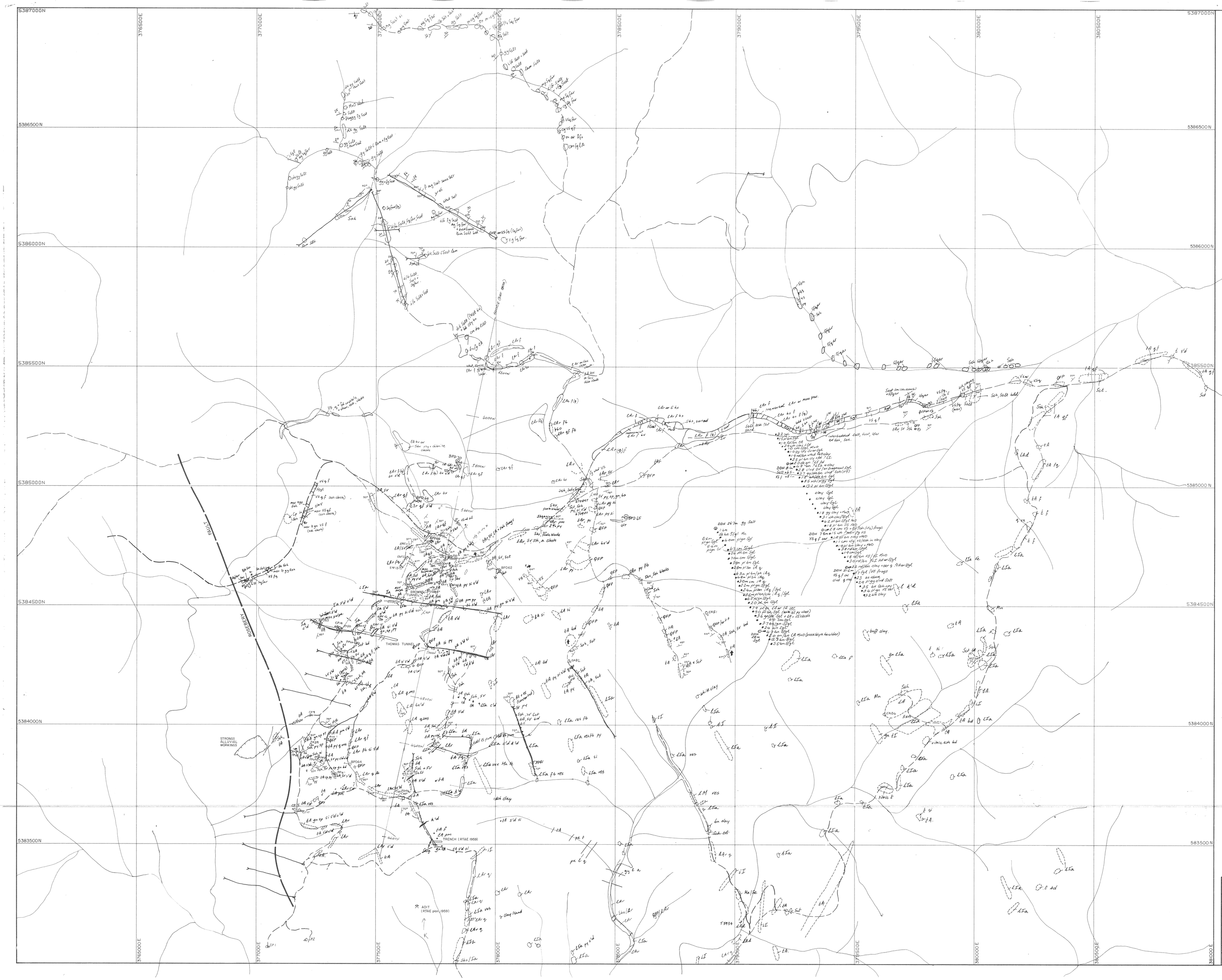


LEGEND

1.Colour

pl	pale
dk	dark
pk	pink
rd	red
bn	brown
or	orange
yl	yellow
gn	green
bk	black
wh	white
cm	cream
pp	purple

2.Cleavages

w.clvd	(weakly cleaved)
clvd	(moderately cleaved)
s. clvd	(strongly cleaved)

3.Igneous Grain Size

fg	< 1 mm
mg	1-5 mm
cg	5-50mm
vcg	> 50mm

4.Sediment Grain Size

argillites		< 0.06 mm	rudites	<	2 mm
arenites -	vfg	0.06 - 0.12 mm	gr (granule)	2	4 mm
	fg	0.12 - 0.25 mm	pb (pebble)	4	64 mm
	mg	0.25 - 0.50 mm	cob (cobble)	64	256 mm
	cg	0.50 - 1.00 mm	bld (boulder)	>	256 mm
	vcg	1.00 - 2.00 mm			

