

Red Bird
(CAFB)

(53° 12' SE) (93E 6 1/2) THIS PROPERTY
CONSISTS OF A LARGE GROUP OF
CLAIMS (121?) CENTRED ON A PARTLY
SEPARATED ^{MINOR} PEAK OF RED BIRD MTN WHICH

IS BETWEEN HAVEN LAKE & THE WEST END OF EUTSUK LAKE. THE
PROPERTY HAS ^{PREVIOUSLY} FORMERLY BEEN CALLED CAFB AFTER THE ORIGINAL
CLAIM GROUP AND INFORMALLY CALLED BONS LAKE & HAVEN LAKE.
IT IS HELD BY ^{ASITPORT} MESA MINES LTD. A WHOLY OWNED SUBSIDIARY
OF THE PHELPS DODGE CORPORATION OF CANADA; HEAD OFFICE
55 WINGS ST., TORONTO, PRESIDENT, MANAGER OF
WESTERN EXPLORATION JOHN DELEEN. A.J. SCHMIDT HAS BEEN GEOLOGIST
IN CHARGE OF EXPLORATION AT THE PROPERTY SINCE 1964.

CLAIMS HAVE ^{WERE} ~~BEEN~~ LOCATED ^{INTERMITTENTLY} ON MINOR COPPER SHOWINGS
ON RED BIRD MOUNTAIN SINCE ^{IN} THE LATE 1930S. PHELPS DODGE PROSPECTED
IN THE VICINITY IN 1958 & LOCATED MANY OF THE CLAIMS IN 1959.

THE FIRST DRILLING WAS IN 1963. BUT MOST WAS DONE IN
1965 & 1966. TO DATE ^{TOTAL DIAMOND DRILLING IS} ABOUT 46,000 FT. OF AX & AX ^{OF ALL TYPES}
OF DIAMOND DRILLING HAS BEEN. OF WHICH ABOUT 10000 WERE DRILLED
IN 1966. ^{WORK INCLUDED} IN ADDITION FROM 1960 TO 62 SURFACE TRENCHING
& GEOPHYSICAL SURVEYS. DRILLING STARTED IN 1963 & CONTINUED
EACH YEAR SINCE WITH 10 AX-WL HOLES, TOTALLING 11,060 FEET,
DRILLED IN 1966. ^{TO MA} TOTAL DRILLING TO DATE IS 45,299 FEET.
IN 61 HOLES.

THE MAIN ACCESS PREVIOUSLY HAS BEEN BY ~~THE~~ FLOAT PLANE ~~TO~~
HELICOPTER HAVEN LAKE ^{BY} HELICOPTER TO THE DRILL CAMP & SITES. IN
1966 AN 11 MILE ROAD WAS BUILT FROM AN AIRFIELD PREPARED
~~IN THE~~ OPEN COUNTRY NEAR ~~LATE~~ THE MOUTH OF BONS CREEK
ON PONDOSY BAY. TO HAVEN LAKE. AN ADDITIONAL 2 MILES
OF ROAD WAS BUILT TO A PORTAL

IN 1966 A 2500 FOOT LONG AIRSTRIP WAS BUILT IN OPEN COUNTRY
NEAR THE OUTLET OF BONS CREEK ON PONDOSY BAY & AN 11
MILE ROAD FROM ~~HERE~~ TO HAVEN LAKE. ~~FROM~~ AN ADDITIONAL
2 MILE ROAD CLIMBS FROM THE LAKE AT ABOUT 3400' TO ~~THE~~ A
PORTAL SITE AT ABOUT 5000' WHICH WAS CLEARED & FACED.

PROPERTY FILE

93E026.

Geology.

