wide alb-bio (tour?) veinlets and fx; not much in dense hf.						59		
										63		
			45 S_0; 55 S_0	150-151 black tourmaline (?) or bio parallel to S_0 also concentrated along jts that cut S_0 at 15°.								
			78 jt; 60 S_0; 48 S_0 } local warping							60		
160.93-176.53				Fault Breccia and Gouge. Angular to rounded clasts in a weakly calcareous matrix. Probably a young brittle fault overprinting Bhtc breccia.						RUBBLE		
			20 S_0							23		
			70 S_0									
				Local folds cut by joints coated w/ tour or black bio.(?) Could this be phlogopite?						RUBBLE w/ short sticks		
176.53-181.5			75 S_0	Sheared and bx'd bsh. Fault gouge & bxa is less intense than above, but rock is still crumbly and friable. Short intervals of tightly folded white Qt alb beds.						36		

PAGE 2 OF [illegible] | PROJECT: SLAB (Fairchild) | HOLE NO. 94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu, ppm	ASSAYS Au, ppb	ASSAYS	ASSAYS	Mag Susc. [illegible] units
[illegible] [illegible] blebs >> fractures										
[illegible] irregular [illegible] continuous										
		135.0	136.5	1.5	936240	2579	120	✓		↓
		136.5	138.0	1.5	241	1203	70			40-60 x 1 peak 30cm 80-95
		138.0	139.3	1.3	242	1677	125			
		139.3	142.0	2.7	243	1346	30			10-25 x 1
		142.0	143.5	1.5	244	2114	135	✓		[illegible]
		143.5	145.0	1.5	245	1870	85			
		145.0	146.5	1.5	246	1024	60			
		146.5	148.0	1.5	247	1311	40			
↓		148.0	149.5	1.5	248	302	0			
* [illegible] follows folded albite bed; also x-		149.5	151.8	2.3	249	1650	20			↓
[illegible]										[illegible]
Cp [illegible] 2.5% total; py < 0.5%										
		151.8	153.3	1.5	250	1422	85			15-30 x 1
		153.3	154.8	1.5	251	3109	145	✓		
		154.8	156.3	1.5	252	3156	130	✓		
		156.3	157.8	1.5	253	2102	90	✓		
		157.8	159.3	1.5	254	2552	110	✓		
		159.3	160.9	1.6	255	1942	100			
		160.9	162.4	1.5	256	1574	75			
		162.4	164.0	1.6	257	2478	130	✓		
Cp : py in bxa matrix -- disseminated as		164.0	165.5	1.5	258	5306	250	✓		
small (1mm) cumant grains. Cp est. @ 0.3%										
at bed. Py about the same.										
		165.5	167.0	1.5	259	2717	180	✓		
		167.0	168.5	1.5	260	2572	125			
		168.5	170.0	1.5	261	1324	70			
		170.0	171.5	1.5	262	1672	95			
		171.5	173.0	1.5	263	2237	140	✓		
Cp mz coincident with or slightly after										
black veinlets of tour? or bio?										
[illegible] Standard: GO2-21		—	—	—	936264	~~126~~	~~445~~			↓
		173.0	174.7	1.7	265	943	55			20-40 x 3
diss cp-py continues. Cp is decreasing and		174.7	176.5	1.8	266	578	20			
py is [illegible]		176.5	178.0	1.5	267	574	0			
		178.0	179.5	1.5	268	857	55			
↓		179.5	181.0	1.5	269	2189	125	✓		↓ ↓

