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Mining District File Summary Sheet

DISTRICT	Rosebud
DIST_NO	4010
COUNTY If different from written on document	Pershing
TITLE If not obvious	Rosebud Project, Dozer Hill Resource Estimate, January 1991
AUTHOR	Thomas, B; Brewer N; Nelson, C; Davis B; Lee, S
DATE OF DOC(S)	1991
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7½'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Dozer Hill; Bond Gold Corp; Lac Minerals (USA) Inc; Rosebud Project
COMMODITY If not obvious	gold; silver
NOTES	Resource estimate; correspondence; geology; assays NOTE: Scan dividers 40p

Keep docs at about 250 pages if no oversized maps attached
(for every 1 oversized page (>11x17) with text reduce
the amount of pages by ~25)

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Initials Date

Revised: 1/22/08

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ROSEBUD PROJECT
DOZER HILL RESOURCE ESTIMATE

January, 1991

To: Bob Thomas NHH MCH

From: Nate Brewer, Mike Hultgren

Date: January 26, 1991

Subject: **DOZER HILL RESOURCE ESTIMATE - JANUARY, 1991**

LAC Memorandum

This memo describes the methods, rules and assumptions we have used to complete a geological resource estimate of the Dozer Hill deposit at Rosebud, Pershing County, Nevada.

DOZER HILL DEPOSIT SUMMARY:

The Dozer Hill deposit is situated in the southeast portion of LAC's Rosebud Project area, located in the Kamma Mountains, 50 miles north of Lovelock, Nevada. LAC began drilling in the area in the spring of 1989 and, on the third hole, RL-3, discovered significant gold-silver mineralization (55 feet @ 0.119 opt Au) 1400 feet southwest of Dozer Hill. Since then, a total of 97,430 feet in 135 core and reverse circulation drill holes have delineated a potentially economic resource. The following table summarizes the geologic resource estimates:

CUT-OFF (AU OPT)	CATEGORY	TONS	AU OPT (UNCUT)	OUNCES (UNCUT)	AU OPT (CUT)*	OUNCES (CUT)*
0.02	Probable	4,088,017	0.117	477,580	0.105	429,631
0.02	Possible	1,102,786	0.147	162,351	0.133	146,563
Totals:		5,190,803	0.123	639,931	0.111	576,194
0.05	Probable	1,591,720	0.236	375,388	0.210	333,942
0.05	Possible	676,659	0.220	148,721	0.194	131,250
Totals:		2,268,379	0.231	524,109	0.205	465,192

(* = High grades cut to 1.0 opt Au)

The resource is still open in several areas and current drill hole spacing is insufficient to condemn some internal portions of the trend.

GEOLOGY AND MINERALIZATION:

Mineralization at Dozer Hill is mainly confined to a series of Tertiary-aged tuffs and pyroclastic breccias in the hanging wall of the north-dipping low-angle South Ridge Fault.(see Figure 1) The ore is characterized by a crude stockwork of quartz, calcite, clay, pyrite and sulfo-salt-bearing veinlets cross-cutting variably bleached and altered tuffs. As currently defined, the deposit has a roughly tabular geometry which is 1800 to 2000 feet long, and averages 300 feet wide and 40 feet thick. As illustrated on the suite of 1"=50' sections which accompany this memo, the mineralized

Figure 1:

STRATIGRAPHIC COLUMN

DOZER HILL AREA
ROSEBUD PROJECT

CT Chocolate Tuff: Maroon and grey moderately welded fine-grained sanidine-bearing tuff, lithic tuff and volcanic breccia (CIC). Locally includes green glauconite-rich lapilli lithic tuff horizons especially near its base (C2C). Alteration typically consists of bleaching and moderate to strong argillization.

BUD Bud Breccia:

Upper Bud - Green to locally brown crudely bedded, poorly sorted lithic lapilli tuff to volcanic breccia. Variably glauconitic. Bleached when altered.

TMB - Grey to locally brown fine-grained porhyritic tuff marker bed. Contains 3-5% euhedral feldspar phenocrysts up to 3mm which are commonly replaced by clay or pyrite when altered.

Lower Bud - Usually green well bedded lithic lapilli tuff and epiclastic rocks with abundant green glauconite.

LBT Lower Bud Tuff: Red-brown (RBUR), tan, and grey lithic tuff and fine-grained to banded tuff. When mineralized, it is typically bleached and argillized with a distinctive flesh and/or pale green grey appearance.

~~~~~~~~~~~~~~~~~~~~~ South Ridge Fault ~~~~~~~~~~~~~~~~~~~~~~~~~~~

DT Dozer Tuff: Pale green to grey fine-grained densely welded tuff. Lacks visible phenocrysts. Bleached when altered.

TRANS Transitional Sediments: Locally occuring basal Tertiary sediments composed of thinly bedded grey to black siltstone and sandstone derived from Mesozoic basement rocks.

~~~~~~~~~~~~~~~~~~~~~ Unconformity ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

JTR Jurassic-Triassic Metasediments: Black carbonaceous phyllite and argillite with common metamorphic quartz sweats and local thin felsic dikes.

zone gently plunges at about 20 to 25 degrees from southwest to northeast along a N35E axis. At the southwestern end the top of significant grade is within 200 feet of the surface, and at the northeastern end it is about 900 feet deep.

The tabular geometry itself gradually changes from being largely concordant with the enclosing host rocks at the southwestern end (15-20 degrees SE apparent dip) to conforming to the dip of the controlling low-angle fault northeast of about Section 400N (25 degree NW apparent dip).

High angle mineralized structures are present especially in the hanging wall to the deposit, but these appear to be narrow and discontinuous in grade. Most of the gold-bearing structures in outcrop at Dozer Hill trend N25-45E and dip 65 to 85 degrees NW. Steeply dipping feeder structures are suspected below the deposit, but none have yet been recognized. The presence of east-west cross structures is suggested by grade-thickness contours, ground magnetics data and the anomalously thick ore intercept in RL-159C.

RESOURCE ESTIMATE:

A manually generated geologic resource estimate was made for the Dozer Hill deposit utilizing a suite of 1"=50′ scale cross-sections created in PCXPLOR. These sections are spaced at 100′ intervals and oriented N55W-S55E across the deposit trend. The average Au grade is plotted in oz/ton.

Intercept grade composites were computer generated by the ONE-D Optimizer routine and/or manually calculated. Nominal cut-offs of 0.02 and 0.05 opt Au were selected with a minimum drill width of 8′ and a nominal maximum internal waste of 10-15′. Cut grades were also calculated for blocks containing assays in excess of 1 opt Au (see Tables 1 & 2). Average silver grades have yet to be calculated.

Geologic contacts and ore blocks were drawn on drill sections and digitized into GEOMODEL. Although mineralization can occur within all units, the predominant host is the wedge of altered LBT situated between the South Ridge Fault and the bedded Bud.

Based on the geologic constraints, grade continuity, and drill spacing, two categories of "ore" were defined as follows:

1. Probable Ore: Blocks projected on section 100′ or 1/2 the distance from drill holes within favorable LBT host rock and/or along the projection of the South Ridge Fault. Isolated blocks in other rock types were generally given a 50′ area of influence. The grade applied is the weighted composite grade of the drill hole intercept in each block. In a few cases where two holes nearly overlap only one block was drawn and the average grade applied.

2. Possible Ore: Blocks projected up to 100' beyond probable blocks on section, or between sections where potential continuity exists between probable blocks on different sections. The grades applied to these projected blocks are either 75% of the grade of the projected probable block o n section or the average of probable grades in the adjacent blocks.

Tonnage factors were assigned to the various rock types based upon 21 bulk density measurements made by McClelland Laboratories on representative pieces of core. Ten samples of altered LBT, the main ore host, have tonnage factors which range from 13.8 to 15.6 cu.ft./ton and average 14.44 cu.ft./ton. Over 80% of the resource occurs in this material.

Polygon volumes, tonnage factors, tons, grades and ounces are listed in Tables 3 thru 6.

U/G MINEABLE RESERVES:

Although no formal attempt has been made to outline a true underground mineable reserve, a rough estimate was generated by eliminating nearly all of the possible blocks and the isolated or lower grade probable blocks from the high grade (0.05 opt Au cut-off) geologic resource. This excercise resulted in the following:

TONS	AU OPT (UNCUT)	OUNCES (UNCUT)	AU OPT (CUT)*	OUNCES (CUT)*
1,245,350	0.284	354,000	0.248	308,800

This total is comprised of 5 separate blocks based on apparent continuity and location. One of these blocks, which extends from Section 600N to 900N, contains over 50% of the total ounces in 28% of the tons (Tables 7 and 8).

DRILL HOLE DATABASE:

The Dozer Hill sub-surface database contains 136 drill holes and 2 adits extracted from the Rosebud Project database in PCXPLOR. Of this total, 49 holes are at least partially core and the remainder reverse circulation drill holes.

Assays:
All samples have been assayed for Au and Ag at GSI, Sparks, Nevada using their 1 Assay Ton Fire Assay/AA Finish method. Check assays on higher grade material have been gravimetric. Additional checks have been run on selected intervals by Bondar-Clegg, Vancouver, Barringer, Sparks, and American Assay Labs in Sparks.

Because of the variability in gold assays between pulps, and apparent differences between labs, each reported assay has been given equal weight and averaged.

Down-hole contamination in reverse circulation drill holes was identified early in the project when RL-5 was twinned by RL-40C. Because of this phenomenon, most of the main resource has been drilled with core and suspect RCD assays have been discounted or omitted. The majority of the diamond drilling was done using a UDR-650 Universal drill which drilled in RCD mode to depths of 300 to 465 feet and then cored using HQ tools through the target horizon to TD. Although drilling conditions and recoveries were generally excellent, a few holes had to be reduced to NX.

Surveys:
All drill hole collars have been surveyed by an RLS and entered with State Plane Coordinates and elevations in feet. Down-hole information for the 49 core holes has been acquired from Sperry-Sun single shot surveys, usually every 200 feet.

Based on down-hole surveys in nine of the angle RCD holes an average droop of 2 degrees per 100 feet was factored into the database for all other RCD holes. Unless the hole was actually surveyed, no drift was assumed.

Database Integrity:
All Rosebud drilling data has been managed using the PCXPLOR database manager. Since GSI-Sparks only recently got a bulletin board up and running, most data has been entered in the computer by hand. The database has been verified twice since inception of the project. At the end of the 1989 drilling season (through RL-56), the database was verified by visual inspection of hard copy lab, drilling and survey reports. This data was then backed up on disk and filed. At the end of 1990, the database was again verified; this verification was done on the computer utilizing Lotus spreadsheets of each hole. Both verified databases from 1989 and 1990 were then used to create an entirely new PCXPLOR database in 1991. This database has been used for all recent mineral inventory calculations and cross sections generated.