5.Igneous Rock Classification

	Av	Undifferentiated Acid Volcanic	
10	tA	Acid tuff	rhyolite r
6	lA	Acid Lava	rhyodacite r d
6	iA	Minor Acid Intrusives	dacite d
19	* * *	Major Acid Intrusives	GR granite
			QFP quartz feldspar porphyry
	Iv	Undifferentiated Intermediate Volcanic	
51	tI	Intermediate tuffs	trachyte t
47	lI	Intermediate lava	latite l
47	iL	Minor Intermediate Intrusives	andesite a
41	Di	Major Intermediate Intrusives	
60	B	Basic Volcanics	basalt b
54	dI	Minor Basic Intrusives	dolerite d
54	GB	Major Basic Intrusives	Gabbro
64	U	Ultramafic Rocks	

6.Sedimentary Rock Classification

27	VS	Volcaniclastic Seds	Sv	Volcanogenic Seds	
28	Srd	Rudites	Scon	conglomerate	
			Sbx	Braccia (Sedimentary)	
		Sar arenites <15% matrix	Sqtz	orthoquartzite	
			Sqar	quartz arenite	
			Sfar	feldspar arenite	
33	Ssst	sandstones	Sak arkose	Slar	lithic arenite
			Svar	volcanic arenite	
		Swk wackes	sgwk	quartz wacke	
		sgwk greywacke	sfwk	feldspathic wacke	
		>15% matrix	slwk	lithic wacke	
			svwk	volcanic wacke	
			Sslt	Siltstone	
23	Sag	Argillites	Ssh	Shale	
			Sbs	Black shale	
34	Sls t	Limestone			
34	Sdol	Dolomite	Sct	Chert	
31	Sif	Iron Information	4 Sfgl	Fluvoglacials	
31	Sev	Evaporite	4 Sgl	Glacial deposits	
			4 Salv	Alluvium	

7.SCH Undifferentiated Metamorphic

8.Silicates

q	quartz	bwk	borwork
kf	K-feldspar	gos	gossan
ab	albite	hm	haematite
pf	plagioclase	mag	magnetite
a	amphibole	lim	limonite
px	pyroxene	bn	bornite
b	biotite	cp	chalcopyrite
c	chlorite	sp	sphalerite
s	sericite	gn	galena
e	epidote	py	pyrite
to	tourmaline	po	pyrrhotite
f	feldspar	asp	arsenopyrite
hb	hornblende	Mn	Mn-oxides
t	talc	Fe	Fe-oxides
		tet	tetrahedrite

9.Sulphides,Oxides

10.Carbonate,etc

cb	carbonate		
sid	siderite		
cl	calcite		
dol	dolomite		
rh	rhodochrosite		
ba	barite		
fl	fluorite		
shl	scheelite		
Au	gold		
lx	Leucoxene		

11.Textures

lava		bm	bombs
lt	lithic tuff	pm	pumice
xt	crystal tuff	fm	fiamme
vt	vitric tuff		(length cm)
lpt	lapilli tuff	p	porphyritic
ag	agglomerate	a	amygdaloidal
af	ash flow	ves	vesicular
ashfll	ash fall	sph	spherulitic
bx	breccia	wld	welded
qe/aug	quartz eyes/augen	rwk'd	reworked
bd	bedded	fr	fragments
schistose		cl	clasts
fld	filled	bnd	banded
		fb	flow banded
		num	numerous

f	flow brecciated		
vns	veins		
xbd	cross-bedded		
tkbd	thick-bedded		
tnbd	thin-bedded		
ib	inter-bedded		
lam	laminated		
bx'd	brecciated		
stg	staining		
rnd	rounded		
mav	massive		
wthd	weathered		
cav	cavities		
i/b	interbedded		
fr-app	fragmented appearance		

12.Alteration

alb	albite	(ser)	weak
cb	carbonate	ser	strong
chl	chlorite		
ser	sericite		
kao	kaolin		
epi	epidote		
sil	siliceous		
cty	cherty		

13.Structure

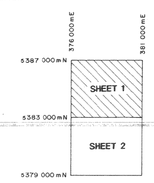
- Fault Plane
- Bedding
- Cleavage
- Joint
- Plunge
- Facing & Class
- Unconformity
- Outcrop
- Intergrated boundary
- Shearing
- Flow banding

14.Mineralization

diss	(-) disseminated (%)	(SBx)	Rock type in brackets
str	stringer	(lls)	confirmed by petrology
mas	massive		

15.Topographical Features

- Road
- Track: vehicle, foot
- Railway, tramway
- River, creek
- Waterfall
- •9.5m Drill Hole & Depth
- Drill Hole
- Old mine, pit
- Thin Section
- △435 Trig, spot height
- Dump or scree



SHEET INDEX

NOTE SOURCE! - Comstaff Mapping 1984 10 %
BHP Mapping 1986 5 %
Geopeko/Pasminco Mapping 1988-90 50 %
R. Reid (Tas. Uni) 1990 5 %
B. Coutts (Tas. Uni) 1990 10 %

PASMINCO EXPLORATION
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SHEET 1
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