THE GEOLOGY OF THE AREA ^{OF BONE CREEK &} ~~ROUNDING~~ ^{ADJACENT & SLIGHTLY} HAVEN LAKE IS SHOWN IN FIGURE. THIS ^{ADJACENT & SLIGHTLY} ~~EMENDS~~ THE GEOLOGY SHOWN MAP. 1064A, WHITESAIL LAKE*. THE AREA IS MAINLY UNDERLAIN BY THE UPPER VOLCANIC DIVISION OF THE HAZELTON GROUP AS MAPPED BY DUFFELL*. ~~THESE ROCKS ARE~~ IN THE VICINITY OF HAVEN LAKE THESE ARE MOSTLY ~~VOLCANIC ELASTIC~~ CLASTIC ROCKS OF VOLCANIC ORIGIN, ~~WAS~~ TUFFS & VOLCANIC SANDSTONES. THE FRAGMENTS ARE DOMINATED BY FINELY PORPHYRIC ANDRESIDS BUT SCORACIOUS & MASSIVE BASALT, & WELOED RHYOLITE TUFF FRAGMENTS ARE PRESENT. A MILE WEST OF HAVEN LAKE THESE ROCKS ARE IN CONTACT WITH A METAMORPHIC COMPLEX. THE VALLEY OF BONE CREEK IS ERRODED FROM THE CORE OF AN ANTICLINE. THREE ^{SMALL} INTRUSIVE BODIES CUT THE HAZELTON GROUP. A RED GRANITE ON KEY MOUNTAIN, A GRANODIORITE TONGUE SIMILAR TO COAST RANGE ROCKS NORTH OF RED BIRD MOUNTAIN, & ^A ~~THE~~ QUARTZ MONZONITE PORPHYRY WEST OF RED BIRD MOUNTAIN. THE LATTER BODY IS THE HOST OF THE ~~PROBABLE SOURCE~~ RED BIRD MOLYBDENUM DEPOSIT. & IS THE SUBJECT OF REMAINING DISCUSSION.

THE RED BIRD PLUTON IS FAIRLY EQUANT SHAPED BODY THE MAIN MASS OF WHICH IS ABOUT 2500' EASTWEST BY 3500 FEET NORTH SOUTH

THE RED BIRD PLUTON IS AN ^{IRREGULAR ELLIPTICAL} ~~SUB-CIRCULAR~~ BODY WITH ^{CONNECTED} A PERIPHERAL SEMICIRCULAR DYKE ~~ARE~~ ~~AROUND~~ THE NORTHERN CIRCUMFERENCE. ^{STEEPLY} ON THE ~~SLOPING~~ SURFACE THE DIMENSIONS ~~ARE~~ ELLIPTICAL, ABOUT 2500' X 3500' FOR THE MAIN BODY. THE MAIN MASS IS ABOUT 2500' BY 3500' IN MAJOR & MINOR AXES. THE NORTHERN DIKE IS ABOUT 150 TO 500 FEET WIDE & IS SEPARATED BY A SCREEN OF HORNEPILLS SOME 800' WIDE. THE CONTACTS ARE IRREGULAR IN DETAIL & ^{SMALL} PERIPHERAL ~~ARE~~ ^{DYKES} ARE COMMON. & INTERLEAVING OF PERIPHERAL DYKES & HORNEPILLS SCREENS ARE NORMAL. RADIAL DYKES OCCUR IN LESSER DEGREE.

THE WALL ROCKS ARE ALMOST ENTIRELY PYROCLASTIC ROCKS THAT HAVE BEEN DEFORMED, METAMORPHOSSED & METASOMATIZED. NOT UNCOMMONLY WHERE ^{ORIGINAL} TEXTURES CAN BE OBSERVED ^{CLOSE TO THE CONTACT} IT IS EVIDENT THAT THE ~~ROCKS~~ HAVE BEEN FLATTENED OR ROLLED OUT ^{GIVING A FOLIATION} PARALLEL WITH THE CONTACT. AT A DISTANCE ^{FROM THE CONTACT} THE ROCKS SHOW THE GENTLE ~~NORTH~~ DIP ^{OF THE} PARALLEL TO THE REGIONAL NORTH LIMB OF THE BONE CREEK ANTICLINE.

THE PYROCLASTIC ROCKS ARE ALL THERMALLY METAMORPHOSSED TO BIOTITE GRADES. ^{& SOME SHOW INITIAL TRANSITION TO ACTINOLITE} BUT IN ADDITION MOST HAVE BEEN ^{IRON & SULPHUR} ALTERED METASOMATIZED BY ADDITION OF POTASH & SILICA. ~~THAT~~ ORTHOCLASE IS THE ^{OR CLASSED} ONLY FELDSPAR ^{MOST ROCKS ARE PYRITIC} & SOME ARE TRANSFORMED TO WHITE, ^{VAGUELY} SLIGHTLY BANDOY ROCKS COMPOSED OF A FINE MOSAIC OF QUARTZ WITH INTERSTITIAL ORTHOCLASE & MINOR MUSCOVITE & PYRITES. ~~MOST OF THE~~ ~~AUREOL IS~~ PYRITIC