PAGE 9 OF 11 | PROJECT: CLAB (Fairchild) | HOLE NO. SB94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: Alb A	CARB do,ca B	hm C	chl D	musc E	FRACTURE INTENSITY	% VEIN QTZ	Int
180				181.5-184 Competent, non-bx'd bsh, but hornfelsing is weak to moderate in siltite. ½-1 cm wide light-colored layers (alb?) are highly folded (locally isoclinal). S_n						36		
		bsh		184-187 Weakly hornfelsed siltite (bsh)								
				S_0						68		
		Alb		187-205.3 Albitized hf. ± black biotite veinlets, commonly surrounding white albite. Locally pink feldspar (K-spar?) @ 190-190.5 Swirled textures due to high-strain folding and shearing. White layers become ca >> alb ± do down hole.				TRACE		95		
				Bxa, @ 196.5-197.2 m.						60		
				jt/vn of ca-alb								
				ca-alb v.								
				ca-alb v.								
				205.3-231.4 less bx'd pb bsh of brown, dk brown, black and bluish gray color. yellow Fe Carb (siderite?) Light-colored layers 0.2-3 cm are calcite >> albite that are structurally extended, and locally folded isoclinally. Minor sc veinlets. So is probably long ago converted to S_1 here.						63		
				ca-alb v.								
				ca-Alb = S_1								
				ca-alb S_1 White folds are irregular, and no senses of direction can be seen w/ confidence. ca-alb veining looks syn-folding or very late after folding.						89		
				S_1						39		
				S_1								

PAGE 10 OF 14 | PROJECT: SLAB (FAIRCHILD) | HOLE NO. SB 94-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu, ppm	ASSAYS Au, ppb			Scint, cps
180										
Total sulfide drops to < 0.5%, mostly py		181.0	182.5	1.5	269 270	2747	115	✓		20-40 x 1 | 85-110 cps
		182.5	184.0	1.5	271	1547	65			
		184.0	185.5	1.5	272	544	25			
		185.5	187.0	1.5	273	1285	65			
		187.0	188.5	1.5	274	320	0			
185										
		188.5	190.0	1.5	275	1099	45			10 x 1
190										
		190.0	192.0	2.0	276	1686	60			
		192.0	194.0	2.0	277	663	25			
		194.0	196.0	2.0	278	1132	45			
		196.0	198.0	2.0	279	1330	60			
		198.0	200.0	2.0	280	303	15			
195		200.0	202.0	2.0	281	175	0			
200										
		202.0	203.6	1.6	282	451	0			
		203.6	205.3	1.7	283	215	0			
205		205.3	207.3	2.0	284	110	0			
		207.3	209.3	2.0	285	76	0			
		209.3	211.3	2.0	286	24	0			
		211.3	213.3	2.0	287	50	0			
		213.3	215.3	2.0	288	147	0			
210										
215										
Only traces of cp in qz-alb veins		215.3	217.3	2.0	289	117	0			
py > cp along fx and in bsh.		217.3	219.3	2.0	290	213	0			
		219.3	221.3	2.0	291	89	0			
		221.3	223.3	2.0	292	74	0			
220		223.3	225.3	2.0	293	132	0			
		225.3	227.3	2.0	294	152	0			
225										

PAGE 11 OF 11 | PROJECT: SLAB (Fairchild) | HOLE NO. SB94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Alb	B carb dot ±	C Hm	D chl	E musc	FRACTURE INTENSITY	% VEIN QTZ.	mt
225												
		LSh		brown biotite-siltite hornfels w/ white veins of ca-alb.								
	96									18		
230			68	ca-alb V. (=S_0?)								
		V										
		mh		231.4 - 244.96 Med to dark-green, pb mAfic rock of unclear parentage (sedimentary? vs diorite?). Well-developed porphyroblasts of cordierite(?), 1-8mm in diameter. Probable chlorite, actinolite and possible Amphiboles. Interval shows a moderate compositional layering that seems to be after bedding, but could be gneissosity. Cordierite(?) pb are hard (too hard for tremolite), and rock has a distinctive ring due to the well-developed hornfelsing. Green felty chlorite occurs w/ white and pink albite. Assigned as rock type "mh" for mafic hornfels.								
	96		78	S_1								
			78									
			45	S_1						75		
			56	S_1 Local warps								
				S_1								
			70									
	96	V		S_1 (cd pb)								
		SSh		244.96 - 289.0 Dark gray to black bs! with lt gray to white ca-dol±alb "veins" parallel to S_1. The veins may be compositional layering, due to metamorphism. Contacts are fuzzy, swirled and locally folded. The development of pb is controlled by layering								
			60	S_1								
										48		
			30									
	96		45	S_1 (~S_0?)								
				S_1 (~S_0?)								
			56	S_1 (~S_0?)								
										97		
			43	S_1 (~S_0?)								
			32									
										73		
	96		38	S_1 (~S_0?)								
250										64		

