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UNIVERSITY  
WINDSORDATE: Aug 24/05TO: Craig Hart  
Yukon GeologyFROM: D.T.A. SYMONS  
DEPARTMENT OF EARTH SCIENCES  
UNIVERSITY OF WINDSOR  
WINDSOR, ONTARIO  
CANADA N9B 3P4AT FAX: 867-393-6232NUMBER OF PAGES INCLUDING  
THIS PAGE:2AT FAX: 519-973-7081  
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TELEPHONE: 519-253-3000  
Extension 2493MESSAGE: Hi Craig - Here are the notes that I gave to Mike for  
collecting drill core samples at Howards Pass.

- ③ - Sampling: would like  $\sim 27 \pm 3$  pieces of core, each  $\sim 10-12$  inches long, from  $\sim 5 \pm 2$  drill holes; this will generate  $\sim 270$  specimens
- need - decl<sup>n</sup> & inclination of each drill hole
  - pick core with evidence of bedding to give core-bedding angle even if it is in a slump fold possibly
  - mark on the "top" of each piece of core even though it may have been inverted ie most likely won't be
  - try to get whole pieces of core or, if broken, a couple of pieces that fit together to give each  $\sim 12$ " length
  - try to avoid split cores; this may not be possible for mineralization, especially high grade; however, we can use split core if necessary
  - take whatever size core was drilled AX, EX, etc; oversized core can be cut-down somehow
  - note map values for strike & dip where drill holes are located if possible

(2)

- ask for a plan map showing the entire deposit (or as much as possible) with the <sup>sampled</sup> drill holes located on it for a location map when the write-up is done
- using stratigraphy in Fig. 14 of Goodfellow & Schussler
  - sample from ① l.m. Dps - lower middle Devonian black mudstone
  - ② m.u. Sp - middle upper Silurian dol. mdst
  - ③ l. St - Upper Ordovician member - ore
  - ④ l. Sl - lower " " - ore
  - ⑤ u. OSp - upper Ordovician, bk carb. cherty mdst
  - ⑥ u. Op - " " dk, gy, calc mdst

\* in general, avoid chert unless well mineralized

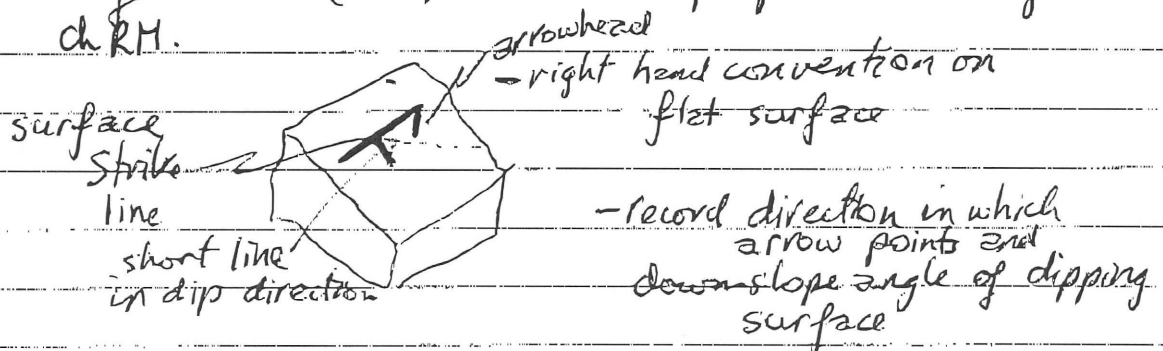
\* split - ~ 1/2 of samples should be in ③ & ④ units

~ 1/4 " " " " in ① & ② "

~ 1/4 " " " " in ⑤ & ⑥ "

\* if conglomeratic core is present w/ ~~the~~ slump clasts that are large enough to give at least one specimen, then get ~ 8-10 cts worth of pieces of any length.

\* if surface outcrop(s) are available of units ①-⑥ within the same tectonic block as the ore deposit, ~~collect~~ <sup>collect</sup> a few ~~sets~~ <sup>hand samples</sup> (~ 4). This will help define declination of the ch. RM.



- with sediments, the slope surface is often also a dip surface; otherwise, also ~~record~~ record the strike & dip of the rock unit if possible.