THE BULK OF THE RED BIRD PLUTON IS FORMED OF ONE ROCK TYPE, A QUARTZ MONZONITE PORPHYRY THAT ~~IS~~ ^P MAY BE ^{LIGHT GREY &} ~~BE~~ ^{FRESH,} ~~ALTERED~~ ^{PINK} (ALTERED SLIGHTLY) BY ^{THE} GROWTH OF ORTHOCLASE POIKILOBLASTS, OR HIGHLY ALTERED AS DESCRIBED ~~BE~~ BELOW.

A MINOR PORTION ^{OF THE PLUTON} IS FORMED OF A DARK, ^{GREY} MONZONITE PORPHYRY THAT IS YOUNGER THAN THE QUARTZ MONZONITE PORPHYRY.

WITH THE EVIDENCE OF THE STRUCTURE OF THE CONTACT & OF THE PARTIAL RING-DYKE IN MIND IT AT LEAST SEEM POSSIBLE THAT NOT ALL THE QUARTZ MONZONITE PORPHYRY WAS INTRODUCED IN ONE PULSE

~~Microscopically the~~

THE MINERAL COMPOSITION OF THE ROCKS OF THE RED BED PLUTON IS SHOWN ON THE ACCOMPANYING TABLE. THE FRESH QUARTZ MONZONITE PORPHYRY IS ^{CHARACTERIZED BY} ~~COMPOSED OF~~ PROMINENT ONLY SLIGHTLY CORRODED QUARTZ ~~PHENOCRYST~~ CRYSTALS THAT CLOSELY APPROACH BEING SIX SIDED DOUBLE PYRAMIDS. ~~ARE UP TO 5MM IN SECTION~~. PLAGIOCLASE PHENOCRYSTS ARE HIGHLY ZONED WITH 3 TO 6 OSCILLATORY CYCLES OVER THE RANGE An_{35} TO An_{20} . COMPLEX JOINED ~~GRAN~~ CRYSTALS ~~AND~~ TWINS ARE COMMON ALTHOUGH CARLSBAD TWINNING IS ABSENT. SERICITIC ALTERATION MAY BE SLIGHT. ~~CRYSTALS RANGE FROM 5MM TO 0.2MM IN LONG DIMENSION~~. POTASSIUM FELDSPAR PHENOCRYSTS ARE ORTHOCLASE, ~~AND~~ MAY BE SLIGHTLY ^{THIS} POIKILITIC. QUARTZ ~~AND~~ FELDSPAR BIOTITE OCCURS IN PART IN FAIRLY EQUIDIMENSIONAL BOOKS. A FEW CRYSTALS OF APATITE OR SPHENE ARE BIG ENOUGH TO BE CALLED PHENOCRYSTS. ~~OPAQUE MINERALS, AND OTHER ILMENITE OR PYRITE~~. ^{ARE MINOR} QUARTZ ~~AND~~ FELDSPAR PHENOCRYSTS ~~ARE~~ RANGE FROM ~~0.2~~ TO 5MM. IN LONG DIMENSION; MATRIX ~~IS~~ RANGES FROM 0.01 TO 0.015MM. ~~AND~~ IS COMPOSED OF SUBEQUAL AMOUNTS OF QUARTZ ~~AND~~ FELDSPAR ONLY A SMALL PART OF WHICH IS ~~PLAGIOCLASE~~.