Table 1

Table 1:

ROSEBUD PROJECT - DOZER HILL RESOURCE (JANUARY 1991)
DRILL HOLE COMPOSITES - "PROBABLE"
LOW GRADE (0.02 OPT AU CUT-OFF)

SECTION	HOLE ID	FROM (FEET)	TO (FEET)	DRILL WIDTH	OPT AU (UNCUT)	OPT AU (CUT)
200S	RL33	135	145	10	0.061	
100S	N/D					
00	RL3	220	275	55	0.119	
	RL3	330	340	10	0.123	
	RL24	465	480	15	0.026	
	RL24	400	410	10	0.044	
	RL71C	267	328	61	0.119	
	RL129C	321.5	372	50.5	0.175	0.157
	RL160	155	200	45	0.029	
100N	RL4	205	220	15	0.058	
	RL23	375	405	30	0.054	
	RL23	465	490	25	0.030	
	RL25	295	345	50	0.070	
	RL25	445	475	30	0.024	
	RL52C	367	453	86	0.077	
	RL66	400	470	70	0.049	
200N	RL5	370	435	65	0.164	
	RL22	395	450	55	0.159	
	RL22	470	535	65	0.028	
	RL40C	430	466.5	36.5	0.082	
	RL72C	295	305	10	0.039	
300N	RL27	415	485	70	0.116	
	RL62	165	175	10	0.035	
	RL65	350	410	60	0.049	
	RL65	490	550	60	0.027	
	RL72C	542	550	8	0.070	
400N	RL6	465	485	20	0.020	
	RL127C	502	542	40	0.094	
500N	RL35	400	445	45	0.054	
	RL35	490	515	25	0.026	
	RL36	435	455	20	0.032	
	RL58	560	585	25	0.045	
	RL60	390	450	60	0.084	
	RL60	505	550	45	0.050	
600N	RL37	305	315	10	0.032	
	RL37	400	410	10	0.024	
	RL37	460	470	10	0.061	
	RL55C	290	310	20	0.036	
	RL55C	401	447	46	0.037	

Table 1:

ROSEBUD PROJECT - DOZER HILL RESOURCE (JANUARY 1991)
DRILL HOLE COMPOSITES - "PROBABLE"
LOW GRADE (0.02 OPT AU CUT-OFF)

SECTION	HOLE ID	FROM (FEET)	TO (FEET)	DRILL WIDTH	OPT AU (UNCUT)	OPT AU (CUT)
	RL55C	514	549	35	0.283	0.246
	RL125C	482	542	60	0.261	0.186
700N	RL53	405	470	65	0.037	
	RL125C	572	594	22	0.067	
800N	RL8	450	510	60	0.039	
	RL57	450	470	20	0.039	
	RL57	520	650	130	0.216	0.176
	RL88C	720	830	110	0.137	
	RL123C	442	462	20	0.023	
	RL123C	537	617	80	0.223	0.186
	RL130C	225	235	10	0.026	
	RL130C	452	462	10	0.120	
	RL130C	551.1	607	55.9	0.314	0.287
900N	RL67	570	580	10	0.048	
	RL67	615	640	25	0.022	
	RL67	750	760	10	0.024	
	RL82C	440	450	10	0.026	
	RL82C	644	685	41	0.422	0.282
	RL82C	758	812	54	0.087	
	RL159C	502	777	275	0.370	0.300
1000N	RL102C	811.5	920	108.5	0.079	
1100N	RL10	525	540	15	0.047	
	RL70C	635	650	15	0.029	
	RL70C	695	725	30	0.026	
	RL70C	855	865	10	0.053	
	RL90C	839	859.8	20.8	0.031	
1200N	KM3	15	25	10	0.085	
	RL17C	639	649.5	10.5	0.024	
	RL17C	740	795	55	0.047	
	RL61	385	410	25	0.030	
	RL61	705	770	65	0.032	
	RL107C	305	320	15	0.058	
	RL107C	410	420	10	0.093	
	RL163	355	365	10	0.036	
	RL163	555	565	10	0.044	
1300N	RL75C	305	315	10	0.126	
	RL75C	400	410	10	0.050	
	RL75C	505	520	15	0.024	
	RL75C	735	745	10	0.052	
	RL75C	775	820	45	0.076	

Table 1:

ROSEBUD PROJECT - DOZER HILL RESOURCE (JANUARY 1991)
DRILL HOLE COMPOSITES - "PROBABLE"
LOW GRADE (0.02 OPT AU CUT-OFF)

SECTION	HOLE ID	FROM (FEET)	TO (FEET)	DRILL WIDTH	OPT AU (UNCUT)	OPT AU (CUT)
	RL75C	880	892	12	0.127	
	RL75C	952	962	10	0.023	
1400N	RL99C	907	942	35	0.026	
	RL99C	965	980	15	0.032	
	RL99C	1009.8	1018	8.2	0.024	
	RL99C	1027	1042	15	0.021	
	RL99C	1052	1062	10	0.027	
	RL104C	522	537	15	0.036	
	RL131C	760	807	47	0.198	0.129
1500N	RL69A	670	680	10	0.093	
	RL69A	700	715	15	0.079	
	RL69A	775	960	185	0.052	
	RL93C	155	165	10	0.044	
	RL93C	920	1050	130	0.189	0.173
	RL97C	833	995	162	0.059	
	RL145C	420	430	10	0.030	
	RL145C	640	695	55	0.171	
1600N	KM4	530	540	10	0.135	
	RL89C	902	1097	195	0.148	0.140
	RL100C	887	1027	140	0.163	
	RL108C	972	1037	65	0.098	
	RL109C	595.5	606	10.5	0.059	
	RL109C	889	992	103	0.057	
	RL112C	1027	1069	42	0.061	
1700N	RL94C	915	975	60	0.061	
	RL94C	995	1010	15	0.044	
	RL94C	1045	1065	20	0.205	
	RL100C	1072	1082	10	0.048	
	RL106C	1162	1212	50	0.062	
	RL112C	85	95	10	0.025	
1800N	RL92C	1240	1270	30	0.042	
	RL98C	930	945	15	0.027	
	RL101C	997	1063.8	66.8	0.043	
1900N	N/A					
2000N	N/A					

Table 2

Table 2:

Truncate or Round ?

ROSEBUD PROJECT - DOZER HILL RESOURCE (JANUARY 1991)
DRILL HOLE COMPOSITES - "PROBABLE"
HIGH GRADE (0.05 OPT AU CUT-OFF)

SECTION	HOLE ID	FROM (FEET)	TO (FEET)	DRILL WIDTH	OPT AU (UNCUT)	OPT AU (CUT)
00	RL3	225	250	25	0.224	
	RL71C	272	314.5	42.5	0.156	
	RL129C	321.5	362	40.5	0.216	0.193
100N	RL23	390	405	15	0.084	
	RL25	325	340	15	0.149	
	RL52C	387	428	41	0.132	
	RL66	400	415	15	0.151	
200N	RL5	375	435	60	0.176	
	RL22	410	445	35	0.231	
	RL40C	439.5	463	23.5	0.105	
	RL72C	325	345	20	0.058	
300N	RL27	435	480	45	0.130	
	RL65	355	375	20	0.076	
400N	RL41C	416.5	483	66.5	0.233	0.205
	RL41C	563	573	10	0.308	
	RL127C	502	517	15	0.176	
500N	RL35	405	420	15	0.120	
	RL60	415	430	15	0.261	
600N	RL51	335	345	10	0.113	
	RL55C	290	300	10	0.057	
	RL55C - B	524	544	20	0.467 (15)	0.402
	RL125C - B	487	527	40	0.373 (37)	0.260 (2)
700N	RL125C - C ? 00	572	582	10	0.110 (1095)	
800N	RL57	550	585	35	0.714	0.568
	RL88C - C	745	775	30	0.305	
	RL88C - C	795	825.7	30.7	0.168	
	RL123C	542	572	30	0.558	0.496
	RL130C	572	607	35	0.508	0.448
900N	RL82C - B	644	682	38	0.453	0.302
	RL82C - C	798	807	9	0.364	
	RL159C - B	527	697	170	0.559	0.446
	RL159C - C	732	777	45	0.112	
1000N	RL102C	892	920	28	0.232	
1100N	N/A					
1200N	RL17C	765	790	25	0.075	

Table 2:

ROSEBUD PROJECT - DOZER HILL RESOURCE (JANUARY 1991)
DRILL HOLE COMPOSITES - "PROBABLE"
HIGH GRADE (0.05 OPT AU CUT-OFF)

SECTION	HOLE ID	FROM (FEET)	TO (FEET)	DRILL WIDTH	OPT AU (UNCUT)	OPT AU (CUT)
1300N	RL75C	775	785	10	0.218	
	RL75C	810	820	10	0.087	
1400N	RL104C	742	872	130	0.210	0.180
1500N	RL69A	775	845	70	0.082	
	RL69A	930	955	25	0.070	
	RL93C	945	1044	99	0.242	0.221
	RL97C	913	970	57	0.077	
	RL145	640	685	45	0.203	
1600N	RL89C	941	1092	151	0.181	0.172
	RL108C	992	1027	35	0.137	
	RL109C	967	988	21	0.162	
	RL112C	1032	1052	20	0.086	
1700N	RL94C	940	965	25	0.112	
	RL94C	1050	1060	10	0.367	
	RL100C	930.5	1027	96.5	0.215	
	RL106C	983	992	9	0.148	
	RL106C	1047	1067	20	0.085	
	RL106C	1187	1202	15	0.109	
1800N	RL92C	210	220	10	0.075	
	RL101C	1023	1044	21	0.064	
1900N	N/D					
2000N	RL96C	145	165	20	0.082	

Table 3

Table 3:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
200S	LBT	RL33	0.061	0.0693	199613.8	13833.2	843.8	PROB
0N	LBT	RL129	0.175	0.0693	394527.0	27340.7	4784.6	PROB
0N	DT	RL24	0.026	0.0740	129515.0	9584.1	249.2	PROB
0N	LBT	RL160	0.029	0.0693	633883.2	43928.1	1273.9	PROB
0N	LBT	RL71	0.119	0.0693	208673.5	14461.1	1720.9	PROB
0N	LBT	RL3	0.123	0.0693	73887.1	5120.4	629.8	PROB
0N	LBT	RL3	0.119	0.0693	275193.0	19070.9	2269.4	PROB
0N	LBT	RL129	0.175	0.0693	121433.6	8415.3	1472.7	PROB
0N	LBT	RL71	0.119	0.0693	93157.4	6455.8	768.2	PROB
0N	LBT	RL24	0.044	0.0693	166458.7	11535.6	507.6	PROB
0N	LBT	RL3	0.119	0.0693	52669.3	3650.0	434.3	PROB
0N	LBT	RL129	0.175	0.0693	13399.5	928.6	162.5	PROB
0N	LBT	RL71	0.119	0.0693	39565.6	2741.9	326.3	PROB
0N	LBT	RL3	0.119	0.0693	228521.4	15836.5	1884.5	PROB
100N	LBT	RL4	0.058	0.0693	293311.6	20326.5	1178.9	PROB
100N	LBT	RL23	0.030	0.0693	178164.3	12346.8	370.4	PROB
100N	LBT	RL25	0.070	0.0693	60222.8	4173.4	292.1	PROB
100N	LBT	RL52	0.077	0.0693	165721.4	11484.5	884.3	PROB
100N	LBT	RL23	0.054	0.0693	89077.9	6173.1	333.3	PROB
100N	LBT	RL52	0.077	0.0693	143963.4	9976.7	768.2	PROB
100N	LBT	RL25	0.070	0.0693	202855.5	14057.9	984.1	PROB
100N	LBT	RL66	0.049	0.0693	365234.5	25310.8	1240.2	PROB
100N	LBT	RL52	0.077	0.0693	72905.7	5052.4	389.0	PROB
100N	LBT	RL23	0.054	0.0693	8464.3	586.6	31.7	PROB
100N	LBT	RL23	0.054	0.0693	99657.7	6906.3	372.9	PROB
100N	LBT	RL25	0.024	0.0693	335047.5	23218.8	557.3	PROB
100N	LBT	RL66	0.049	0.0693	142962.6	9907.3	485.5	PROB
100N	LBT	RL66	0.049	0.0693	18595.6	1288.7	63.1	PROB
100N	LBT	RL25	0.070	0.0693	326766.6	22644.9	1585.1	PROB
200N	LBT	RL72	0.051	0.0693	53652.7	3718.1	189.6	PROB
200N	LBT	RL72	0.051	0.0693	53402.3	3700.8	188.7	PROB
200N	LBT	RL72	0.039	0.0693	99482.3	6894.1	268.9	PROB
200N	LBT	RL22	0.028	0.0693	221766.5	15368.4	430.3	PROB
200N	LBT	RL5-22	0.163	0.0693	347247.9	24064.3	3922.5	PROB
200N	LBT	RL40	0.082	0.0693	50459.5	3496.8	286.7	PROB
200N	LBT	RL40	0.082	0.0693	49299.0	3416.4	280.1	PROB
200N	LBT	RL5-22	0.163	0.0693	7874.6	545.7	89.0	PROB
200N	LBT	RL72	0.051	0.0693	248645.9	17231.2	878.8	PROB
200N	LBT	RL5-22	0.163	0.0693	10542.6	730.6	119.1	PROB
200N	LBT	RL40	0.082	0.0693	263928.0	18290.2	1499.8	PROB
200N	LBT	RL5-22	0.163	0.0693	89925.9	6231.9	1015.8	PROB
200N	BUD	RL1	0.030	0.0676	63497.5	4292.4	128.8	PROB
300N	LBT	RL65	0.049	0.0693	239477.1	16595.8	813.2	PROB
300N	BUD	RL62	0.034	0.0676	76531.3	5173.5	175.9	PROB
300N	LBT	RL27	0.116	0.0693	98492.5	6825.5	791.8	PROB
300N	LBT	RL27	0.116	0.0693	262728.8	18207.1	2112.0	PROB
300N	LBT	RL65	0.049	0.0693	84027.3	5823.1	285.3	PROB
300N	LBT	RL27	0.116	0.0693	568688.4	39410.1	4571.6	PROB