ANS044	1138.0	32325.00	56540.00	3850.0	NQ	196.5	-68	Y
ANS045	1172.0	31170.00	57465.00	3995.0	NQ	186.5	-61.5	Y
ANS046	1246.0	30780.00	53965.00	3635.0	NQ	191.5	-50	Y
ANS047	756.0	31200.00	54645.00	3695.0	NQ	176.5	-76	Y
ANS048	374.0	36615.00	53635.00	3720.0	NQ	0	-90	
ANS049	319.0	35800.00	55200.00	3670.0	NQ	0	-90	
ANS050	256.0	36190.00	52740.00	3710.0	NQ	0	-90	
ANS051	1006.0	33865.00	51505.00	3720.0	NQ	189.5	-68.5	Y
ANS052	268.5	37505.00	51935.00	3755.0	NQ	0	-90	
ANS053	418.0	37000.00	51130.00	3750.0	NQ	0	-90	
ANS054	173.0	21175.00	61975.00	4875.0	NQ	0	-90	
ANS055	1170.0	29490.00	54730.00	3700.0	NQ	173.5	-69	Y
ANS056	1861.0	20710.00	61130.00	4910.0	NQ	29.5	-60.5	Y
ANS057	792.0	19230.00	62580.00	4690.0	NQ	32.5	-61	Y
ANS058	2199.0	18820.00	61830.00	4850.0	NQ	42	-32	Y
ANS059	938.0	17500.00	63540.00	4510.0	NQ	45.5	-60	Y
ANS060	238.0	15690.00	64350.00	4550.0	NQ	30	-75	
ANS061	733.0	15440.00	63900.00	4580.0	NQ	33.5	-72	Y
ANS062	924.0	15300.00	63650.00	4620.0	NQ	26	-48	Y
ANS063	2256.0	17160.00	62940.00	4470.0	NQ	34	-36.5	Y
ANS064	1124.0	21920.00	61230.00	4920.0	NQ	31	-71	Y
OPS001	66.0	5285.00	72300.00	5212.0	BQ	0	-90	
OPS002	428.0	5336.90	72089.80	5230.0	NQ	0	-90	
OPS003	392.0	5064.70	71613.00	5288.0	NQ	0	-90	
OPS004	45.0	5230.00	71940.00	5255.0	NQ	30	-70	
OPS005	223.5	5230.00	71940.00	5255.0	NQBQ	0	-90	
OPS006	320.0	6058.00	71600.00	5335.0	HQNQ	0	-90	
OPS008	610.0	6400.00	71660.00	5300.0	HQNQ	0	-90	
OPS009	434.0	5435.00	72235.00	5218.0	HQNQ	0	-90	
OPS010	281.0	4850.00	72685.00	5110.0	HQNQ	0	-90	
XYS001	549.5	86269.67	20292.80	5723.3	NQ	0	-90	
XYS002	677.0	86782.95	19619.06	5621.4	NQ	0	-90	
XYS003	308.0	86289.52	20332.14	5741.3	NQ	212.68	-70	
XYS004	551.5	86031.99	19969.59	5581.9	NQ	28.92	-45	
XYS005	115.0	87749.16	19332.00	5613.1	NQ	0	-90	
XYS006	679.0	87801.33	19319.97	5607.5	NQ	35	-60	
XYS007	927.0	88771.74	18575.88	5363.2	NQ	34	-60	
XYS008	575.0	88418.88	19126.61	5511.4	NQ	38	-60	
XYS009	207.0	88770.66	18574.25	5363.2	NQ	0	-90	
XYS010	561.0	89315.51	18955.19	5459.1	NQ	208.17	-75	
XYS011	571.0	90273.65	18088.80	5224.9	NQ	30	-17	Y
XYS012	620.0	86808.26	19627.83	5627.3	NQ	31.72	-60	
XYS013	653.0	83020.09	22263.15	5588.9	NQ	41.55	-60	
XYS014	603.0	90394.37	18311.87	5230.1	NQ	26.38	-51	Y
XYS015	700.0	82876.24	22053.60	5552.9	NQ	40.35	-40	Y
XYS016	500.5	90576.17	18558.07	5254.3	NQ	6	-34	Y
XYS017	588.0	88806.05	18809.74	5394.8	NQ	31	-60	
XYS018	734.5	82737.01	21845.98	5523.0	NQ	35.28	-60	
XYS019	1082.0	90934.84	20645.27	5404.2	NQ	30	-55	Y