THE SLIGHTLY ALTERED Q.M. P. DIFFERS FROM THE ABOVE CHIEFLY IN CONTAINING A MUCH HIGHER PERCENTAGE OF ORTHOCLASE "PHENOCRYSTS" OF MUCH LARGER SIZE ~~AND~~ IN BEING PINK IN COLOUR. THE "PHENOCRYSTS" ARE POIKILITIC, MAY BE UP TO 15MM IN SECTION, ~~AND~~ ARE SHOWN TO BE PORPHYROBLASTS BY THE NATURE OF THE ENCLUSIONS. FOR EXAMPLE PLAGIOCLASE PHENOCRYSTS MAY BE SEEN ONLY PARTLY ENCLOSED ~~BY~~ ^{BY} ORTHOCLASE ~~AND~~ YET SHOW COMPLETE 6 CYCLE OSCILLATORY ZONING WHEREAS IN THE INTERIOR ~~OF~~ ADJACENT ^{IRREGULARLY ROUNDED} ~~FRAGMENTS~~ ^{OF ONE CRYSTAL} PLAGIOCLASE INCLUSIONS MAY BE SEEN TO BE PALIMPSEST REMNANTS BY ~~IRREGULAR~~ ^{IRREGULAR} ~~CUTTINGS~~ ^{IRREGULAR} ~~OUTLINE~~ IDENTICAL TWINNING. IN THESE ROCK ~~PLAGIOCLASE,~~ WHICH ORIGINALLY ~~WAS THE SAME AS IN THE UNALTERED PORPHYRY~~ IS MOST OF THE POTASSIUM FELDSPAR IS SLIGHTLY POIKILITIC. PLAGIOCLASE IS COMMONLY COMPLETELY ALTERED TO SERICITE, ~~OR~~ KAOLINITE, OR BOTH PLUS MINOR CALCITE. THE QUARTZ PHENOCRYSTS MAY BE RECRYSTALLIZED

THE ALTERATION (FROM ~~THE TWO~~) APPEARS TO GRADUATE ^{BETWEEN} ~~FROM~~ THE TWO TYPES DESCRIBED ALTHOUGH SOME CORE SHOWS SHARP ^{TRANSITIONS} ~~CONTACTS~~ THAT MAY ~~BE~~ ^{EXIST} ~~INDICATE~~ ^{WERE} ~~INTRUSION~~ OF EARLY PHASES THAT ~~ARE~~ ^{WERE} ALTERED ~~AND~~ THEN INTRODUCED

BY LATER UNALTERED PORPHYRY.

ALTERATION PROCEEDS BEYOND THE TYPE DESCRIBED ABOVE TO A ROCK THAT IS SCARCELY DIFFERENT THAN ^{SOME} METASOMATIZED WALL ROCKS, BE COMPOSED OF A MOSAIC OF FINE QUARTZ IN A MATRIX OF POTASSIUM FELDSPAR. IN SUCH CASES THE ROCKS ARE CROSS-CROSSED BY A STOCKWORK OF ~~FINE~~ QUARTZ VEINS. BETWEEN THE EXTREME ALTERATION AND THE SLIGHTLY ALTERED PORPHYRY IS A STAGE IN WHICH ^{FORMER} PLAGIOCLASE PHENOCRYSTS ARE RECOGNIZED AS RECTANGULAR CLOTS IN WHICH KAOLINITE IS PREDOMINANT, QUARTZ PHENOCRYSTS ARE STRAINED & RECRYSTALLIZED, POTASSIUM FELDSPAR IS PERTHITE, & BIOTITE IS ~~NOT~~ REPLACED IN PART BY CALCITE. THE MATRIX WILL HAVE BEEN RECRYSTALLIZED TO A COARSE MOSAIC ABOUT 0.075 MM. IN ^{AVERAGE} GRAIN SIZE.

THIS DARK MONZONITE PORPHYRY IS A SEPARATE ^{YOUNGER} PHASE. IT IS SEEN ^{AS} SLIGHTLY CHILLED SMALL DYKES ^{CROSS CUTTING} & AS LARGER MASSES. ITS RELATION TO MINERALIZATION TO MINERALIZATION IS NOT FULLY ESTABLISHED, IT IS HOWEVER CUT BY SOME QUARTZ PYRITE VEINS. ^{IT IS A QUARTZ} ~~IT IS A QUARTZ~~ ~~POOR ROCK~~ ^{IT IS MOST LIKELY RELATED TO THE} Q.M. PORPHYRY ^{BUT DIFFERS IN ITS COLOUR} ^{BY ITS} QUARTZ & MAFIC ^{& ITS TOTAL PERCENTAGE OF PHENOCRYSTS.} CONTENT. IT IS A GREY ROCK THAT CONTAINS SCATTERED HIGHLY CORRODED PHENOCRYSTS OF QUARTZ. THE MATRIX IS ALSO ~~FREE~~ NEARLY FREE OF QUARTZ. PLAGIOCLASE IS COMMONLY ALTERED TO SERICITE, KAOLINITE & CARBONATE. HORNBLANDS INVARIABLY ACCOMPANIES BIOTITE ~~& MAY BE MORE COMMON.~~ IN SUB EQUAL AMOUNTS (2-3%). THE GRAINE MINERALS ARE CHIEFLY PYRITE; ~~SPHENE~~ & APATITE ARE COMMON ACCESSORIES. ~~MATERIAL IN CARBONATE~~ ^{RELATIVELY} IN COARSE GRAINED SPECIMENS PHENOCRYSTS MAY BE AS LARGE AS 4. MM. ~~THE LONG DI~~ DIAMETER & THE MATRIX ^{AVERAGE} ABOUT 0.05 MM. ~~THE MATRIX IN~~ SUCH SPECIMENS THE ^A MATRIX IS COMPOSED ~~OF~~ ~~THESE~~ ~~OF~~ LARGELY OF ANTI-PERTHITE, ~~ORTHOC~~ PLAGIOCLASE & MINOR BIOTITE.