Table 3:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
300N	LBT	RL72	0.070	0.0693	60675.6	4204.8	294.3	PROB
300N	LBT	RL65	0.027	0.0693	405895.1	28128.5	759.5	PROB
300N	LBT	RL65	0.049	0.0693	268943.6	18637.8	913.3	PROB
300N	LBT	RL72	0.037	0.0693	22250.2	1541.9	57.1	PROB
400N	LBT	RL41	0.308	0.0693	113533.2	7867.9	2423.3	PROB
400N	BUD	RL6	0.020	0.0676	129932.0	8783.4	175.7	PROB
400N	LBT	RL127	0.094	0.0693	308227.6	21360.2	2007.9	PROB
400N	LBT	RL41	0.233	0.0693	741188.1	51364.3	11967.9	PROB
400N	LBT	RL127	0.094	0.0693	202428.0	14028.3	1318.7	PROB
500N	LBT	RL35-60	0.091	0.0693	305259.5	21154.5	1925.1	PROB
500N	LBT	RL35-60	0.091	0.0693	315826.5	21886.8	1991.7	PROB
500N	LBT	RL35	0.026	0.0693	273242.2	18935.7	492.3	PROB
500N	LBT	RL36	0.032	0.0693	386308.2	26771.2	856.7	PROB
500N	LBT	RL35-60	0.091	0.0693	277371.4	19221.8	1749.2	PROB
500N	LBT	RL58	0.045	0.0693	708260.4	49082.4	2208.7	PROB
500N	LBT	RL60	0.050	0.0693	463518.6	32121.8	1606.1	PROB
600N	LBT	RL51	0.113	0.0693	72750.4	5041.6	569.7	PROB
600N	LBT	RL55	0.283	0.0693	57152.6	3960.7	1120.9	PROB
600N	LBT	RL55	0.283	0.0693	177849.8	12325.0	3488.0	PROB
600N	LBT	RL55	0.283	0.0693	78833.5	5463.2	1546.1	PROB
600N	LBT	RL125	0.261	0.0693	427494.6	29625.4	7732.2	PROB
600N	CT	RL37	0.032	0.0740	92109.3	6816.1	218.1	PROB
600N	LBT	RL55	0.036	0.0693	130872.1	9069.4	326.5	PROB
600N	LBT	RL125	0.261	0.0693	220178.0	15258.3	3982.4	PROB
600N	LBT	RL55	0.037	0.0693	387577.7	26859.1	993.8	PROB
600N	LBT	RL125	0.261	0.0693	169216.0	11726.7	3060.7	PROB
600N	CT	RL37	0.061	0.0740	88028.1	6514.1	397.4	PROB
600N	CT	RL37	0.024	0.0740	96224.8	7120.6	170.9	PROB
700N	LBT	RL125	0.067	0.0693	186333.2	12912.9	865.2	PROB
700N	LBT	RL125	0.067	0.0693	162649.9	11271.6	755.2	PROB
700N	LBT	RL53	0.037	0.0693	775060.8	53711.7	1987.3	PROB
800N	LBT	RL123	0.223	0.0693	391398.3	27123.9	6048.6	PROB
800N	LBT	RL88	0.137	0.0693	296247.1	20529.9	2812.6	PROB
800N	LBT	RL123	0.023	0.0693	161980.7	11225.3	258.2	PROB
800N	LBT	RL88	0.137	0.0693	177576.2	12306.0	1685.9	PROB
800N	DT	RL8	0.039	0.0740	1103132.0	81631.8	3183.6	PROB
800N	LBT	RL57	0.216	0.0693	682708.6	47311.7	10219.3	PROB
800N	LBT	RL130	0.314	0.0693	134488.4	9320.0	2926.5	PROB
800N	LBT	RL130	0.120	0.0693	39611.8	2745.1	329.4	PROB
800N	LBT	RL123	0.223	0.0693	269487.7	18675.5	4164.6	PROB
800N	BUD	RL130	0.026	0.0676	73437.3	4967.7	129.2	PROB
800N	LBT	RL57	0.216	0.0693	320849.2	22234.8	4802.7	PROB
800N	LBT	RL130	0.314	0.0693	25173.0	1744.5	547.8	PROB
800N	LBT	RL130	0.314	0.0693	197329.9	13675.0	4293.9	PROB
800N	LBT	RL57	0.216	0.0693	395056.3	27377.4	5913.5	PROB
800N	LBT	RL88	0.137	0.0693	289444.1	20058.5	2748.0	PROB
800N	LBT	RL88	0.137	0.0693	48964.5	3393.2	464.9	PROB
800N	LBT	RL57	0.039	0.0693	236839.6	16413.0	640.1	PROB

Table 3:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
800N	LBT	RL123	0.223	0.0693	79678.9	5521.7	1231.3	PROB
800N	LBT	RL88	0.137	0.0693	243820.2	16896.7	2314.9	PROB
900N	BUD	RL67	0.048	0.0676	162998.6	11018.7	528.9	PROB
900N	LBT	RL82	0.087	0.0693	55221.4	3826.8	332.9	PROB
900N	LBT	RL82	0.087	0.0693	81339.5	5636.8	490.4	PROB
900N	LBT	RL159	0.370	0.0693	2284639.5	158325.5	58580.4	PROB
900N	BUD	RL67	0.022	0.0676	340441.6	23013.9	506.3	PROB
900N	LBT	RL159	0.370	0.0693	539118.4	37360.9	13823.5	PROB
900N	BUD	RL67	0.024	0.0676	173850.0	11752.3	282.1	PROB
900N	LBT	RL82	0.422	0.0693	436369.5	30240.4	12761.5	PROB
900N	LBT	RL159	0.370	0.0693	671328.4	46523.1	17213.5	PROB
900N	LBT	RL82	0.087	0.0693	407605.9	28247.1	2457.5	PROB
900N	LBT	RL82	0.026	0.0693	96877.0	6713.6	174.6	PROB
900N	LBT	RL159	0.370	0.0693	370234.5	25657.3	9493.2	PROB
900N	LBT	RL82	0.422	0.0693	56255.3	3898.5	1645.2	PROB
1000N	LBT	RL102	0.079	0.0693	401914.2	27852.7	2200.4	PROB
1000N	LBT	RL102	0.079	0.0693	1318305.8	91358.6	7217.3	PROB
1100N	LBT	RL90	0.031	0.0693	283916.5	19675.4	609.9	PROB
1100N	TMB	RL10	0.047	0.0752	149193.3	11219.3	527.3	PROB
1100N	LBT	RL70	0.053	0.0693	172571.7	11959.2	633.8	PROB
1100N	LBT	RL70	0.029	0.0693	254940.6	17667.4	512.4	PROB
1100N	LBT	RL70	0.026	0.0693	496326.2	34395.4	894.3	PROB
1200N	CT	RL163	0.036	0.0740	99203.1	7341.0	264.3	PROB
1200N	LBT	RL17	0.047	0.0693	231693.9	16056.4	754.7	PROB
1200N	CT	KM3	0.085	0.0740	49504.8	3663.4	311.4	PROB
1200N	CT	RL163	0.044	0.0740	205178.4	15183.2	668.1	PROB
1200N	LBT	RL107	0.093	0.0693	106001.1	7345.9	683.2	PROB
1200N	CT	RL61	0.031	0.0740	188080.4	13917.9	431.5	PROB
1200N	BUD	RL61	0.032	0.0676	1091487.6	73784.6	2361.1	PROB
1200N	LBT	RL107	0.058	0.0693	140208.4	9716.4	563.6	PROB
1200N	LBT	RL17	0.047	0.0693	226758.8	15714.4	738.6	PROB
1200N	LBT	RL17	0.047	0.0693	61008.0	4227.9	198.7	PROB
1200N	LBT	RL17	0.024	0.0693	77758.8	5388.7	129.3	PROB
1300N	LBT	RL75	0.052	0.0693	126480.2	8765.1	455.8	PROB
1300N	LBT	RL75	0.076	0.0693	126439.6	8762.3	665.9	PROB
1300N	LBT	RL75	0.024	0.0693	147867.4	10247.2	245.9	PROB
1300N	LBT	RL75	0.127	0.0693	153441.8	10633.5	1350.5	PROB
1300N	LBT	RL75	0.050	0.0693	100093.1	6936.5	346.8	PROB
1300N	LBT	RL75	0.076	0.0693	330672.4	22915.6	1741.6	PROB
1300N	LBT	RL75	0.076	0.0693	128024.8	8872.1	674.3	PROB
1300N	LBT	RL75	0.023	0.0693	137184.3	9506.9	218.7	PROB
1300N	LBT	RL75	0.126	0.0693	72875.3	5050.3	636.3	PROB
1400N	LBT	RL104	0.036	0.0693	144560.1	10018.0	360.6	PROB
1400N	LBT	RL99	0.021	0.0693	228965.3	15867.3	333.2	PROB
1400N	DT	RL131	0.198	0.0740	829065.4	61350.8	12147.5	PROB
1400N	LBT	RL99	0.032	0.0693	331717.8	22988.0	735.6	PROB
1400N	LBT	RL99	0.027	0.0693	213086.9	14766.9	398.7	PROB
1400N	LBT	RL104	0.210	0.0693	2295955.1	159109.7	33413.0	PROB

