

**CURRASH RESOURCES INC.**  
**GEOLOGY DEPARTMENT**  
**1990 FARD ORE RECONCILIATION**

003510

Del 386 e:\1990year\FARDREC.WR1  
 January 28 1990 M. Wasef

TOTAL F9003 + F9008 MINED HIGH GRADE > 6%  
 DEC. 28TH\1989 TO DEC. 28TH\1990

HIGH GRADE ORE > 6%

BLASTHOLE INVENTORY MINED HIGH GRADE > 6%  
 DEC. 28TH\1989 TO DEC. 28TH\1990

BENCH	VOLUME	DENSITY	TONNAGE	Pb+Zn%	PbZ	Zn%	tonnes	tonnes		BENCH	VOLUME	DENSITY	TONNAGE	Pb+Zn%	PbZ	Zn%	tonnes	tonnes	
	bcy	t/bcy					Pb	Zn			bcy	t/bcy					Pb	Zn	
3830	0	0.00	0	0.00	0.00	0.00	0	0		3830	0	0.00	0	0.00	0.00	0.00	0	0	
3810	0	0.00	0	0.00	0.00	0.00	0	0		3810	0	0.00	0	0.00	0.00	0.00	0	0	
3790	327	2.99	980	10.21	3.59	6.62	35	65		3790	0	0.00	0	0.00	0.00	0.00	0	0	
3770	131	3.05	400	8.94	3.39	5.55	14	22		3770	2,953	3.35	9,901	7.54	3.33	4.21	330	417	
3750	0	0.00	0	0.00	0.00	0.00	0	0		3750	3,557	3.32	11,798	9.43	3.67	5.76	433	680	
3730	0	0.00	0	0.00	0.00	0.00	0	0		3730	0	0.00	0	0.00	0.00	0.00	0	0	
3710	0	0.00	0	0.00	0.00	0.00	0	0		3710	0	0.00	0	0.00	0.00	0.00	0	0	
3690	917	2.98	2,730	6.75	2.51	4.24	68	116		3690	7,492	3.34	25,056	8.63	3.31	5.32	829	1,333	
3670	9,133	3.04	27,720	6.72	2.78	3.94	770	1,093		3670	14,144	3.04	42,980	10.33	3.43	6.90	1,474	2,966	
3650	22,850	2.83	64,740	7.00	2.68	4.32	1,734	2,795		3650	24,935	3.10	77,413	7.74	2.97	4.77	2,299	3,693	
3630	24,389	2.67	65,190	6.94	2.23	4.72	1,453	3,074		3630	27,852	2.79	77,619	7.57	2.31	5.26	1,793	4,083	
3610	34,046	2.73	92,870	7.05	2.57	4.48	2,389	4,157		3610	11,076	3.16	35,038	9.91	3.65	6.26	1,279	2,193	
3590	39,578	2.85	112,600	7.79	2.74	5.05	3,090	5,685		3590	19,997	3.06	61,170	9.92	3.79	6.14	2,316	3,753	
3570	48,123	2.91	140,210	8.12	3.16	4.96	4,429	6,951		3570	68,831	2.93	201,575	8.81	3.26	5.55	6,568	11,195	
3550	41,641	2.89	120,490	7.60	3.05	4.55	3,675	5,482		3550	32,123	2.91	93,479	8.43	3.17	5.26	2,965	4,914	
3530	62,232	3.07	191,190	7.87	3.74	4.13	7,154	7,892		3530	71,086	3.04	216,094	7.96	3.33	4.63	7,196	10,005	
3510	152,486	3.10	473,140	8.06	3.24	4.82	15,349	22,786		3510	113,412	3.05	345,667	8.72	3.45	5.27	11,926	18,217	
3490	147,052	3.26	479,970	8.76	3.55	5.22	17,029	25,035		3490	184,957	3.24	599,042	9.18	3.60	5.58	21,566	33,427	
3470	139,949	3.21	448,860	9.27	3.73	5.54	16,729	24,867		3470	180,215	3.22	580,274	8.94	3.33	5.61	19,323	32,553	
3450	143,876	3.35	481,610	8.89	3.44	5.45	16,571	26,234		3450	144,515	3.34	483,004	9.20	3.40	5.80	16,422	28,014	
3430	118,931	3.13	372,320	8.93	3.29	5.64	12,250	21,009		3430	87,039	3.38	293,993	9.34	3.54	5.80	10,407	17,052	
3410	60,824	3.11	189,200	7.82	2.90	4.92	5,489	9,307		3410	81,740	3.30	270,067	7.88	2.88	5.00	7,778	13,503	
3390	524	3.24	1,700	7.91	2.76	5.16	47	88		3390	0	0.00	0	0.00	0.00	0.00	0	0	
3370	229	3.23	740	9.25	3.19	6.06	24	45		3370	0	0.00	0	0.00	0.00	0.00	0	0	
3350	327	3.15	1,030	8.48	2.92	5.56	30	57		3350	0	0.00	0	0.00	0.00	0.00	0	0	
3330	0	0.00	0	0.00	0.00	0.00	0	0		3330	0	0.00	0	0.00	0.00	0.00	0	0	