MINERALIZATION,

ECONOMIC MINERAL

THE RED BIRD PLUTON IS HOST TO A PERIPHERAL CONCENTRIC ZONE OF MOLYBDENUM MINERALIZATION THAT IS CHIEFLY CONTAINED WITHIN THE MAIN MASS OF THE PLUTON BUT EXTENDS A VARIABLE AMOUNT INTO THE WALLS. MUCH OF THE PLUTON IS FRACTURED & CUT ~~BY~~ BY THE MARGINS OF THE PLUTON ^{HAVE BEEN} HIGHLY FRACTURED & CUT BY A STOCKWORK OF IN VARYING DEGREE THE PLUTON HAS BEEN FRACTURED & CUT BY A STOCKWORK OF QUARTZ VEINLETS. THIS IS CHIEFLY ^{PARTICULARLY} NEAR THE CONTACT WHERE THE ^{VEINING,} INTENSITY OF VEINING ALTERATION, ^{ARE INTENSE &} MINERALIZATION IS HIGHEST GRADE. ~~THE~~ PREFERRED FRACTURE DIRECTIONS IN THE STOCKWORK ARE IN DECREASING ORDER, N40° EAST, ~~OR~~; NORTH 20° WEST & NORTH SOUTH, ALL WITH NEAR VERTICAL DIPS. THE INTENSITY OF VEINING DECREASES SHARPLY BEYOND THE PLUTON BUT ^{IN SOME OF THESE} ~~SOME~~ VEINING OCCUR. ~~FOR~~ FOR SEVERAL THOUSAND FEET. A PYRITIC ~~AUREOLE~~ ^{HAZARD} EXTENDS FOR 1/2 TO ONE MILE BEYOND THE PLUTON. COLOURING THE WEATHERED ROCKS IN A CHARACTERISTIC GOSSAN.

QUARTZ VEINING ^{OF M} THE SEQUENCE OF ^{VEINING &} MINERALIZATION ~~WAS~~ WAS COMPLICATED. BEYOND THE ORE ZONE MOST VEINS ARE BARRON QUARTZ ~~WITH~~ WITH SOME SCATTERED PYRITES. A FEW CONTAIN TRACES OF MOLYBDENITE ^{OTHERS GALENA, SPHALERITE & PYRITIC.} OR FLUORITE & CALCITE. ^{THESE TYPES APPEAR TO BE SUCCESSIVELY YOUNGER.} IN THE ORE ZONE A BARRON STAGE OF QUARTZ VEINING ^{PRE-DATES} ~~THE~~ ANTICIPATES MINERALIZED VEINS & ~~COMMONLY~~ THREE STAGES OF BARRON VEIN MAY BE RECOGNIZABLE. AS MANY STAGES OF ~~THE~~ QUARTZ MOLY ^{VEINING} VEINS ARE LIKELY BUT TWO TYPES OCCUR, BANDED VEINS & DRUSY VEINS. ~~THE~~ THESE MAY BE PARALLEL IN MAJOR VEINS. IN GENERAL DRUSY VEINS SEEM YOUNGEST. BOTH DRUSY & BANDED VEINS MAY ~~BE~~ BE CUT BY LATE ^{BARRON} QUARTZ ~~WITH~~ WITH MINOR PYRITES. POTASSIUM FELDSPAR FORMS UP TO 10% OF MANY VEINS. BANDED VEINS APPEAR TO HAVE BEEN REPEATEDLY ~~OPEN~~ ^{OPENED} & MINERALIZED. IN THE SMALLEST VEINLETS LAMINAR ~~AND~~ CONTAINING ~~THE~~ PLATELETS OF MOLYBDENITE ARE COMMONEST AT THE MARGINS OR CENTRE. DRY FRACTURES COATED WITH MOLYBDENITE & PYRITIC ARE ONLY COMMON IN THE HORNfels WALL ROCKS.