Table 3:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
1400N	LBT	RL99	0.026	0.0693	1012020.1	70133.0	1823.5	PROB
1400N	LBT	RL99	0.024	0.0693	184120.7	12759.6	306.2	PROB
1500N	BUD	RL69A	0.052	0.0676	1105466.2	74729.5	3885.9	PROB
1500N	DT	RL69A	0.052	0.0740	294097.9	21763.2	1131.7	PROB
1500N	CT	RL145	0.030	0.0740	94409.3	6986.3	209.6	PROB
1500N	BUD	RL69A	0.052	0.0676	236969.5	16019.1	833.0	PROB
1500N	LBT	RL93	0.189	0.0693	75952.4	5263.5	994.8	PROB
1500N	BUD	RL69A	0.085	0.0676	450571.7	30458.6	2589.0	PROB
1500N	DT	RL69A	0.052	0.0740	81905.4	6061.0	315.2	PROB
1500N	BUD	RL69A	0.052	0.0676	1091836.1	73808.1	3838.0	PROB
1500N	LBT	RL97	0.059	0.0693	1403442.1	97258.5	5738.3	PROB
1500N	LBT	RL93	0.044	0.0693	98828.9	6848.8	301.3	PROB
1500N	DT	RL145	0.171	0.0740	210507.8	15577.6	2663.8	PROB
1500N	LBT	RL97	0.059	0.0693	442702.7	30679.3	1810.1	PROB
1500N	LBT	RL93	0.189	0.0693	1114101.4	77207.2	14592.2	PROB
1500N	LBT	RL104	0.026	0.0693	1028365.5	71265.7	1852.9	PROB
1500N	LBT	RL93	0.189	0.0693	292774.8	20289.3	3834.7	PROB
1500N	LBT	RL97	0.059	0.0693	864133.3	59884.4	3533.2	PROB
1500N	DT	RL145	0.171	0.0740	852212.0	63063.7	10783.9	PROB
1600N	TMB	RL109	0.059	0.0752	95135.5	7154.2	422.1	PROB
1600N	LBT	108-112	0.083	0.0693	159721.9	11068.7	918.7	PROB
1600N	LBT	100-89	0.154	0.0693	58663.3	4065.4	626.1	PROB
1600N	BUD	KM4	0.134	0.0676	40126.1	2712.5	363.5	PROB
1600N	LBT	100-89	0.154	0.0693	1162631.8	80570.4	12407.8	PROB
1600N	LBT	108-112	0.083	0.0693	133854.5	9276.1	769.9	PROB
1600N	LBT	100-89	0.154	0.0693	119437.4	8277.0	1274.7	PROB
1600N	LBT	RL109	0.057	0.0693	436976.1	30282.4	1726.1	PROB
1600N	LBT	RL109	0.057	0.0693	566488.2	39257.6	2237.7	PROB
1600N	JTR	RL112	0.040	0.0893	97363.8	8694.6	347.8	PROB
1600N	LBT	100-89	0.154	0.0693	66273.2	4592.7	707.3	PROB
1600N	LBT	108-112	0.083	0.0693	340400.0	23589.7	1957.9	PROB
1600N	LBT	RL109	0.056	0.0693	106458.9	7377.6	413.1	PROB
1700N	DT	RL94	0.044	0.0740	247640.7	18325.4	806.3	PROB
1700N	TRANS	RL106	0.085	0.0658	308309.5	20286.8	1724.4	PROB
1700N	DT	RL94	0.205	0.0740	74726.2	5529.7	1133.6	PROB
1700N	LBT	RL106	0.147	0.0693	14050.0	973.7	143.1	PROB
1700N	LBT	RL106	0.147	0.0693	101878.1	7060.2	1037.8	PROB
1700N	BUD	RL94	0.061	0.0676	364340.8	24629.4	1502.4	PROB
1700N	DT	RL94	0.205	0.0740	180127.0	13329.4	2732.5	PROB
1700N	CT	RL112	0.025	0.0740	100925.1	7468.5	186.7	PROB
1700N	DT	RL94	0.205	0.0740	73411.9	5432.5	1113.7	PROB
1700N	LBT	RL106	0.147	0.0693	35667.1	2471.7	363.3	PROB
1700N	JTR	RL106	0.062	0.0893	116456.7	10399.6	644.8	PROB
1700N	JTR	RL106	0.062	0.0893	302278.2	26993.4	1673.6	PROB
1700N	JTR	RL106	0.062	0.0893	191777.4	17125.7	1061.8	PROB
1700N	LBT	RL106	0.147	0.0693	396986.8	27511.2	4044.1	PROB
1700N	DT	RL94	0.061	0.0740	152312.4	11271.1	687.5	PROB
1700N	DT	RL100	0.048	0.0740	230673.3	17069.8	819.4	PROB

Table 3:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
1700N	BUD	RL94	0.061	0.0676	378034.1	25556.5	1558.9	PROB
1700N	LBT	RL100	0.162	0.0693	1516671.4	105105.3	17027.1	PROB
1800N	TRANS	RL101	0.043	0.0658	149131.7	9812.9	422.0	PROB
1800N	CT	RL92	0.075	0.0740	106177.0	7857.1	589.3	PROB
1800N	DT	RL98	0.027	0.0740	330173.0	24432.8	659.7	PROB
1800N	TRANS	RL92	0.042	0.0658	325343.8	21407.6	899.1	PROB
1800N	JTR	RL101	0.043	0.0893	197360.2	17624.3	757.8	PROB
1800N	LBT	RL101	0.043	0.0693	256741.5	17792.2	765.1	PROB
2000N	CT	RL96	0.081	0.0740	119049.9	8809.7	713.6	PROB
			0.117			4,088,017	477,580	
100S	LBT	RL33-P	0.094	0.0693	364482.8	25258.7	2374.3	POSS
0N	LBT	RL160-3P	0.074	0.0693	50467.4	3497.4	258.8	POSS
0N	LBT	RL160-3P	0.074	0.0693	17678.5	1225.1	90.7	POSS
0N	LBT	RL160-3P	0.074	0.0693	52110.4	3611.3	267.2	POSS
100N	LBT	RL4-25-P	0.064	0.0693	59147.7	4098.9	262.3	POSS
100N	LBT	RL4-25-P	0.064	0.0693	20441.7	1416.6	90.7	POSS
100N	LBT	RL4-25-P	0.064	0.0693	46008.7	3188.4	204.1	POSS
200N	LBT	RL40-P	0.062	0.0693	70856.1	4910.3	304.4	POSS
200N	LBT	RL40-P	0.062	0.0693	17452.3	1209.4	75.0	POSS
200N	LBT	RL40-P	0.062	0.0693	3138.7	217.3	13.5	POSS
300N	LBT	RL72-P	0.037	0.0693	58637.5	4063.6	150.4	POSS
300N	LBT	RL27-62P	0.087	0.0693	132209.5	9162.1	797.1	POSS
300N	LBT	RL27-62P	0.087	0.0693	107584.4	7455.6	648.6	POSS
300N	LBT	RL72-P	0.037	0.0693	156878.3	10859.2	401.8	POSS
500N	LBT	RL58-36P	0.038	0.0693	58844.8	4077.9	155.0	POSS
600N	LBT	RL125-P	0.067	0.0693	101437.5	7029.6	471.0	POSS
600N	LBT	RL125-P	0.196	0.0693	65352.2	4528.9	887.7	POSS
600N	LBT	RL125-P	0.196	0.0693	54133.4	3751.4	735.3	POSS
600N	LBT	RL125-P	0.067	0.0693	148607.0	10298.5	690.0	POSS
600N	LBT	RL125-P	0.196	0.0693	13566.3	940.1	184.3	POSS
700N	LBT	RL57-P	0.249	0.0693	163264.3	11314.2	2817.2	POSS
700N	LBT	RL123-P	0.028	0.0693	94934.3	6578.9	184.2	POSS
700N	LBT	RL57-P	0.249	0.0693	650276.7	45064.2	11221.0	POSS
700N	LBT	RL123-P	0.182	0.0693	60812.6	4214.3	767.0	POSS
700N	LBT	RL123-P	0.182	0.0693	100992.7	6998.8	1273.8	POSS
900N	LBT	RL159-P	0.277	0.0693	250389.7	17352.0	4806.5	POSS
900N	LBT	RL159-P	0.277	0.0693	368979.6	25570.3	7083.0	POSS
900N	LBT	RL159-P	0.277	0.0693	963496.3	66770.3	18495.4	POSS
900N	LBT	RL159-P	0.277	0.0693	335157.3	23226.4	6433.7	POSS
1000N	LBT	RL102-P	0.059	0.0693	823492.7	57068.0	3367.0	POSS
1000N	LBT	RL102-P	0.059	0.0693	250750.9	17377.0	1025.2	POSS
1000N	LBT	RL159-P	0.293	0.0693	1232609.0	85419.8	25028.0	POSS
1400N	LBT	RL104-P	0.026	0.0693	2671483.3	185133.8	4813.5	POSS
1400N	LBT	104-99P	0.157	0.0693	364227.8	25241.0	3962.8	POSS
1400N	DT	RL145-P	0.151	0.0740	857115.1	63426.5	9577.4	POSS

Table 3:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
1500N	DT	131-145P	0.152	0.0740	432108.8	31976.1	4860.4	POSS
1500N	LBT	RL104-P	0.210	0.0693	1067270.8	73961.9	15532.0	POSS
1500N	DT	RL145-P	0.151	0.0740	421823.2	31214.9	4713.5	POSS
1600N	BUD	109-94P	0.127	0.0676	163102.7	11025.7	1400.3	POSS
1600N	TMB	RL94-P	0.084	0.0752	424611.1	31930.8	2682.2	POSS
1600N	DT	RL145-P	0.151	0.0740	855548.2	63310.6	9559.9	POSS
1700N	BUD	RL94-P	0.084	0.0676	238737.3	16138.6	1355.6	POSS
1700N	LBT	RL100-P	0.161	0.0693	560642.1	38852.5	6255.3	POSS
1700N	LBT	RL100-P	0.162	0.0693	480110.2	33271.6	5390.0	POSS
1800N	DT	101-98P	0.035	0.0740	264152.6	19547.3	684.2	POSS
POSSIBLE SUBTOTAL			0.147			1,102,786	162,351	
PROBABLE SUBTOTAL			0.117			4,088,017	477,580	
TOTAL			0.123			5,190,803	639,931	