DDH 2 442  
3 585  
4 165  
5 365 — ANS012  
6 446



A36  
A71

A13 coordinates are good  
A54 coords ✓ fine

6937500

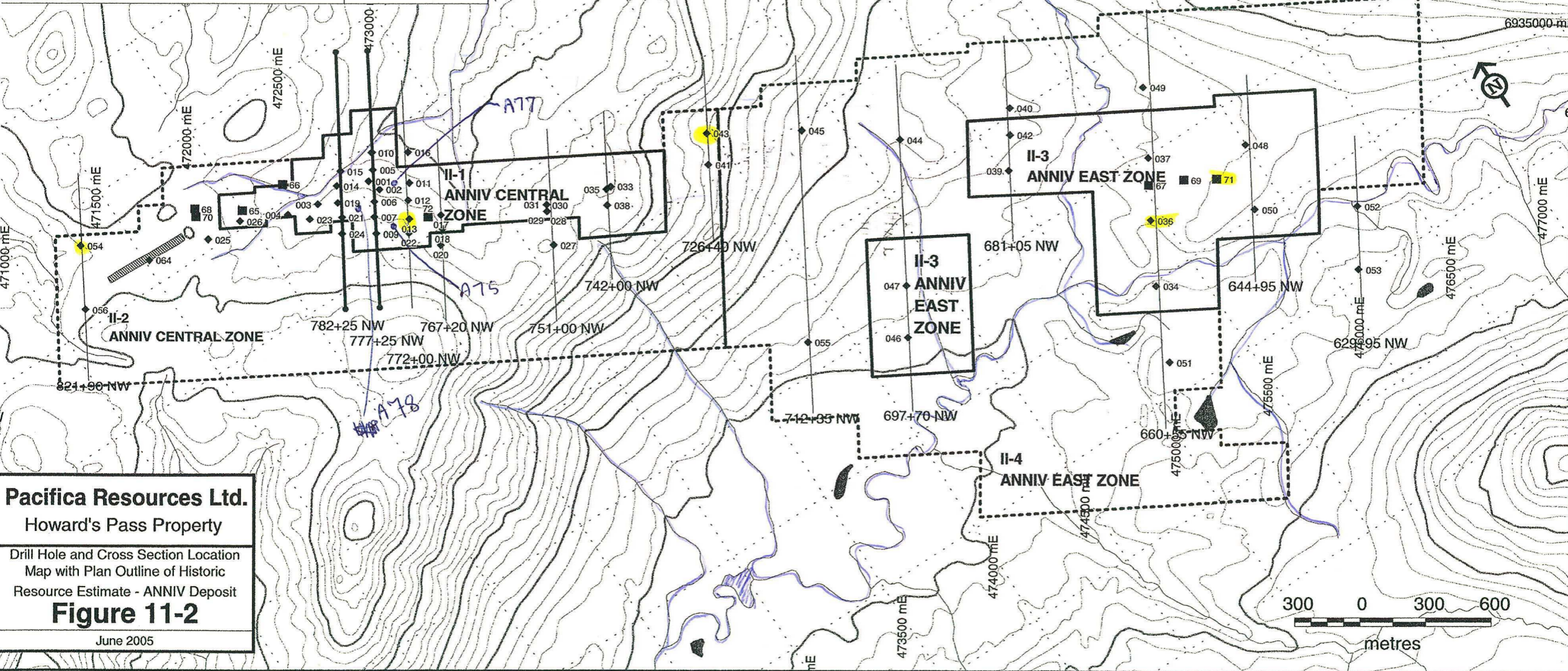
6931000

6936500

- Historical Drill Collars
  - 2000 Drill Collars
  - Sections
  - End Point
  - Selected Section Line
  - Section Line
  - d Resource Block
- Indicated Resource Block
  - Runway
  - Lake
  - Elevation Contours
  - Streams



J.L. Burgoyne  
June 6, 2005



**Pacifica Resources Ltd.**  
Howard's Pass Property  
Drill Hole and Cross Section Location  
Map with Plan Outline of Historic  
Resource Estimate - ANNIV Deposit  
**Figure 11-2**  
June 2005

MA 91187  
no coordinates  
in M.A.

coords  
from  
digitized  
ddh map

A43 -129.508303 62.562104  
A36 -129.479767 62.549129

6934799 453450

East (f) North

A36 A43

25521 59587

69 34800 453450

62.5412 -129.9044577 A36

35774.42 53649.03

88867 19465

~~800049 24252~~  
83949361.61 20328.08

xy deposit  
ddhs

89119.58 17490.63

21175 61975

6929960 458215

62.49434 -129.811063 A43

does not  
exist

ANS013

ANS036

ANS071

A75

A78

A77

A54

A43