











# Symmetry Analysis

456-75-15

330-350 - perv.  $S_2$

350.5 - M

352 - M

353 - M

353-363 - perv  $S_2$

363 - S

364-365 - M

366.5 - S

373 - S

376 - S

376-401 - perv  $S_2$

401  $F_2$  //  $S_2$  dip

401-420 - perv.  $S_2$

420.5 - S

421-422 - S

425.5 - S

428.25 - indeterminate

429-433 - perv.  $S_2$  (BMAS contact)

433-503 perv.  $S_2$

503.5 - M

509 - S

520 - M(?)

522.5 - Z

523-545 - perv.  $S_2$

545.5 - M

546-560 - perv  $S_2$

561 - M

561-567 - perv.  $S_2$

567.5-568 - S

569-578 - perv.  $S_2$

578 - Z

578-585 perv  $S_2$

585 - S

585-609 perv  $S_2$

609.5 - S

610-625 - perv  $S_2$

625 - S

629 - indeterminate

630 - "

637 - M?? / indeterminate

641 - M

651 - Z

655.5 - S

656-703 - perv  $S_2$

703 -  $F_2$  axes //  $S_2$  dip

703-718 - perv  $S_2$

718 - S

718-743 - perv  $S_2$

743 - Z

747 M

747.5 - S

748-752 perv.  $S_2$

752 - S

753 - M

753-757 - perv  $S_2$

757 -  $F_2$  axes //  $S_2$  dip

757-767 - perv  $S_2$

767.5 - S

768-814 - perv  $S_2$

814 -  $F_2$  axes //  $S_2$  dip

816.5 - S

817-821 - perv  $S_2$

To R.E.G. Davis/J.G. Simpson

Date October 22, 1975

From D.S. Jennings

Subject Assay Results - DDH 456-75-15

The following table summarizes assay results for DDH 456-75-15:

Sample	Interval	Footage	Au oz/ton	Ag oz/ton	Pb	Zn	Cu	(Pb+Zn) Comb.
1425	710 -716.5	6.5	0.005	0.04	0.05	0.02	0.10	0.07
1426	716.5-722.5	6.0	0.005	0.96	0.43	1.28	0.07	1.71
1427	722.5-729.5	7.0	0.005	1.40	4.88	8.00	0.06	12.88
1428	729.5-731	1.5	0.005	2.68	6.11	9.46	0.34	15.57
1429	731 -736.5	5.5	0.005	1.60	5.10	7.06	0.19	12.16
1430	736.5-742.5	6.0	0.005	1.64	4.58	8.20	0.19	12.78
* 1431	742.5-747	4.5	0.005	1.64*	1.53	3.48	0.09	5.01
* 1432	747 -752	5.0	0.005	0.72	1.28	2.52	0.05	3.80
* 1433	752 -757	5.0	0.005	1.00	1.48	2.46	0.05	3.94
* 1434	757 -762	5.0	Trace	0.56	0.75	2.34	0.04	3.09
* 1435	762 -767	5.0	0.005	0.76	1.28	2.76	0.06	4.04
1436	767 -773	6.0	Trace	0.16	0.28	0.40	0.04	0.68

These results yield the following weighted averages for the footages indicated:

Interval	Footage	Cu	Pb	Zn	Ag	Au	Pb+Zn
722.5-742.5	20.0	0.16	4.94	7.89	1.62	0.005	12.83
722.5-747	24.5	0.14	4.32	7.08	1.63	0.005	11.40
747 -767	20.0	0.05	1.20	2.52	0.76	0.005	3.72
722.5-767	44.5	0.10	2.92	5.03	1.24	0.005	7.95

*MASSIVE SULFIDES*  
*BANDED QUARTZITIC SULFIDES*  
 742.5 - 767 | 24.5 | 0.048 | 1.26 | 2.70 | 0.92 | 0.005 | 3.96

Additional definition drilling of the southwest and northeast margins of zones 1 and 3, as well as the southeast and southwest margins of zone 2, should be undertaken in 1976 to outline marginal ore (possibly for underground mining in case of down-dip extension of zones 1 and 3) prior to implementation of the new Laurich-Kennedy ultimate pit mining plan. A proposed drilling plan is in preparation.

S. S. JENNINGS

DSJ/cb

c.c. U. Jansons

SIDE  
BANDS  
etc

CCP 1.76 7.70 97 005 3.96

\* VALUES USED TO CALCULATE WEIGHTED AVERAGE