Table 4

Table 4:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU, CUT TO 1.0 OPT
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
200S	LBT	RL33	0.061	0.0693	199613.8	13833.2	843.8	PROB
0N	LBT	RL129	0.157	0.0693	394527.0	27340.7	4292.5	PROB
0N	DT	RL24	0.026	0.0740	129515.0	9584.1	249.2	PROB
0N	LBT	RL160	0.029	0.0693	633883.2	43928.1	1273.9	PROB
0N	LBT	RL71	0.119	0.0693	208673.5	14461.1	1720.9	PROB
0N	LBT	RL3	0.123	0.0693	73887.1	5120.4	629.8	PROB
0N	LBT	RL3	0.119	0.0693	275193.0	19070.9	2269.4	PROB
0N	LBT	RL129	0.157	0.0693	121433.6	8415.3	1321.2	PROB
0N	LBT	RL71	0.119	0.0693	93157.4	6455.8	768.2	PROB
0N	LBT	RL24	0.044	0.0693	166458.7	11535.6	507.6	PROB
0N	LBT	RL3	0.119	0.0693	52669.3	3650.0	434.3	PROB
0N	LBT	RL129	0.157	0.0693	13399.5	928.6	145.8	PROB
0N	LBT	RL71	0.119	0.0693	39565.6	2741.9	326.3	PROB
0N	LBT	RL3	0.119	0.0693	228521.4	15836.5	1884.5	PROB
100N	LBT	RL4	0.058	0.0693	293311.6	20326.5	1178.9	PROB
100N	LBT	RL23	0.030	0.0693	178164.3	12346.8	370.4	PROB
100N	LBT	RL25	0.070	0.0693	60222.8	4173.4	292.1	PROB
100N	LBT	RL52	0.077	0.0693	165721.4	11484.5	884.3	PROB
100N	LBT	RL23	0.054	0.0693	89077.9	6173.1	333.3	PROB
100N	LBT	RL52	0.077	0.0693	143963.4	9976.7	768.2	PROB
100N	LBT	RL25	0.070	0.0693	202855.5	14057.9	984.1	PROB
100N	LBT	RL66	0.049	0.0693	365234.5	25310.8	1240.2	PROB
100N	LBT	RL52	0.077	0.0693	72905.7	5052.4	389.0	PROB
100N	LBT	RL23	0.054	0.0693	8464.3	586.6	31.7	PROB
100N	LBT	RL23	0.054	0.0693	99657.7	6906.3	372.9	PROB
100N	LBT	RL25	0.024	0.0693	335047.5	23218.8	557.3	PROB
100N	LBT	RL66	0.049	0.0693	142962.6	9907.3	485.5	PROB
100N	LBT	RL66	0.049	0.0693	18595.6	1288.7	63.1	PROB
100N	LBT	RL25	0.070	0.0693	326766.6	22644.9	1585.1	PROB
200N	LBT	RL72	0.051	0.0693	53652.7	3718.1	189.6	PROB
200N	LBT	RL72	0.051	0.0693	53402.3	3700.8	188.7	PROB
200N	LBT	RL72	0.039	0.0693	99482.3	6894.1	268.9	PROB
200N	LBT	RL22	0.028	0.0693	221766.5	15368.4	430.3	PROB
200N	LBT	RL5-22	0.163	0.0693	347247.9	24064.3	3922.5	PROB
200N	LBT	RL40	0.082	0.0693	50459.5	3496.8	286.7	PROB
200N	LBT	RL40	0.082	0.0693	49299.0	3416.4	280.1	PROB
200N	LBT	RL5-22	0.163	0.0693	7874.6	545.7	89.0	PROB
200N	LBT	RL72	0.051	0.0693	248645.9	17231.2	878.8	PROB
200N	LBT	RL5-22	0.163	0.0693	10542.6	730.6	119.1	PROB
200N	LBT	RL40	0.082	0.0693	263928.0	18290.2	1499.8	PROB
200N	LBT	RL5-22	0.163	0.0693	89925.9	6231.9	1015.8	PROB
200N	BUD	RL1	0.030	0.0676	63497.5	4292.4	128.8	PROB
300N	LBT	RL65	0.049	0.0693	239477.1	16595.8	813.2	PROB
300N	BUD	RL62	0.034	0.0676	76531.3	5173.5	175.9	PROB
300N	LBT	RL27	0.116	0.0693	98492.5	6825.5	791.8	PROB
300N	LBT	RL27	0.116	0.0693	262728.8	18207.1	2112.0	PROB
300N	LBT	RL65	0.049	0.0693	84027.3	5823.1	285.3	PROB

Table 4:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU, CUT TO 1.0 OPT
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
300N	LBT	RL27	0.116	0.0693	568688.4	39410.1	4571.6	PROB
300N	LBT	RL72	0.070	0.0693	60675.6	4204.8	294.3	PROB
300N	LBT	RL65	0.027	0.0693	405895.1	28128.5	759.5	PROB
300N	LBT	RL65	0.049	0.0693	268943.6	18637.8	913.3	PROB
300N	LBT	RL72	0.037	0.0693	22250.2	1541.9	57.1	PROB
400N	LBT	RL41	0.308	0.0693	113533.2	7867.9	2423.3	PROB
400N	BUD	RL6	0.020	0.0676	129932.0	8783.4	175.7	PROB
400N	LBT	RL127	0.094	0.0693	308227.6	21360.2	2007.9	PROB
400N	LBT	RL41	0.205	0.0693	741188.1	51364.3	10529.7	PROB
400N	LBT	RL127	0.094	0.0693	202428.0	14028.3	1318.7	PROB
500N	LBT	RL35-60	0.091	0.0693	305259.5	21154.5	1925.1	PROB
500N	LBT	RL35-60	0.091	0.0693	315826.5	21886.8	1991.7	PROB
500N	LBT	RL35	0.026	0.0693	273242.2	18935.7	492.3	PROB
500N	LBT	RL36	0.032	0.0693	386308.2	26771.2	856.7	PROB
500N	LBT	RL35-60	0.091	0.0693	277371.4	19221.8	1749.2	PROB
500N	LBT	RL58	0.045	0.0693	708260.4	49082.4	2208.7	PROB
500N	LBT	RL60	0.050	0.0693	463518.6	32121.8	1606.1	PROB
600N	LBT	RL51	0.113	0.0693	72750.4	5041.6	569.7	PROB
600N	LBT	RL55	0.246	0.0693	57152.6	3960.7	974.3	PROB
600N	LBT	RL55	0.246	0.0693	177849.8	12325.0	3031.9	PROB
600N	LBT	RL55	0.246	0.0693	78833.5	5463.2	1343.9	PROB
600N	LBT	RL125	0.186	0.0693	427494.6	29625.4	5510.3	PROB
600N	CT	RL37	0.032	0.0740	92109.3	6816.1	218.1	PROB
600N	LBT	RL55	0.036	0.0693	130872.1	9069.4	326.5	PROB
600N	LBT	RL125	0.186	0.0693	220178.0	15258.3	2838.1	PROB
600N	LBT	RL55	0.037	0.0693	387577.7	26859.1	993.8	PROB
600N	LBT	RL125	0.186	0.0693	169216.0	11726.7	2181.2	PROB
600N	CT	RL37	0.061	0.0740	88028.1	6514.1	397.4	PROB
600N	CT	RL37	0.024	0.0740	96224.8	7120.6	170.9	PROB
700N	LBT	RL125	0.067	0.0693	186333.2	12912.9	865.2	PROB
700N	LBT	RL125	0.067	0.0693	162649.9	11271.6	755.2	PROB
700N	LBT	RL53	0.037	0.0693	775060.8	53711.7	1987.3	PROB
800N	LBT	RL123	0.186	0.0693	391398.3	27123.9	5045.0	PROB
800N	LBT	RL88	0.137	0.0693	296247.1	20529.9	2812.6	PROB
800N	LBT	RL123	0.023	0.0693	161980.7	11225.3	258.2	PROB
800N	LBT	RL88	0.137	0.0693	177576.2	12306.0	1685.9	PROB
800N	DT	RL8	0.039	0.0740	1103132.0	81631.8	3183.6	PROB
800N	LBT	RL57	0.176	0.0693	682708.6	47311.7	8326.9	PROB
800N	LBT	RL130	0.287	0.0693	134488.4	9320.0	2674.9	PROB
800N	LBT	RL130	0.120	0.0693	39611.8	2745.1	329.4	PROB
800N	LBT	RL123	0.186	0.0693	269487.7	18675.5	3473.6	PROB
800N	BUD	RL130	0.026	0.0676	73437.3	4967.7	129.2	PROB
800N	LBT	RL57	0.176	0.0693	320849.2	22234.8	3913.3	PROB
800N	LBT	RL130	0.287	0.0693	25173.0	1744.5	500.7	PROB
800N	LBT	RL130	0.287	0.0693	197329.9	13675.0	3924.7	PROB
800N	LBT	RL57	0.176	0.0693	395056.3	27377.4	4818.4	PROB
800N	LBT	RL88	0.137	0.0693	289444.1	20058.5	2748.0	PROB

Table 4:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU, CUT TO 1.0 OPT
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
800N	LBT	RL88	0.137	0.0693	48964.5	3393.2	464.9	PROB
800N	LBT	RL57	0.039	0.0693	236839.6	16413.0	640.1	PROB
800N	LBT	RL123	0.186	0.0693	79678.9	5521.7	1027.0	PROB
800N	LBT	RL88	0.137	0.0693	243820.2	16896.7	2314.9	PROB
900N	BUD	RL67	0.048	0.0676	162998.6	11018.7	528.9	PROB
900N	LBT	RL82	0.079	0.0693	55221.4	3826.8	302.3	PROB
900N	LBT	RL82	0.079	0.0693	81339.5	5636.8	445.3	PROB
900N	LBT	RL159	0.300	0.0693	2284639.5	158325.5	47497.7	PROB
900N	BUD	RL67	0.022	0.0676	340441.6	23013.9	506.3	PROB
900N	LBT	RL159	0.300	0.0693	539118.4	37360.9	11208.3	PROB
900N	BUD	RL67	0.024	0.0676	173850.0	11752.3	282.1	PROB
900N	LBT	RL82	0.282	0.0693	436369.5	30240.4	8527.8	PROB
900N	LBT	RL159	0.300	0.0693	671328.4	46523.1	13956.9	PROB
900N	LBT	RL82	0.087	0.0693	407605.9	28247.1	2457.5	PROB
900N	LBT	RL82	0.026	0.0693	96877.0	6713.6	174.6	PROB
900N	LBT	RL159	0.300	0.0693	370234.5	25657.3	7697.2	PROB
900N	LBT	RL82	0.282	0.0693	56255.3	3898.5	1099.4	PROB
1000N	LBT	RL102	0.079	0.0693	401914.2	27852.7	2200.4	PROB
1000N	LBT	RL102	0.079	0.0693	1318305.8	91358.6	7217.3	PROB
1100N	LBT	RL90	0.031	0.0693	283916.5	19675.4	609.9	PROB
1100N	TMB	RL10	0.047	0.0752	149193.3	11219.3	527.3	PROB
1100N	LBT	RL70	0.053	0.0693	172571.7	11959.2	633.8	PROB
1100N	LBT	RL70	0.029	0.0693	254940.6	17667.4	512.4	PROB
1100N	LBT	RL70	0.026	0.0693	496326.2	34395.4	894.3	PROB
1200N	CT	RL163	0.036	0.0740	99203.1	7341.0	264.3	PROB
1200N	LBT	RL17	0.047	0.0693	231693.9	16056.4	754.7	PROB
1200N	CT	KM3	0.085	0.0740	49504.8	3663.4	311.4	PROB
1200N	CT	RL163	0.044	0.0740	205178.4	15183.2	668.1	PROB
1200N	LBT	RL107	0.093	0.0693	106001.1	7345.9	683.2	PROB
1200N	CT	RL61	0.031	0.0740	188080.4	13917.9	431.5	PROB
1200N	BUD	RL61	0.032	0.0676	1091487.6	73784.6	2361.1	PROB
1200N	LBT	RL107	0.058	0.0693	140208.4	9716.4	563.6	PROB
1200N	LBT	RL17	0.049	0.0693	226758.8	15714.4	770.0	PROB
1200N	LBT	RL17	0.049	0.0693	61008.0	4227.9	207.2	PROB
1200N	LBT	RL17	0.024	0.0693	77758.8	5388.7	129.3	PROB
1300N	LBT	RL75	0.052	0.0693	126480.2	8765.1	455.8	PROB
1300N	LBT	RL75	0.076	0.0693	126439.6	8762.3	665.9	PROB
1300N	LBT	RL75	0.024	0.0693	147867.4	10247.2	245.9	PROB
1300N	LBT	RL75	0.127	0.0693	153441.8	10633.5	1350.5	PROB
1300N	LBT	RL75	0.050	0.0693	100093.1	6936.5	346.8	PROB
1300N	LBT	RL75	0.076	0.0693	330672.4	22915.6	1741.6	PROB
1300N	LBT	RL75	0.076	0.0693	128024.8	8872.1	674.3	PROB
1300N	LBT	RL75	0.023	0.0693	137184.3	9506.9	218.7	PROB
1300N	LBT	RL75	0.126	0.0693	72875.3	5050.3	636.3	PROB
1400N	LBT	RL104	0.036	0.0693	144560.1	10018.0	360.6	PROB
1400N	LBT	RL99	0.021	0.0693	228965.3	15867.3	333.2	PROB
1400N	DT	RL131	0.129	0.0740	829065.4	61350.8	7914.3	PROB