 PROJECT: SLAB (Fairchild) HOLE NO. SB94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu, ppm	ASSAYS Au ppb			
NEL Standard MS-3		—	—	—	936296	~~90~~	~~1060~~			
		227.3	229.3	2.0	936295	299	0			
		229.3	231.4	2.1	297	124	0			
		231.4	232.9	1.5	298	931	25			20-60×1 35-100
231.4-244.96 Cp increases w/in the		232.9	234.4	1.5	299	13	0			
mafic bf. py-cp total ~1.5%, w/		234.4	235.9	1.5	300	382	0			
[illegible] 3%.		235.9	237.4	1.5	301	1037	40			20×1
Best cp is 238.63 - 241.5										
+ [illegible] amounts of MoS_2 occur from 234-										
241, as small veinlets + blebs.										
		237.4	238.5	1.1	302	1142	45			
		238.5	239.5	1.0	303	*2546	90	✓		
		239.5	240.5	1.0	304	*7795	180	✓		
		240.5	241.5	1.0	305	*4995	370	✓		
[illegible] increases from 245-250 to		241.5	242.5	1.0	306	*36	0			
[illegible] of py.		242.5	243.5	1.0	308	91	0			
		243.5	244.96	1.46	309	*6688	240	✓		
		244.96	247.0	2.04	310	8226	165	✓		40-60×2
[illegible] NEL BLANK (Pz dolom) ←										
				—	307	~~10~~	~~0~~			
		247.0	249.0	2.0	311	145	0			20×2
		249.0	251.0	2.0	312	166	0			
		251.0	253.0	2.0	313	51	0			
[illegible] calcite veins		253.0	255.0	2.0	314	78	0			20-60×2
		255.0	257.0	2.0	315	60	0			
		257.0	259.0	2.0	316	67	0			
		259.0	261.0	2.0	317	46	0			
		261.0	263.0	2.0	318	72	0			
		263.0	265.0	2.0	319	12	0			
		265.0	267.0	2.0	320	18	0			
		267.0	269.0	2.0	321	23	0			
										20-40×3
[illegible] mostly po ± py w/ very										40-60×2
little cp [illegible] in veinlets and fractures.										
Difficult to see cp vs. po in black bio bf.										20-40×3