VOLUME	DENSITY	TONNAGE	Pb+Zn%	PbZ	Zn%	tonnes	tonnes		VOLUME	DENSITY	TONNAGE	Pb+Zn%	PbZ	Zn%	tonnes	tonnes			
bcy	t/bcy					Pb	Zn		bcy	t/bcy					Pb	Zn			
TOTALS	1,047,566	3.12	3,267,690	8.42	3.32	5.10	108,330	166,761		TOTALS	1,075,924	3.18	3,424,170	8.85	3.36	5.49	114,903	187,996	

- Model Tonnages and Volumes adjusted for a 5% Mining Loss.

TOTALS	995,188	3.12	3,104,306	8.42	3.32	5.10	102,913	158,423		TOTALS	1,075,924	3.18	3,424,170	8.85	3.36	5.49	114,903	187,996	
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1990 MINED ORE RESERVE VARIANCES

VOLUME	DENSITY	TONNAGE	Pb+Zn%	PbZ	Zn%	tonnes	tonnes
bcy	t/bcy					Pb	Zn
Variance in +6% Pb+Zn Ore							
:(blastholes-(F9003+F9008 model))							
		80,736	0.06	319,865	0.43	0.04	0.39 11,990 29,573
Variance in +6% Pb+Zn Ore							
:(blastholes-(F9003+F9008 model))							
		8	2	10	5	1	8 12 19
:(F9003+F9008 Model)							

- The F9003 Model Was used From December 28, 1989 to July 31, 1990.

- The F9008 Model Was Used From August 1, 1990 To December 28, 1990.