Table 4:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU, CUT TO 1.0 OPT
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
1400N	LBT	RL99	0.032	0.0693	331717.8	22988.0	735.6	PROB
1400N	LBT	RL99	0.027	0.0693	213086.9	14766.9	398.7	PROB
1400N	LBT	RL104	0.180	0.0693	2295955.1	159109.7	28639.7	PROB
1400N	LBT	RL99	0.026	0.0693	1012020.1	70133.0	1823.5	PROB
1400N	LBT	RL99	0.024	0.0693	184120.7	12759.6	306.2	PROB
1500N	BUD	RL69A	0.052	0.0676	1105466.2	74729.5	3885.9	PROB
1500N	DT	RL69A	0.052	0.0740	294097.9	21763.2	1131.7	PROB
1500N	CT	RL145	0.030	0.0740	94409.3	6986.3	209.6	PROB
1500N	BUD	RL69A	0.052	0.0676	236969.5	16019.1	833.0	PROB
1500N	LBT	RL93	0.173	0.0693	75952.4	5263.5	910.6	PROB
1500N	BUD	RL69A	0.097	0.0676	450571.7	30458.6	2954.5	PROB
1500N	DT	RL69A	0.052	0.0740	81905.4	6061.0	315.2	PROB
1500N	BUD	RL69A	0.052	0.0676	1091836.1	73808.1	3838.0	PROB
1500N	LBT	RL97	0.059	0.0693	1403442.1	97258.5	5738.3	PROB
1500N	LBT	RL93	0.044	0.0693	98828.9	6848.8	301.3	PROB
1500N	DT	RL145	0.171	0.0740	210507.8	15577.6	2663.8	PROB
1500N	LBT	RL97	0.059	0.0693	442702.7	30679.3	1810.1	PROB
1500N	LBT	RL93	0.173	0.0693	1114101.4	77207.2	13356.9	PROB
1500N	LBT	RL104	0.026	0.0693	1028365.5	71265.7	1852.9	PROB
1500N	LBT	RL93	0.173	0.0693	292774.8	20289.3	3510.0	PROB
1500N	LBT	RL97	0.059	0.0693	864133.3	59884.4	3533.2	PROB
1500N	DT	RL145	0.171	0.0740	852212.0	63063.7	10783.9	PROB
1600N	TMB	RL109	0.060	0.0752	95135.5	7154.2	429.3	PROB
1600N	LBT	108-112	0.083	0.0693	159721.9	11068.7	918.7	PROB
1600N	LBT	100-89	0.149	0.0693	58663.3	4065.4	605.7	PROB
1600N	BUD	KM4	0.135	0.0676	40126.1	2712.5	366.2	PROB
1600N	LBT	100-89	0.149	0.0693	1162631.8	80570.4	12005.0	PROB
1600N	LBT	108-112	0.083	0.0693	133854.5	9276.1	769.9	PROB
1600N	LBT	100-89	0.154	0.0693	119437.4	8277.0	1274.7	PROB
1600N	LBT	RL109	0.056	0.0693	436976.1	30282.4	1695.8	PROB
1600N	LBT	RL109	0.056	0.0693	566488.2	39257.6	2198.4	PROB
1600N	JTR	RL112	0.040	0.0893	97363.8	8694.6	347.8	PROB
1600N	LBT	100-89	0.149	0.0693	66273.2	4592.7	684.3	PROB
1600N	LBT	108-112	0.083	0.0693	340400.0	23589.7	1957.9	PROB
1600N	LBT	RL109	0.056	0.0693	106458.9	7377.6	413.1	PROB
1700N	DT	RL94	0.044	0.0740	247640.7	18325.4	806.3	PROB
1700N	TRANS	RL106	0.085	0.0658	308309.5	20286.8	1724.4	PROB
1700N	DT	RL94	0.205	0.0740	74726.2	5529.7	1133.6	PROB
1700N	LBT	RL106	0.147	0.0693	14050.0	973.7	143.1	PROB
1700N	LBT	RL106	0.147	0.0693	101878.1	7060.2	1037.8	PROB
1700N	BUD	RL94	0.061	0.0676	364340.8	24629.4	1502.4	PROB
1700N	DT	RL94	0.205	0.0740	180127.0	13329.4	2732.5	PROB
1700N	CT	RL112	0.025	0.0740	100925.1	7468.5	186.7	PROB
1700N	DT	RL94	0.205	0.0740	73411.9	5432.5	1113.7	PROB
1700N	LBT	RL106	0.147	0.0693	35667.1	2471.7	363.3	PROB
1700N	JTR	RL106	0.062	0.0893	116456.7	10399.6	644.8	PROB
1700N	JTR	RL106	0.062	0.0893	302278.2	26993.4	1673.6	PROB

Table 4:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU, CUT TO 1.0 OPT
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
1700N	JTR	RL106	0.062	0.0893	191777.4	17125.7	1061.8	PROB
1700N	LBT	RL106	0.147	0.0693	396986.8	27511.2	4044.1	PROB
1700N	DT	RL94	0.061	0.0740	152312.4	11271.1	687.5	PROB
1700N	DT	RL100	0.048	0.0740	230673.3	17069.8	819.4	PROB
1700N	BUD	RL94	0.061	0.0676	378054.1	25556.5	1558.9	PROB
1700N	LBT	RL100	0.162	0.0693	1516671.4	105105.3	17027.1	PROB
1800N	TRANS	RL101	0.043	0.0658	149131.7	9812.9	422.0	PROB
1800N	CT	RL92	0.075	0.0740	106177.0	7857.1	589.3	PROB
1800N	DT	RL98	0.027	0.0740	330173.0	24432.8	659.7	PROB
1800N	TRANS	RL92	0.042	0.0658	325343.8	21407.6	899.1	PROB
1800N	JTR	RL101	0.043	0.0893	197360.2	17624.3	757.8	PROB
1800N	LBT	RL101	0.043	0.0693	256741.5	17792.2	765.1	PROB
2000N	CT	RL96	0.081	0.0740	119049.9	8809.7	713.6	PROB
			0.105			4,088,017	429,631	
100S	LBT	RL33-P	0.094	0.0693	364482.8	25258.7	2374.3	POSS
0N	LBT	RL160-3P	0.074	0.0693	50467.4	3497.4	258.8	POSS
0N	LBT	RL160-3P	0.074	0.0693	17678.5	1225.1	90.7	POSS
0N	LBT	RL160-3P	0.074	0.0693	52110.4	3611.3	267.2	POSS
100N	LBT	RL4-25-P	0.064	0.0693	59147.7	4098.9	262.3	POSS
100N	LBT	RL4-25-P	0.064	0.0693	20441.7	1416.6	90.7	POSS
100N	LBT	RL4-25-P	0.064	0.0693	46008.7	3188.4	204.1	POSS
200N	LBT	RL40-P	0.062	0.0693	70856.1	4910.3	304.4	POSS
200N	LBT	RL40-P	0.062	0.0693	17452.3	1209.4	75.0	POSS
200N	LBT	RL40-P	0.062	0.0693	3135.7	217.3	13.5	POSS
300N	LBT	RL72-P	0.037	0.0693	58637.5	4063.6	150.4	POSS
300N	LBT	RL27-62P	0.087	0.0693	132209.5	9162.1	797.1	POSS
300N	LBT	RL27-62P	0.087	0.0693	107584.4	7455.6	648.6	POSS
300N	LBT	RL72-P	0.037	0.0693	156698.3	10859.2	401.8	POSS
500N	LBT	RL58-36P	0.038	0.0693	58844.8	4077.9	155.0	POSS
600N	LBT	RL125-P	0.067	0.0693	101437.5	7029.6	471.0	POSS
600N	LBT	RL125-P	0.140	0.0693	65382.2	4528.9	634.0	POSS
600N	LBT	RL125-P	0.140	0.0693	54133.4	3751.4	525.2	POSS
600N	LBT	RL125-P	0.067	0.0693	148607.0	10298.5	690.0	POSS
600N	LBT	RL125-P	0.140	0.0693	13566.3	940.1	131.6	POSS
700N	LBT	RL57-P	0.202	0.0693	163264.3	11314.2	2285.5	POSS
700N	LBT	RL123-P	0.028	0.0693	94934.3	6578.9	184.2	POSS
700N	LBT	RL57-P	0.243	0.0693	650276.7	45064.2	10950.6	POSS
700N	LBT	RL123-P	0.182	0.0693	60812.6	4214.3	767.0	POSS
700N	LBT	RL123-P	0.182	0.0693	100992.7	6998.8	1273.8	POSS
900N	LBT	RL159-P	0.225	0.0693	250389.7	17352.0	3904.2	POSS
900N	LBT	RL159-P	0.225	0.0693	368979.6	25570.3	5753.3	POSS
900N	LBT	RL159-P	0.225	0.0693	963496.3	66770.3	15023.3	POSS
900N	LBT	RL159-P	0.225	0.0693	335157.3	23226.4	5225.9	POSS
1000N	LBT	RL102-P	0.059	0.0693	823492.7	57068.0	3367.0	POSS
1000N	LBT	RL102-P	0.059	0.0693	250750.9	17377.0	1025.2	POSS

Table 4:

DOZER HILL DEPOSIT - MINERAL INVENTORY
LOW GRADE - >.02 OPT AU, CUT TO 1.0 OPT
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
1000N	LBT	RL159-P	0.237	0.0693	1232609.0	85419.8	20244.5	POSS
1400N	LBT	RL104-P	0.026	0.0693	2671483.3	185133.8	4813.5	POSS
1400N	LBT	104-99P	0.135	0.0693	364227.8	25241.0	3407.5	POSS
1400N	DT	RL145-P	0.151	0.0740	857115.1	63426.5	9577.4	POSS
1500N	DT	131-145P	0.152	0.0740	432108.8	31976.1	4860.4	POSS
1500N	LBT	RL104-P	0.180	0.0693	1067270.8	73961.9	13313.1	POSS
1500N	DT	RL145-P	0.151	0.0740	421823.2	31214.9	4713.5	POSS
1600N	BUD	109-94P	0.127	0.0676	163102.7	11025.7	1400.3	POSS
1600N	TMB	RL94-P	0.084	0.0752	424611.1	31930.8	2682.2	POSS
1600N	DT	RL145-P	0.151	0.0740	855548.2	63310.6	9559.9	POSS
1700N	BUD	RL94-P	0.084	0.0676	238737.3	16138.6	1355.6	POSS
1700N	LBT	RL100-P	0.161	0.0693	560642.1	38852.5	6255.3	POSS
1700N	LBT	RL100-P	0.162	0.0693	480110.2	33271.6	5390.0	POSS
1800N	DT	101-98P	0.035	0.0740	264152.6	19547.3	684.2	POSS
POSSIBLE SUBTOTAL			0.133			1,102,786	146,563	
PROBABLE SUBTOTAL			0.105			4,088,017	429,631	
TOTAL			0.111			5,190,803	576,194	

Table 5

Table 5:

DOZER HILL DEPOSIT - MINERAL INVENTORY
HIGH GRADE - >.05 OPT AU
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
0N	LBT	RL3	0.224	0.0693	228521.4	15836.5	3547.4	PROB
0N	LBT	RL129	0.216	0.0693	394527.0	27340.7	5905.6	PROB
0N	LBT	RL71	0.156	0.0693	208673.5	14461.1	2255.9	PROB
100N	LBT	RL25	0.149	0.0693	202855.5	14057.9	2094.6	PROB
100N	LBT	RL66	0.151	0.0693	142962.6	9907.3	1496.0	PROB
100N	LBT	RL52	0.132	0.0693	165721.4	11484.5	1516.0	PROB
100N	LBT	RL23	0.084	0.0693	99657.7	6906.3	580.1	PROB
200N	LBT	RL40	0.105	0.0693	263928.0	18290.2	1920.5	PROB
200N	LBT	RL72	0.058	0.0693	248645.9	17231.2	999.4	PROB
200N	LBT	RL5-22	0.196	0.0693	347247.9	24064.3	4716.6	PROB
300N	LBT	RL65	0.076	0.0693	268943.6	18637.8	1416.5	PROB
300N	LBT	RL27	0.130	0.0693	568688.4	39410.1	5123.3	PROB
400N	LBT	RL41	0.308	0.0693	113533.2	7867.9	2423.3	PROB
400N	LBT	RL127	0.176	0.0693	202428.0	14028.3	2469.0	PROB
400N	LBT	RL41	0.233	0.0693	741188.1	51364.3	11967.9	PROB
500N	LBT	RL35-60	0.191	0.0693	315826.5	21886.8	4180.4	PROB
600N	LBT	RL55	0.467	0.0693	177849.8	12325.0	5755.8	PROB
600N	LBT	RL125	0.373	0.0693	427494.6	29625.4	11050.3	PROB
700N	LBT	RL125	0.110	0.0693	162649.9	11271.6	1239.9	PROB
800N	LBT	RL88	0.168	0.0693	289444.1	20058.5	3369.8	PROB
800N	LBT	RL88	0.305	0.0693	296247.1	20529.9	6261.6	PROB
800N	LBT	RL130	0.508	0.0693	197329.9	13675.0	6946.9	PROB
800N	LBT	RL123	0.558	0.0693	269487.7	18675.5	10420.9	PROB
800N	LBT	RL57	0.714	0.0693	395056.3	27377.4	19547.5	PROB
900N	LBT	RL159	0.559	0.0693	2284639.5	158325.5	88504.0	PROB
900N	LBT	RL82	0.453	0.0693	436369.5	30240.4	13698.9	PROB
900N	LBT	RL159	0.112	0.0693	671328.4	46523.1	5210.6	PROB
900N	LBT	RL82	0.364	0.0693	81339.5	5636.8	2051.8	PROB
1000N	LBT	RL102	0.232	0.0693	401914.2	27852.7	6461.8	PROB
1200N	LBT	RL17	0.075	0.0693	226758.8	15714.4	1178.6	PROB
1300N	LBT	RL75	0.218	0.0693	126439.6	8762.3	1910.2	PROB
1300N	LBT	RL75	0.087	0.0693	128024.8	8872.1	771.9	PROB
1400N	LBT	RL104	0.210	0.0693	2295955.1	159109.7	33413.0	PROB
1500N	LBT	RL93	0.242	0.0693	1114101.4	77207.2	18684.1	PROB
1500N	LBT	RL97	0.077	0.0693	864133.3	59884.4	4611.1	PROB
1500N	DT	RL145	0.202	0.0740	852212.0	63063.7	12738.9	PROB
1500N	BUD	RL69A	0.082	0.0676	1091836.1	73808.1	6052.3	PROB
1500N	DT	RL69A	0.070	0.0740	294097.9	21763.2	1523.4	PROB
1600N	LBT	100-89	0.172	0.0693	1162631.8	80570.4	13858.1	PROB
1600N	LBT	108-112	0.118	0.0693	340400.0	23589.7	2783.6	PROB
1600N	LBT	RL109	0.162	0.0693	436976.1	30282.4	4905.8	PROB
1700N	DT	RL94	0.367	0.0740	180127.0	13329.4	4891.9	PROB
1700N	TRANS	RL106	0.085	0.0658	290157.2	19092.3	1622.8	PROB
1700N	LBT	RL106	0.147	0.0693	396986.8	27511.2	4044.1	PROB
1700N	BUD	RL94	0.112	0.0676	378054.1	25556.5	2862.3	PROB
1700N	LBT	RL100	0.215	0.0693	1516671.4	105105.3	22597.6	PROB
1700N	JTR	RL106	0.109	0.0893	191777.4	17125.7	1866.7	PROB

Table 5:

DOZER HILL DEPOSIT - MINERAL INVENTORY
HIGH GRADE - >.05 OPT AU
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
1800N	TRANS	RL101	0.064	0.0658	149131.7	9812.9	628.0	PROB
1800N	CT	RL92	0.075	0.0740	106177.0	7857.1	589.3	PROB
2000N	CT	RL96	0.082	0.0740	119049.9	8809.7	722.4	PROB
			0.236			1,591,720	375,388	
0N	LBT	RL160-3P	0.127	0.0693	50467.4	3497.4	444.2	POSS
100N	LBT	RL4-25-P	0.104	0.0693	59147.7	4098.9	426.3	POSS
200N	LBT	RL40-P	0.079	0.0693	70856.1	4910.3	387.9	POSS
300N	LBT	RL27-62P	0.098	0.0693	107564.4	7455.6	730.6	POSS
300N	LBT	RL72-P	0.057	0.0693	156698.3	10859.2	619.0	POSS
600N	LBT	RL125-P	0.280	0.0693	65352.2	4528.9	1268.1	POSS
600N	LBT	RL125-P	0.110	0.0693	101437.5	7029.6	773.3	POSS
700N	LBT	RL123-P	0.379	0.0693	100992.7	6998.8	2652.5	POSS
700N	LBT	RL57-P	0.518	0.0693	650276.7	45064.2	23343.2	POSS
900N	LBT	RL159-P	0.419	0.0693	963496.3	66770.3	27976.8	POSS
900N	LBT	RL159-P	0.084	0.0693	368979.6	25570.3	2147.9	POSS
1000N	LBT	RL159-P	0.293	0.0693	1232609.0	85419.8	25028.0	POSS
1000N	LBT	RL102-P	0.174	0.0693	250750.9	17377.0	3023.6	POSS
1400N	DT	RL145-P	0.151	0.0740	857115.1	63426.5	9577.4	POSS
1400N	LBT	104-99P	0.157	0.0693	364227.8	25241.0	3962.8	POSS
1500N	LBT	RL104-P	0.210	0.0693	1067270.8	73961.9	15532.0	POSS
1500N	DT	RL145-P	0.151	0.0740	421823.2	31214.9	4713.5	POSS
1500N	DT	131-145P	0.152	0.0740	432108.8	31976.1	4860.4	POSS
1600N	TMB	RL94-P	0.084	0.0752	424611.1	31930.8	2682.2	POSS
1600N	BUD	109-94P	0.127	0.0676	163102.7	11025.7	1400.3	POSS
1600N	DT	RL145-P	0.151	0.0740	855548.2	63310.6	9559.9	POSS
1700N	LBT	RL112-P	0.161	0.0693	560642.1	38852.5	6255.3	POSS
1700N	BUD	RL94-P	0.084	0.0676	238737.3	16138.6	1355.6	POSS
POSSIBLE SUBTOTAL			0.220			676,659	148,721	POSS
PROBABLE SUBTOTAL			0.236			1,591,720	375,388	PROB
TOTAL			0.231			2,268,379	524,109	

Table 6

Table 6:

DOZER HILL DEPOSIT - MINERAL INVENTORY
HIGH GRADE - >.05 OPT AU, CUT TO 1.0 OPT
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
0N	LBT	RL3	0.224	0.0693	228521.4	15836.5	3547.4	PROB
0N	LBT	RL129	0.193	0.0693	394527.0	27340.7	5276.8	PROB
0N	LBT	RL71	0.156	0.0693	208673.5	14461.1	2255.9	PROB
100N	LBT	RL66	0.151	0.0693	142962.6	9907.3	1496.0	PROB
100N	LBT	RL52	0.132	0.0693	165721.4	11484.5	1516.0	PROB
100N	LBT	RL25	0.149	0.0693	202855.5	14057.9	2094.6	PROB
100N	LBT	RL23	0.084	0.0693	99657.7	6906.3	580.1	PROB
200N	LBT	RL40	0.105	0.0693	263928.0	18290.2	1920.5	PROB
200N	LBT	RL72	0.058	0.0693	248645.9	17231.2	999.4	PROB
200N	LBT	RL5-22	0.196	0.0693	347247.9	24064.3	4716.6	PROB
300N	LBT	RL65	0.076	0.0693	268943.6	18637.8	1416.5	PROB
300N	LBT	RL27	0.130	0.0693	568688.4	39410.1	5123.3	PROB
400N	LBT	RL41	0.308	0.0693	113533.2	7867.9	2423.3	PROB
400N	LBT	RL127	0.176	0.0693	202428.0	14028.3	2469.0	PROB
400N	LBT	RL41	0.205	0.0693	741188.1	51364.3	10529.7	PROB
500N	LBT	RL35-60	0.191	0.0693	315826.5	21886.8	4180.4	PROB
600N	LBT	RL55	0.402	0.0693	177849.8	12325.0	4954.6	PROB
600N	LBT	RL125	0.260	0.0693	427494.6	29625.4	7702.6	PROB
700N	LBT	RL125	0.110	0.0693	162649.9	11271.6	1239.9	PROB
800N	LBT	RL88	0.168	0.0693	289444.1	20058.5	3369.8	PROB
800N	LBT	RL88	0.305	0.0693	296247.1	20529.9	6261.6	PROB
800N	LBT	RL130	0.448	0.0693	197329.9	13675.0	6126.4	PROB
800N	LBT	RL123	0.496	0.0693	269487.7	18675.5	9263.0	PROB
800N	LBT	RL57	0.568	0.0693	395056.3	27377.4	15550.4	PROB
900N	LBT	RL159	0.446	0.0693	2284639.5	158325.5	70613.2	PROB
900N	LBT	RL82	0.302	0.0693	436369.5	30240.4	9132.6	PROB
900N	LBT	RL159	0.112	0.0693	671328.4	46523.1	5210.6	PROB
900N	LBT	RL82	0.364	0.0693	81339.5	5636.8	2051.8	PROB
1000N	LBT	RL102	0.232	0.0693	401914.2	27852.7	6461.8	PROB
1200N	LBT	RL17	0.075	0.0693	226758.8	15714.4	1178.6	PROB
1300N	LBT	RL75	0.087	0.0693	128024.8	8872.1	771.9	PROB
1300N	LBT	RL75	0.218	0.0693	126439.6	8762.3	1910.2	PROB
1400N	LBT	RL104	0.180	0.0693	2295955.1	159109.7	28639.7	PROB
1500N	LBT	RL97	0.077	0.0693	864133.3	59884.4	4611.1	PROB
1500N	BUD	RL69A	0.082	0.0676	1091836.1	73808.1	6052.3	PROB
1500N	DT	RL145	0.202	0.0740	852212.0	63063.7	12738.9	PROB
1500N	DT	RL69A	0.070	0.0740	294097.9	21763.2	1523.4	PROB
1500N	LBT	RL93	0.221	0.0693	1114101.4	77207.2	17062.8	PROB
1600N	LBT	108-112	0.118	0.0693	340400.0	23589.7	2783.6	PROB
1600N	LBT	RL109	0.162	0.0693	436976.1	30282.4	4905.8	PROB
1600N	LBT	100-89	0.167	0.0693	1162631.8	80570.4	13455.3	PROB
1700N	DT	RL94	0.367	0.0740	180127.0	13329.4	4891.9	PROB
1700N	TRANS	RL106	0.085	0.0658	290157.2	19092.3	1622.8	PROB
1700N	LBT	RL106	0.147	0.0693	396986.8	27511.2	4044.1	PROB
1700N	BUD	RL94	0.112	0.0676	378054.1	25556.5	2862.3	PROB
1700N	LBT	RL100	0.215	0.0693	1516671.4	105105.3	22597.6	PROB
1700N	JTR	RL106	0.109	0.0893	191777.4	17125.7	1866.7	PROB