IN THE RED BIRD DEPOSIT OXIDATION HAS BEEN DEEP & ON THE SURFACE ^{MUCH} ~~MUCH~~ BYRITIC HAS BEEN LEACHED & MOLYBDENITE CHANGED TO FERRI-MOLYBDATE. IN ~~MOST~~ SURFACE VEINS THE LATER HAS BEEN PUSHED

OUT SO THAT THE VEINS LOOK BARREN. ONLY IN VEINS EXPOSED IN THE MAJOR, RAPIDLY ERODING CREEKS IS MUCH ~~PERIMOLYBDATE~~ OR MOLYBDATE SEEN EVEN OVER THE ORE ZONES.

THE ~~ORE ZONES~~ ^{MINERALIZATION} EXTEND AROUND THE WHOLE PERIPHERY OF THE PLUTON BUT ONLY A ~~PORTION~~ THE NORTHERN HALF APPEARS OF ECONOMIC GRADE. THIS IS SURROUNDED BY AN ^{MUCH LARGER} ENVELOPE OF SUB-ECONOMIC GRADE. NO FIGURES ON GRADE OR TONNAGE[^] HAVE BEEN RELEASED BY THE COMPANY. THE PROJECTED UNDERGROUND PROGRAM IS TO TEST GRADES ESTABLISHED BY DRILLING PRIOR TO THE COMPLETION OF A FEASIBILITY REPORT.

[Rep. Ann. Rpt.
1960. p. 14
1962 p. 17
1963 p. 29.
1964 pp. 57-58
1965 p. 83

MINERAL COMPOSITION, REOBIRD PLUTON.

	PHENOCRYSTS					TOTAL				AVERAGE OF
	QUARTZ	PLAGIOCLASE	ORTHOCLASE	BIOTITE	OTHER	QUARTZ	PLAGIOCLASE	ORTHOCLASE	MAFIC	
QUARTZ MONZONITE PORPHYRY, FRESH.	11.8	31.2	5.0	3.5	0.5	34.7	36.5	26.0	4.5	6.
WITH ORTHOCLASE PORPHYROBLASTS.	11.7	17.3	20.0	3.0		31.0	19.0	44.0	6	3
MONZONITE PORPHYRY	1.3	16	?	2.3	1.7	1.	55	34	10	3 *

* ONLY DNE COARSE ENOUGH TO COUNT MATRIX.

40
10
1600
1000
31.6 M. Sp.

180
32
212
130
26
156

① Q M. Por.

Reference

TOTAL

	Q	PC	KP	B1	O	Q	PC	KP	MATIC	
99	18	19	7	5	1/2	43	24	27	6	AN 30±
116	15	30	2	3	1/2	40	35	22	3	
115D	5	45	5	5	1/2	25	45	25	5	
113 N Por.	15	42	1	2	1/2	32	42	24	2	AN 25±
112	11	25	10	3	1/2	36	25	35	4	AN 20±
106	7	30	5	3	1/2	32	38	23	7	
105	10	17	20	3		30	22	45	3	AN 20±
103	10	15	20	5		28	45	47	10	
104A	15	20	20	1		35	20	40	5	
ALF	35	52				93	57	132	18	
AV/3	11.7	17.3	20	3		31	19	44	6	
FRESH	71	191	30	21	3/2	208	219	166	27	
AV/6	11.8	31.2	5	3.5	0.6	34.7	36.5	26.7	4.5	167 2634.7 17 6215 1015

② More Por.

Hr.

117	1	15	?	2	2	1	55	34	10	
118?										
145	2	10	?	3						
101	1	23	?	2	3					
113	1-2	10-23	?	2-3	2-3	1-2	55±	34	10±	

POST MIN.
MOLYBEN'S COP.
CA 115

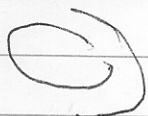
③ BR. P. INC.

15 30 35 5 57 3

④ GRD.

25 45 15 15

24 x 40



CONCENTRIC