

993

GEOPHYSICAL REPORT

MAGNETOMETER SURVEY COVERING

Jeep 1 to 10, Dan 1 to 4, Alf 1 to 6, And
Kimberly, Last Chance, Charlotte, Morning
Star, Keystone and Stemwinder Claims

Kamloops Area, B.C.

50°, 120° N.E.

Performed July and August, 1966

for

KIMBERLY COPPER MINES LTD., N.P.L.

by

L. G. Phelan, M.A.Sc., P.Eng.
Consulting Geologist

Toronto, Ontario
28 October, 1966

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- # 1 Plan of Magnetometer Survey attached in envelope
- # 2 Claim Map

REPORT ON
A MAGNETOMETER SURVEY OF
THE KAMLOOPS PROPERTY
PERFORMED FOR
KIMBERLY COPPER MINES LIMITED

Kimberly Copper Mines Limited holds under option a group of claims in the Kamloops area of British Columbia. During the summer of 1966, a magnetometer survey was carried out over this property under the writer's supervision. The following is a resume of observations.

PROPERTY

The property comprises approximately 1,000 acres. It includes six crown-granted claims - Kimberly, Last Chance, Charlotte, Morning Star, Keystone and Stemwinder - and twenty claims of record - Jeep 1 to 10 inclusive, Dan 1 to 4 inclusive, and Alf 1 to 6 inclusive. The ground is situated three to four miles south of Kamloops and is accessible from there by dirt road from the Kamloops - Merritt Highway.

GEOLOGY

The Iron Mask batholith, an elongate series of syenite, monzonite, diorite and gabbroic rocks of Mesozoic age, intrudes Triassic Nicola Group basic volcanics and sediments.

Geological mapping of the property indicates the Kimberly ground is underlain in large part by the Iron Mask intrusives, consisting principally of diorite and gabbro, but with a central core of monzonite. The contact of these intrusives with Nicola volcanics trends diagonally across the northerly part of the group while a small area of Tertiary volcanics is found in the extreme north, just off the property.

Copper mineralization, principally as disseminated chalcopyrite in fracture zones in the intrusives, is widespread throughout the area and several occurrences are known within the property, particularly on the crown-granted Kimberly et al group.

WORK DONE

A 400 foot line grid was cut over the entire property. Stations were chained at 100 foot interval on all lines. Total length of line cut was 30 miles.

Using this line grid for control a magnetometer survey was carried out, with readings taken at all stations and at intermediate points where better definition was required. Instrument used was a Sharpe M.F.I. fluxgate type magnetometer with sensitivity of 20 gammas per scale division.

Results, corrected for diurnal variation, are plotted and contoured on the accompanying one inch to 200 foot plan.

DISCUSSION OF RESULTS

Magnetic relief is great; variations of 8,000 gammas were noted. In general results reflect quite closely the known geology. The Nicola volcanics appear as a magnetic low area (-1,000 gammas) with a higher area around the intrusive contact indicating the dip of the intrusive beneath the volcanics.

The area occupied by the intrusive diorite and gabbro appears as a moderate high (2,000 gammas +) with an intermediate area (1,000 - 2,000 gammas) conforming with the monzonite intrusive.

Within the diorite-gabbro area there are several irregular and extreme highs (3,000 to 8,000 gammas). These occur in three zones - in an overburdened area in the southwest corner of the property along the intrusive volcanic contact, along the east side of the monzonite differentiate, and along the diorite-volcanic contact.

Such variations could be, and probably are at least in part, caused merely by variations in the composition and magnetite content of the gabbro. However no such variations were noted in the geological mapping. On the other hand magnetite is a common accessory mineral in the alteration that accompanies the copper mineralization of the area; two of the highs near the east boundary coincide roughly with known copper mineralization; the broad high in the southwest corner of the property is in an overburdened area, but coincides fairly well with a broad geochemical high in the same area; elsewhere on the property there are several instances where magnetic highs coincide with some known copper occurrence and/or geochemical anomaly. It is considered probable that at least some of the various magnetic highs are caused by magnetite mineralization directly associated with copper deposition.

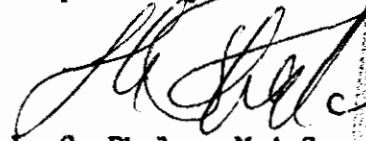
CONCLUSIONS AND RECOMMENDATIONS

The magnetic results show a close relationship to known geology and are of assistance in outlining the various rock types. There is also good evidence to suggest the magnetic highs are related to copper mineralization hence should be investigated more closely.