N2/52

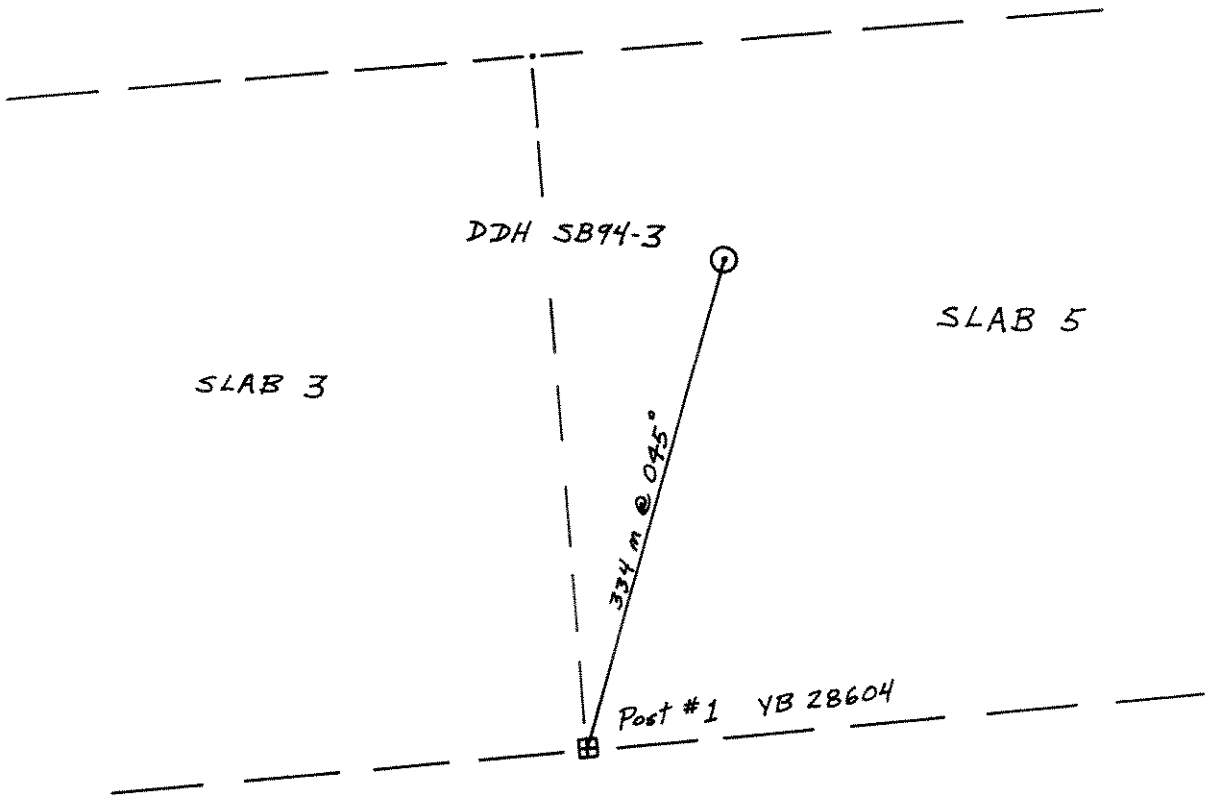
MADE IN VANCOUVER, CANADA

PAGE 13 OF 14 | PROJECT: SLAP | HOLE NO.

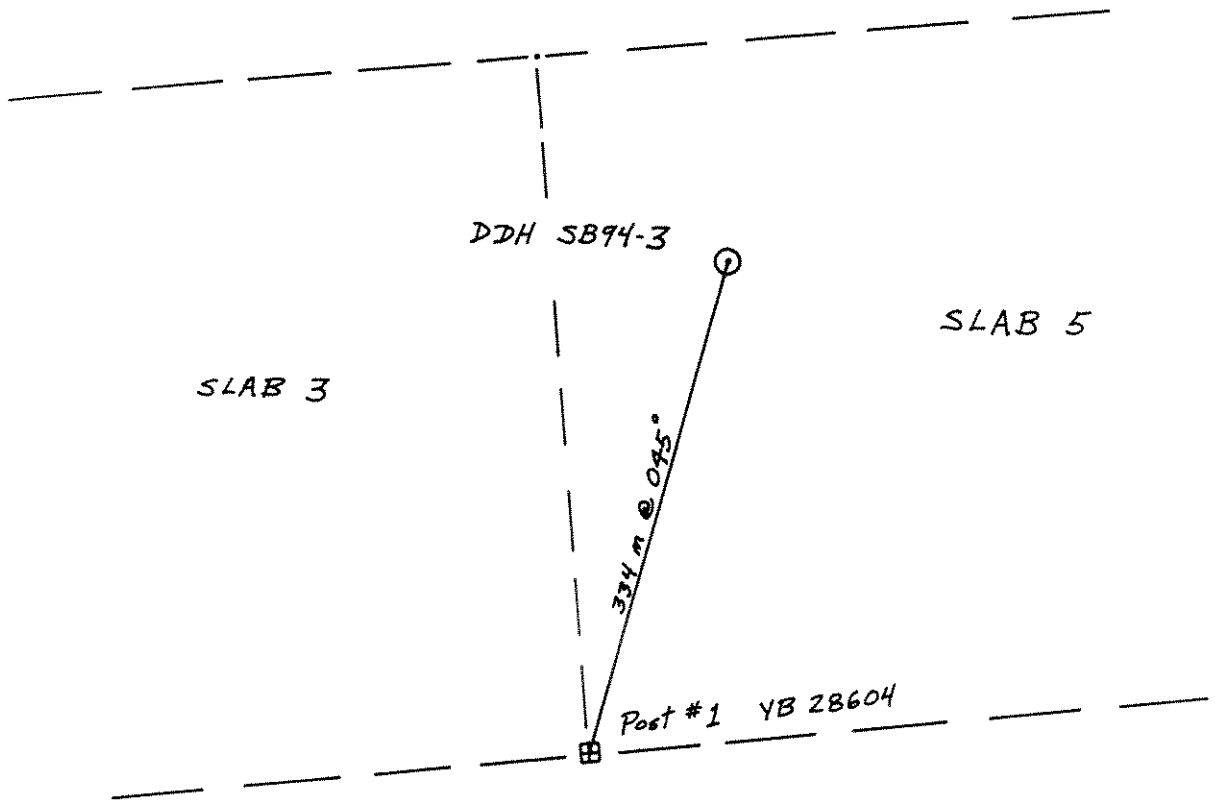
DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Alb)	B (carb dol+ca)	C (Hm)	D (chl)	E (musc)	FRACTURE INTENSITY	% VEIN QTZ.
		bsh	45	continued Black and white layered bsh w/ mostly							
			S_1	carbonate in the white layers and bio-G-						64	
			26	cordierite-alb(?) in the black. High-strain							
			S_1	ductile fold patterns. Locally poclinal							
				folds in calcite layers.							
				275-276 pink calcite veins 46° to core axis							
			35								
			S_1							74	
			38								
			S_1 (= F_1?)								
			30	carb begins to drop off slightly, Alb incr.						70	
			S_1	Fold w/ horiz Axes S_1 ≡ fold vert Axial pl. (22° to C Axis)							
		alb		289.0-293.22 Albitized bsh bx'd and veined w/ irregular							
				clast shapes. Veins of qtz-pb texture. Med						71	
				brown vfg texture (sec. bio?). Local py, cp							
				veinlets 5 mm wide w/ diffuse contacts							
				T.D. = 293.22 Possible phlogopite or bio veins x-cutting							
				albitic, vuggy bxa. Weak sulfide.							