TOTAL F9003 + F9008 MINED MEDIUM GRADE 5 - 6%  
DEC. 28TH\1989 TO DEC. 28TH\1990

MEDIUM GRADE ORE 5 - 6 %

BLASTHOLE INVENTORY MINED MEDIUM GRADE 5 - 6 %  
DEC. 28TH\1989 TO DEC. 28TH\1990

BENCH	VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes	BENCH	VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes
	bcy	t/bcy					Pb	Zn		bcy	t/bcy					Pb	Zn
3830	0	0.00	0	0.00	0.00	0.00	0	0	3830	0	0.00	0	0.00	0.00	0.00	0	0
3810	0	0.00	0	0.00	0.00	0.00	0	0	3810	0	0.00	0	0.00	0.00	0.00	0	0
3790	0	0.00	0	0.00	0.00	0.00	0	0	3790	0	0.00	0	0.00	0.00	0.00	0	0
3770	0	0.00	0	0.00	0.00	0.00	0	0	3770	0	0.00	0	0.00	0.00	0.00	0	0
3750	0	0.00	0	0.00	0.00	0.00	0	0	3750	0	0.00	0	0.00	0.00	0.00	0	0
3730	0	0.00	0	0.00	0.00	0.00	0	0	3730	11,732	3.25	38,148	6.63	2.89	3.74	1,102	1,427
3710	2,684	3.23	8,660	5.41	2.83	2.58	245	223	3710	12,580	3.28	41,287	5.03	2.21	2.82	912	1,164
3690	491	3.24	1,590	5.06	2.74	2.33	44	37	3690	11,127	3.30	36,745	5.33	2.20	3.13	808	1,150
3670	6,613	3.03	20,030	5.52	2.28	3.24	456	649	3670	8,181	3.40	27,830	5.94	2.42	3.52	673	980
3650	20,886	2.68	55,900	5.48	1.91	3.57	1,068	1,997	3650	16,752	2.68	44,928	5.73	1.81	3.92	813	1,761
3630	29,659	2.60	77,090	5.52	1.79	3.73	1,380	2,875	3630	47,280	2.88	136,296	6.04	2.00	4.04	2,726	5,506
3610	38,433	2.70	103,600	5.50	1.93	3.57	1,999	3,702	3610	23,361	3.05	71,353	5.80	2.04	3.76	1,456	2,683
3590	24,683	2.78	68,500	5.42	1.98	3.44	1,356	2,354	3590	23,744	3.07	72,806	5.89	2.09	3.80	1,518	2,767
3570	19,642	2.90	56,960	5.31	1.98	3.33	1,125	1,897	3570	40,060	3.01	120,651	6.45	2.45	4.00	2,954	4,822
3550	15,353	3.15	48,330	5.43	2.16	3.27	1,044	1,579	3550	23,747	2.97	70,639	5.95	2.42	3.52	1,713	2,489
3530	26,026	3.07	79,910	5.49	2.42	3.07	1,936	2,450	3530	28,812	3.04	87,726	5.98	2.57	3.41	2,255	2,991
3510	6,154	3.05	18,760	5.61	2.52	3.09	473	580	3510	46,436	3.01	139,976	5.88	2.52	3.36	3,527	4,703
3490	16,270	3.22	52,440	5.40	2.27	3.13	1,189	1,642	3490	31,318	3.01	94,419	5.54	2.23	3.31	2,106	3,125
3470	17,809	3.22	57,430	5.55	2.32	3.24	1,330	1,858	3470	18,626	2.97	55,356	5.31	2.12	3.19	1,174	1,766
3450	5,827	3.08	17,920	5.72	2.48	3.24	445	580	3450	32,807	2.82	92,480	5.31	2.02	3.29	1,868	3,043
3430	23,046	2.55	58,790	5.62	2.06	3.56	1,213	2,093	3430	36,599	2.96	108,319	6.02	2.31	3.71	2,502	4,019
3410	14,404	2.63	37,910	5.42	1.80	3.62	681	1,372	3410	13,056	2.57	33,594	5.93	2.20	3.73	739	1,253
3390	851	3.22	2,740	5.54	1.94	3.60	53	99	3390	0	0.00	0	0.00	0.00	0.00	0	0
3370	0	0.00	0	0.00	0.00	0.00	0	0	3370	0	0.00	0	0.00	0.00	0.00	0	0
3350	0	0.00	0	0.00	0.00	0.00	0	0	3350	0	0.00	0	0.00	0.00	0.00	0	0
3330	0	0.00	0	0.00	0.00	0.00	0	0	3330	0	0.00	0	0.00	0.00	0.00	0	0

VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes	VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes		
bcy	t/bcy					Pb	Zn	bcy	t/bcy					Pb	Zn		
TOTALS	268,832	2.851	766,560	5.48	2.09	3.39	16,037	25,987	TOTALS	426,218	2.99	1,272,553	5.85	2.27	3.59	28,847	45,649

- Model Tonnages and Volumes adjusted for a 5% Mining Loss.  
95%

TOTALS	255,390	2.85	728,232	5.48	2.09	3.39	15,235	24,688	TOTALS	426,218	2.99	1,272,553	5.85	2.27	3.59	28,847	45,649
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1990 MINED ORE RESERVE VARIANCES

VARIANCE	VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes
	bcy	t/bcy					Pb	Zn
Variance in 5 - 6% Pb+Zn Ore (blastholes-(F9003+F9008 model))	170,828	0.13	544,321	0.37	0.17	0.20	13,612	20,962
% Variance in 5 - 6% Pb+Zn Ore (blastholes-(F9003+F9008 model)) /(F9003+F9008 Model)	67	5	75	7	8	6	89	85

- The F9003 Model Was used From December 28, 1989 to July 31, 1990.  
- The F9008 Model Was Used From August 1, 1990 To December 28, 1990.