In order to outline drilling targets more exactly, induced polarization surveys are recommended over selected portions of the ground, to be followed first by a limited amount of core drilling, then by broad scale sampling by percussion drill, if and where warranted.

About four miles of I.P. line have been laid out, to be followed by detailing where warranted. Cost is expected to be \$2,000 to \$3,000. The quantity of drilling to be done will be determined by results obtained.

Respectfully submitted,



L. G. Phelan, M.A.Sc., P.
Consulting Geologist



Expiry Date: Jan. 25, 1968

Toronto, Ontario
28 October, 1966

GRANITE & TOY LIMITED
TORONTO, ONTARIO

ADDENDUM:

The survey also covered an area between the Jeep and Crown
Granted claims, since staked on behalf of Kimberly as Kim 1 to 5 claims
and shown on the accompanying plan.

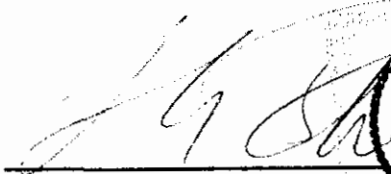
Work was undertaken as a contract by L. G. Phelan.

Contract price was \$3,290.00.

Field work was done by R. Liard, P.Eng., a mining engineer,
graduate of the University of Toronto, registered with the Association
of Professional Engineers of Ontario, with fifteen years experience in
geological and geophysical exploration.

Supervision and report were by L. G. Phelan, M.A.Sc., P.Eng.,
consulting geologist registered with the Association of Ontario, Manitoba,
and British Columbia.

Work was done during July and August, 1966.


L. G. Phelan



Toronto, Ontario
28 October, 1966

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FILM AS TEXT

Sample List.

KIMBERLY COPPER MINES LIMITED

KAMLOOPS, B.C.

Hole No. 1

No.	From	To	Width	% Cu.	
353	10.0	16.0	6.0	0.26	
354	16.0	24.0	8.0	0.59	
355	24.0	32.0	8.0	0.40	} 0.41/56'
356	32.0	40.0	8.0	0.51	
357	40.0	48.0	8.0	0.26	
358	48.0	56.0	8.0	0.38	

Hole No. 2 100E.

359	16.0	24.0	8.0	0.04
360	24.0	32.0	8.0	0.03
361	32.0	40.0	8.0	0.10
362	40.0	48.0	8.0	0.07
363	48.0	56.0	8.0	0.06
364	56.0	64.0	8.0	0.06
365	64.0	72.0	8.0	0.05
366	72.0	80.0	8.0	0.05
367	80.0	90.0	10.0	0.06
368	90.0	100.0	10.0	0.04

Hole No. 3 70W

369	15.0	22.0	7.0	0.15	} 0.18/90'
370	22.0	30.0	8.0	0.21	
371	30.0	40.0	10.0	0.12	
372	40.0	50.0	10.0	0.11	
373	50.0	60.0	10.0	0.21	
374	60.0	70.0	10.0	0.34	
375	70.0	80.0	10.0	0.12	
376	80.0	90.0	10.0	0.19	

Sample List.

Kumberley Copper Mines Limited,

Kamloops, B. C.

Feb. 4, 1967

Hole No. 4

No.	From	To	Width
377	13.0	20.0	7
378	20.0	30.0	10.0
379	30.0	40.0	10.0
380	40.0	50.0	10.0
381	50.0	60.0	10.0
382	60.0	70.0	10.0
383	70.0	80.0	10.0
384	80.0	90.0	10.0
385	90.0	100.0	10.0

10 Cu
0.03
.02
.02
.04
.02
.02
.04
.03

Hole No. 5

386	13.0	20.0	7.0
387	20.0	30.0	10.0
388	30.0	40.0	10.0
389	40.0	50.0	10.0
390	50.0	60.0	10.0
391	60.0	70.0	10.0
392	70.0	80.0	10.0
393	80.0	90.0	10.0

0.05
.03
.04
.03
.02
.03
.06
.05

Hole No. 6

394	10.0	20.0	10.0
395	20.0	30.0	10.0
396	30.0	40.0	10.0
397	40.0	50.0	10.0
398	50.0	60.0	10.0
399	60.0	70.0	10.0
400	70.0	80.0	10.0
401	80.0	90.0	10.0
402	90.0	100.0	10.0
403	100.0	110.0	10.0
404	110.0	115.0	15.0

0.03
.03
.02
.02
.03
.03
.05
.08
.03
.05
.03

SAMPLE LIST.