PAGE 14 OF 14 | PROJECT: SIAB | HOLE NO. [illegible]

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu, ppm	ASSAYS Au, ppb			
[illegible] Tr cp only. Total <1%										
		269.0	271.0	2.0	936322	26	0			
		271.0	273.0	2.0	323	122	0			
		273.0	275.0	2.0	324	26	0			
		275.0	277.0	2.0	325	27	0			
		277.0	279.0	2.0	326	6	0			
		279.0	281.0	2.0	327	8	0			
		281.0	283.0	2.0	328	7	0			
		283.0	285.0	2.0	329	42	0			
		285.0	287.0	2.0	330	191	0			
		287.0	289.0	2.0	331	1294	55			
		289.0	291.0	2.0	332	37	0			
		291.0	293.22	2.22	936333	20	0			
					E.O.H.					
Rare py-cp stockworks										
"										



Drillhole Location Map
SLAB Property,
FAirchild Project, Yukon
Scale 1:5000 8/94



N

Drillhole Location Map
SLAB Property,
FAirchild Project, Yukon
Scale 1:5000 8/94

HOOVER

HOOVER

HOOVER

HOOVER

HOOVER

SLAB

SLAB

SLAB

SLAB

SLAB

WOLV

WOLV

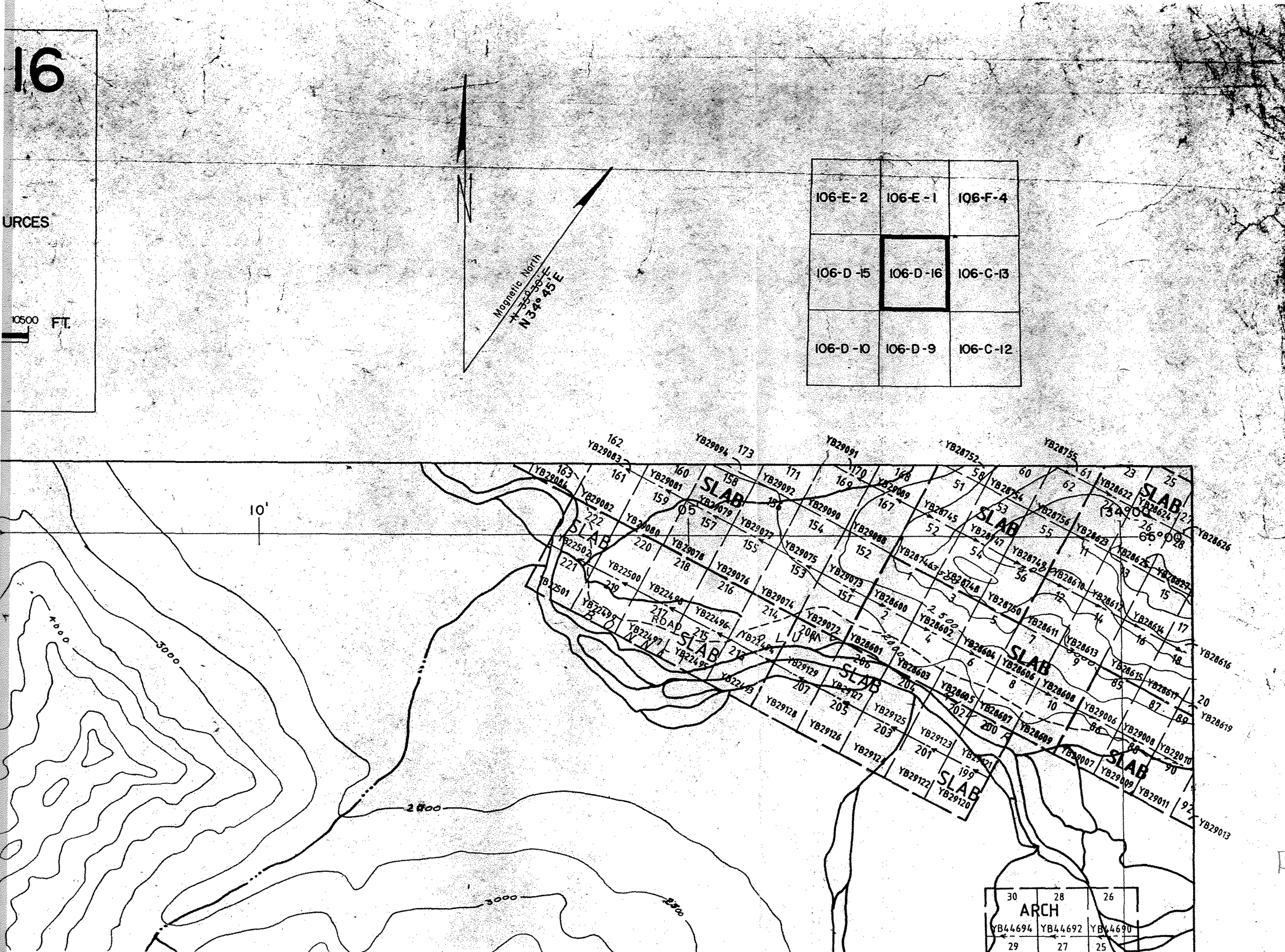
5000

5000

5000

5000

D93224
DWG ①


16
URCES
10500 FT.
N
Magnetic North
N 34° 45 E
106-E-2
106-E-1
106-F-4
106-D-15
106-D-16
106-C-13
106-D-10
106-D-9
106-C-12
10'
SLAB
SLAB
SLAB
SLAB
SLAB
SLAB
SLAB
SLAB
ROAD
ARCH
YB44694
YB44692
4000
3000
2800
2500
3000
2500

DWG 093224
②

ISSUED UNDER THE

2 October 1989
26 JUNE 79
21 SEPT 1972
WHITEHORSE 5 MAY 1965

31 OCT 95
26 OCT 94
17 AUG 94
22 OCT 93
21 SEPT 93
27 AUG 93
14 JULY 93
29 NOV 91
05 NOV 91
20 FEB. 90

12 NOV 93
03 AUGUST 93
15 JULY 93
24 JUNE 93
18 JAN 93
30 NOV 92
26 OCT 92

SLAB
OTTER
ARCH
FAIR
HOOP
ROAD
S-127B
S-140B
FAIRCHILD LAKE

Dwg 3
093824