LOW GRADE ORE 3 - 5 %

TOTAL F9003 + F9008 MINED LOW GRADE 3 - 5 %  
DEC. 28TH\1989 TO DEC. 28TH\1990

BLASTHOLE INVENTORY MINED LOW GRADE 3 - 5 %  
DEC. 28TH\1989 TO DEC. 28TH\1990

BENCH VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes	BENCH VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes		
bcy	t/bcy					Pb	Zn	bcy	t/bcy					Pb	Zn		
3830	0	0.00	0	0.00	0.00	0	0	3830	0	0.00	0	0.00	0.00	0	0		
3810	0	0.00	0	0.00	0.00	0	0	3810	0	0.00	0	0.00	0.00	0	0		
3790	0	0.00	0	0.00	0.00	0	0	3790	0	0.00	0	0.00	0.00	0	0		
3770	0	0.00	0	0.00	0.00	0	0	3770	0	0.00	0	0.00	0.00	0	0		
3750	0	0.00	0	0.00	0.00	0	0	3750	0	0.00	0	0.00	0.00	0	0		
3730	5,074	2.97	15,080	3.37	1.80	1.57	271	237	3730	170	3.26	555	2.37	1.56	0.81	9	4
3710	10,639	3.21	34,180	4.04	2.13	1.91	729	652	3710	273	3.45	943	3.07	1.80	1.27	17	12
3690	17,612	3.06	53,940	3.82	1.79	2.03	967	1,096	3690	1,302	2.94	3,825	3.02	1.40	2.42	54	93
3670	7,398	2.94	21,780	4.41	1.79	2.62	389	571	3670	2,624	2.75	7,208	4.63	1.68	2.95	121	213
3650	23,570	2.53	59,710	4.08	1.33	2.75	796	1,641	3650	25,221	2.85	71,844	4.55	1.59	2.96	1,142	2,127
3630	33,293	2.76	92,050	4.40	1.61	2.79	1,486	2,567	3630	24,673	2.84	70,071	4.34	1.36	2.98	953	2,088
3610	37,417	2.59	96,830	4.31	1.52	2.78	1,475	2,696	3610	16,977	2.75	46,642	4.02	1.18	2.84	650	1,325
3590	58,042	2.79	161,780	4.13	1.62	2.51	2,625	4,054	3590	8,890	2.96	26,308	3.99	1.41	2.58	371	679
3570	71,561	2.89	206,940	3.97	1.61	2.36	3,333	4,878	3570	29,863	2.86	85,527	4.24	1.40	2.84	1,198	2,426
3550	47,075	3.02	142,030	4.15	1.75	2.40	2,480	3,410	3550	5,465	2.88	15,745	4.43	1.55	2.88	244	453
3530	28,939	3.12	90,430	4.30	1.98	2.32	1,794	2,096	3530	2,756	2.94	8,097	4.40	2.23	2.17	181	176
3510	622	3.04	1,890	3.88	1.62	2.26	31	43	3510	16,411	3.02	49,632	4.08	1.77	2.31	878	1,146
3490	38,203	3.14	120,000	3.99	1.91	2.08	2,293	2,500	3490	19,140	2.99	57,231	4.13	1.92	2.21	1,099	1,265
3470	26,353	3.07	80,930	4.13	1.70	2.43	1,374	1,970	3470	13,460	2.72	36,676	3.95	1.54	2.41	565	884
3450	2,390	3.09	7,390	4.34	2.02	2.32	149	171	3450	7,291	2.73	19,882	3.62	1.38	2.24	274	445
3430	13,422	2.58	34,650	4.40	1.61	2.79	558	967	3430	19,493	2.46	47,863	4.32	1.84	2.68	785	1,283
3410	26,680	2.26	60,430	4.47	1.50	2.97	905	1,796	3410	11,372	2.44	27,797	3.93	1.44	2.49	400	692
3390	916	2.29	2,100	4.17	1.31	2.85	28	60	3390	0	0.00	0	0.00	0.00	0.00	0	0
3370	0	0.00	0	0.00	0.00	0.00	0	0	3370	0	0.00	0	0.00	0.00	0.00	0	0
3350	0	0.00	0	0.00	0.00	0.00	0	0	3350	0	0.00	0	0.00	0.00	0.00	0	0
3330	0	0.00	0	0.00	0.00	0.00	0	0	3330	0	0.00	0	0.00	0.00	0.00	0	0

VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes	VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes		
bcy	t/bcy					Pb	Zn	bcy	t/bcy					Pb	Zn		
TOTALS	449,207	2.854	1,282,140	4.14	1.69	2.45	21,684	31,406	TOTALS	205,381	2.804	575,846	4.19	1.54	2.66	8,841	15,310

- Model Tonnages and Volumes adjusted for a 5 % Mining Loss.

TOTALS	426,747	2.85	1,218,033	4.14	1.69	2.45	20,599	29,835	TOTALS	205,381	2.804	575,846	4.19	1.54	2.66	8,841	15,310
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1990 MINED ORE RESERVE VARIANCES

Variance in 3 - 5% Pb+Zn Ore	VOLUME	DENSITY	TONNAGE	Pb+Zn%	Pb%	Zn%	tonnes	tonnes
{(blastholes-(F9003+F9008 model))}	bcy	t/bcy					Pb	Zn
{(blastholes-(F9003+F9008 model))}	(221,366)	(0.05)	(642,187)	0.05	(0.16)	0.21	(11,759)	(14,525)
{(blastholes-(F9003+F9008 model))}	(52)	(2)	(53)	1	(9)	9	(57)	(49)

- The F9003 Model Was used From December 28, 1989 to July 31, 1990.

- The F9008 Model Was Used From August 1, 1990 To December 28, 1990.



CRUSHER FEED VARIANCE

CORRECTED TO MILL TONNAGES

	TONNAGE	Pb+Zn%	Pb%	Zn%	Tonnes Pb	Tonnes Zn
VARIANCE (Geology-Mill)	0	0.40	0.18	0.22	8,485	10,371
% VARIANCE ((Geology-Mill)/Geology)	0	5	6	4	6	4

UNCORRECTED TONNAGES FROM TRUCK COUNT

	TONNAGE	Pb+Zn%	Pb%	Zn%	Tonnes Pb	Tonnes Zn
VARIANCE (Geology-Mill)	(27,431)	0.37	0.17	0.20	7,193	8,017
% VARIANCE ((Geology-Mill)/Geology)	(1)	4	5	4	5	3

Polygonal calculations tend to over estimate grade.

On a daily basis it has statistically been shown that blasthole grades are slightly higher than mill head grades, primarily because Pb grades are over estimated.

The GEOSTAT memo Dated November 22 1990 gives two linear regression formulas for blasthole to mill head correlatons, one for Pb and one for Zn.

If these regression formulas are used on corrected blasthole grades above, the % variance for the tonnes of metal drops to 1% for Pb and 3% for Zn.

The regression formulae were derived from daily mill head data and not annual data, therefore they may not hold true for annual values as above.

FARO REMAINING RESERVES AS OF DEC 28/90 - ACCORDING TO THE F900R MODEL

		Volume bcy	Density t/bcy	tonnes	XPb	IZn	XPb+Zn
HIGH GRADE	> 6%	529,968	2.84	1,504,829	2.79	5.36	8.15
MEDIUM GRADE	5 - 6 %	240,182	2.78	667,584	1.93	3.51	5.44
LOW GRADE C	4 - 5 %	74,266	2.37	176,244	1.43	3.12	4.54
LOW GRADE A	4 - 5 %	203,547	2.95	600,989	1.68	2.84	4.52
LOW GRADE L	3 - 4 %	280,705	2.82	790,191	1.22	2.32	3.54
SULFIDE WASTE		689,531	2.60	1,789,914			
PHYLLITE WASTE		476,381	1.63	776,870			

PRELIMINARY

Remaining reserves have a 95 % recovery incorporated into the calculations.

Dilution has been accounted for by the use of bench composites when modelling.