Table 6:

DOZER HILL DEPOSIT - MINERAL INVENTORY
HIGH GRADE - >.05 OPT AU, CUT TO 1.0 OPT
JANUARY, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
1800N	TRANS	RL101	0.064	0.0658	149131.7	9812.9	628.0	PROB
1800N	CT	RL92	0.075	0.0740	106177.0	7857.1	589.3	PROB
2000N	CT	RL96	0.082	0.0740	119049.9	8809.7	722.4	PROB
			0.210			1,591,720	333,942	
0N	LBT	RL160-3P	0.127	0.0693	50467.4	3497.4	444.2	POSS
100N	LBT	RL4-25-P	0.104	0.0693	59147.7	4098.9	426.3	POSS
200N	LBT	RL40-P	0.079	0.0693	70856.1	4910.3	387.9	POSS
300N	LBT	RL72-P	0.057	0.0693	156698.3	10859.2	619.0	POSS
300N	LBT	RL27-62P	0.098	0.0693	107584.4	7455.6	730.6	POSS
600N	LBT	RL125-P	0.110	0.0693	101437.5	7029.6	773.3	POSS
600N	LBT	RL125-P	0.200	0.0693	65352.2	4528.9	905.8	POSS
700N	LBT	RL57-P	0.432	0.0693	650276.7	45064.2	19467.7	POSS
700N	LBT	RL123-P	0.379	0.0693	100992.7	6998.8	2652.5	POSS
900N	LBT	RL159-P	0.084	0.0693	368979.6	25570.3	2147.9	POSS
900N	LBT	RL159-P	0.334	0.0693	963496.3	66770.3	22301.3	POSS
1000N	LBT	RL102-P	0.174	0.0693	250750.9	17377.0	3023.6	POSS
1000N	LBT	RL159-P	0.237	0.0693	1232609.0	85419.8	20244.5	POSS
1400N	LBT	104-99P	0.135	0.0693	364227.8	25241.0	3407.5	POSS
1400N	DT	RL145-P	0.151	0.0740	857115.1	63426.5	9577.4	POSS
1500N	DT	131-145P	0.152	0.0740	432108.8	31976.1	4860.4	POSS
1500N	LBT	RL104-P	0.180	0.0693	1067270.8	73961.9	13313.1	POSS
1500N	DT	RL145-P	0.151	0.0740	421823.2	31214.9	4713.5	POSS
1600N	TMB	RL94-P	0.084	0.0752	424611.1	31930.8	2682.2	POSS
1600N	BUD	109-94P	0.127	0.0676	163102.7	11025.7	1400.3	POSS
1600N	DT	RL145-P	0.151	0.0740	855548.2	63310.6	9559.9	POSS
1700N	LBT	RL112-P	0.161	0.0693	560642.1	38852.5	6255.3	POSS
1700N	BUD	RL94-P	0.084	0.0676	238737.3	16138.6	1355.6	POSS
POSSIBLE SUBTOTAL			0.194			676,659	131,250	POSS
PROBABLE SUBTOTAL			0.210			1,591,720	333,942	PROB
TOTAL			0.205			2,268,379	465,192	

.03

Table 7

Table 7.

DOZER HILL DEPOSIT - U/G RESERVE (HDR,NHB)
HIGH GRADE - >.05 OPT AU
JANUARY 23, 1991

SXN	ROCK TYPE	HOLE #	GRADE	DENSITY	VOLUME	TONS	OUNCES	CATEGORY
0N	LBT	RL3	0.224	0.0693	228521.4	15836.5	3547.4	PROB
0N	LBT	RL129	0.216	0.0693	394527	27340.7	5905.6	PROB
0N	LBT	RL71	0.156	0.0693	208673.5	14461.1	2255.9	PROB
100N	LBT	RL25	0.149	0.0693	202855.5	14057.9	2094.6	PROB
100N	LBT	RL66	0.151	0.0693	142962.6	9907.3	1496.0	PROB
100N	LBT	RL52	0.132	0.0693	165721.4	11484.5	1516.0	PROB
100N	LBT	RL23	0.084	0.0693	99637.7	6906.3	580.1	PROB
200N	LBT	RL40	0.105	0.0693	263928	18290.2	1920.5	PROB
200N	LBT	RL5-22	0.196	0.0693	347247.9	24064.3	4716.6	PROB
300N	LBT	RL27	0.130	0.0693	568688.4	39410.1	5123.3	PROB
400N	LBT	RL127	0.176	0.0693	202428	14028.3	2469.0	PROB
400N	LBT	RL41	0.233	0.0693	741188.1	51364.3	11967.9	PROB
500N	LBT	RL35-60	0.191	0.0693	315826.5	21886.8	4180.4	PROB
600N	LBT	RL55	0.467	0.0693	177849.8	12325.0	5755.8	PROB
600N	LBT	RL125	0.373	0.0693	427494.6	29625.4	11050.3	PROB
800N	LBT	*RL88	0.305	0.0693	296247.1	20529.9	6261.6	PROB
800N	LBT	RL130	0.508	0.0693	197329.9	13675.0	6946.9	PROB
800N	LBT	RL123	0.558	0.0693	269487.7	18675.5	10420.9	PROB
800N	LBT	RL57	0.714	0.0693	395056.3	27377.4	19547.5	PROB
900N	LBT	RL159	0.559	0.0693	2284639.5	158325.5	88504.0	PROB
900N	LBT	RL82	0.453	0.0693	436368.5	30240.4	13698.9	PROB
900N	LBT	*RL159	0.112	0.0693	671328.4	46523.1	5210.6	PROB
900N	LBT	*RL82	0.364	0.0693	81339.5	5636.8	2051.8	PROB
1000N	LBT	*RL102	0.232	0.0693	401914.2	27852.7	6461.8	PROB
1400N	LBT	RL104	0.210	0.0693	2295955.1	159109.7	33413.0	PROB
1500N	LBT	RL93	0.242	0.0693	1114121.4	77207.2	18684.1	PROB
1600N	LBT	100-89	0.172	0.0693	1162631.8	80570.4	13858.1	PROB
1600N	LBT	108-112	0.118	0.0693	340400	23589.7	2783.6	PROB
1600N	LBT	RL109	0.162	0.0693	436976.1	30282.4	4905.8	PROB
1700N	LBT	RL106	0.147	0.0693	396986.8	27511.2	4044.1	PROB
1700N	BUD	RL94	0.112	0.0676	378054.1	25556.5	2862.3	PROB
1700N	LBT	RL100	0.215	0.0693	1516671.4	105105.3	22597.6	PROB
			0.275			1,188,757	326,832	
600N	LBT	RL125-P	0.280	0.0693	65352.2	4528.9	1268.1	POSS
700N	LBT	RL123-P	0.379	0.0693	100992.7	6998.8	2652.5	POSS
700N	LBT	RL57-P	0.518	0.0693	650278.7	45064.2	23343.2	POSS
POSSIBLE SUBTOTAL:			0.482			56,592	27,264	POSS
PROBABLE SUBTOTAL:			0.275			1,188,757	326,832	PROB
TOTAL:			0.284			1,245,349	354,096	

* LOWER LENS

Table 8

Table 8:

DOZER HILL DEPOSIT:
U/G MINEABLE RESERVES BY BLOCK & SECTION
JANUARY 24, 1991
(HDR)

Block	Section	Wide	Thick	Top	Slope Across	Slope Dip	Tons	Au Ounces	Au oz/t
A	000	345	22	5050	18		57,638	11,709	0.203
	100	340	18	4990	15	31	42,356	5,687	0.134
	200	210	32	4930	15	31	42,354	6,637	0.157
	300	140	40	4900	10	17	39,410	5,123	0.130
	400	260	40	4900	15	0	65,393	14,437	0.221
	500	210	15	4900	25	0	21,887	4,180	0.191
	600	251	28	4945	16	17	269,038	47,773	0.178
B	600	250	30	4700	25		46,479	18,092	0.389
	700	220	20	4740	25	-22	52,063	25,996	0.499
	800	290	33	4700	0	22	59,728	36,915	0.618
	900	260	100	4730	20	-17	194,203	104,254	0.537
	400	255	46	4718	18	-6	352,473	185,257	0.526
C	800	100	25	4600	30		20,530	6,262	0.305
	900	250	15	4550	20	27	46,523	5,211	0.112
	1000	160	25	4480	25	35	27,853	6,462	0.232
	300	170	22	4543	25	31	94,906	17,935	0.189
D	1400	200	120	4590	0		159,110	33,413	0.210
E	1500	120	100	4410	25		77,207	18,684	0.242
	1600	410	50	4500	25	-42	134,443	21,547	0.160
	1700	510	40	4580	25	-39	158,173	29,504	0.187
	400	310	78	4520	19	-40	369,823	69,735	0.189
TOTALS:							1,245,350	354,113	0.284

Open Pit Reserves

OND GOLD CORPORATION

00 South Ulster Street
ite 300
Denver, Colorado 80237

3 220-9727
3 220-7219 Facsimile
6-150 Telex

BOND GOLD CORPORATION

MEMORANDUM

TO: Craig Nelsen DATE: January 31, 1991

FROM: Bruce Davis Bruce Davis cc: Nate Brewer
Stanton Lee

SUBJ: Estimation of Open Pit Reserves
for Rosebud Prefeasibility

The spatial variability of the Rosebud mineralization was studied using a series of indicator variograms. These variograms were calculated from data composited over twenty-foot intervals down each hole. The variogram showed more spatial continuity along the strike direction (N35°E) and has continuity normal to the strike for the lowest cutoff (.005 oz/st). Variograms at higher cutoffs had considerably reduced ranges of influence and did not exhibit the marked anisotropy of the lowest cutoff variogram.

A mineral inventory was estimated by the process of indicator kriging. The following parameters and assumptions were used in this development:

- Mineralization is controlled by the dip of the lithologic units in the southern portion of the deposit and by the South Ridge fault along strike to the north.
- Blocks are 100'x 100'x 20.'
- The search ellipse has a major axis radius of 250' oriented N35°E. The semi-major axis radius is 150' oriented normal to strike and the minor axis radius is 30' in the vertical direction.
- A minimum of three composites inside the search ellipse are required to estimate a block.

The inventory generated was as follows:

Cutoff (oz/st)	Tons	Au (oz/st)	Ag (oz/st)
.018	7,346,700	.090	.407

A floating cone analysis applied to the indicator kriged model used the following parameters:

Tonnage factors:	13.5 ft^3/st - 14.8 st^3/st
Metallurgical recovery:	90%
Pit slope angle:	49 degrees
Mining cost:	$1.40/st
Process cost:	$13.00/st
G&A cost:	$3.00/st

These operating costs were used after consulting with Mike Brittan and Ron Haxby. Gold prices varied from $400 to $1000/oz.

Initial runs of the cone mined the high grade portion of the reserve centered at section 800N. These results were:

Ore Tons	Au (oz/st)	Ag (oz/st)	Strip Ratio
1,680,800	.147	.786	28.8:1

After consulting with Hans de Riuter in Kirkland Lake and Nate Brewer in Reno, it was decided that the central portion of the inventory would be better exploited from underground. Therefore, the inventory northeast of section 600N and below the 4700 elevation was eliminated from the computer model. The remaining inventory was 3,902,600 st with 0.060 oz/st Au and 0.318 oz/st Ag.

The cone was re-run on this inventory. At a gold price of $600 no mineable reserve was generated. It is anticipated with the data used that gold prices significantly in excess of this would be required to generate a reserve.

Without additional near surface mineralized intersections, it appears that if this resource is to be exploited, it will be best accomplished using underground mining.