KIMBERLEY COPPER MINES LIMITED,

KAMLOOPS, B. C.

Feb. 6, 1967

Hole No. 7

No.	From	To	Width
405	10.0	20.0	10.0
406	20.0	30.0	10.0
407	30.0	40.0	10.0
408	40.0	50.0	10.0
409	50.0	60.0	10.0
410	60.0	70.0	10.0
411	70.0	80.0	10.0

% Cu
0.05
.03
.02
.02
.03
.04
.03

Hole No. 8

412	10.0	20.0	10.0
413	20.0	30.0	10.0
414	30.0	40.0	10.0
415	40.0	50.0	10.0
416	50.0	60.0	10.0
417	60.0	70.0	10.0

0.18
.16
.09
.05
.06
.04

Hole No. 9

418	10.0	20.0	10.0
419	20.0	30.0	10.0
420	30.0	40.0	10.0
421	40.0	50.0	10.0
422	50.0	60.0	10.0

0.05
.06
.11
.03
.04

SAMPLE LIST

KIMBERLY COPPER MINES LIMITED.

KAMLOOPS B. C.

Feb 10, 1967

Hole No. 10

No.	From	To	Width
423	13.0	20.0	07.0
424	20.0	30.0	10.0
425	30.0	40.0	10.0
426	40.0	50.0	10.0
427	50.0	60.0	10.0
428	60.0	70.0	10.0
429	70.0	80.0	10.0
430	80.0	90.0	10.0
431	90.0	100.0	10.0
432	100.0	110.0	10.0
433	110.0	120.0	10.0

9 Cu
0.03%
.02
.03
.02
.02
.02
.02
.02
.02
.02
.02

Hole No. 11

434	10.0	20.0	10.0
435	20.0	30.0	10.0
436	30.0	40.0	10.0
437	40.0	50.0	10.0
438	50.0	60.0	10.0
439	60.0	70.0	10.0
440	70.0	80.0	10.0
441	80.0	90.0	10.0
442	90.0	100.0	10.0
443	100.0	110.0	10.0
444	110.0	120.0	10.0
445	120.0	130.0	10.0

.02
.02
.02
.02
.02
.02
.03
.03
.02
.02
.02
.02

Hole No. 12.

446	13.0	30.0	17.0
447	30.0	40.0	10.0
448	40.0	50.0	10.0
449	50.0	60.0	10.0
450	60.0	70.0	10.0
451	70.0	80.0	10.0
452	80.0	90.0	10.0
453	90.0	100.0	10.0

.02
.03
.02
.02
.03
.02
.02
.03

SAMPLE LIST.

KIMBERLEY COPPER MINES LTD.

Kamloops, B. C.

Feb. 19, 1967.

Hole No. 16. 400' ahead of 17

0.0 - 50.0' Casing. No samples. Overburden over 50.0'

Hole No. 17. 400' ahead of 18

0.0 - 50.0' Casing. No samples. Overburden over 50.0'

Hole No. 18. 1,000' ahead of 19.

0.0 - 50.0 Casing. No samples. Overburden over 50.0'

Hole No. 19 200' ahead of No. 20.

No.	From	To	Width	
476	17.0	30.0	13.0	<i>90 Cg</i> 0.059 .06 .05 .07 .03 .03 .04 .07 .05 .06 .03 .03 .03 .04
477	30.0	40.0	10.0	
478	40.0	50.0	10.0	
479	50.0	60.0	10.0	
480	60.0	70.0	10.0	
481	70.0	80.0	10.0	
482	80.0	90.0	10.0	
483	90.0	100.0	10.0	
484	100.0	110.0	10.0	
485	110.0	120.0	10.0	
486	120.0	130.0	10.0	
487	130.0	140.0	10.0	
488	140.0	150.0	10.0	
489	150.0	160.0	10.0	

Hole No. 20. Located at 60X00 S --- 3 X 00 W.

490	15.0	30.0	15.0	0.02 .02 .02 .03 .03 .02
491	30.0	40.0	10.0	
492	40.0	50.0	10.0	
493	50.0	60.0	10.0	
494	60.0	70.0	10.0	
495	70.0	80.0	10.0	

Hole No. 21. Located at 7X00 N -- 9X00 W

0.0 - 50.0' Casing. No samples Overburden over 50.0'

Hole No. 22.

496	15.0	30.0	15.0	0.05 .02 .03 .03 .03
497	30.0	40.0	10.0	
498	40.0	50.0	10.0	
499	50.0	60.0	10.0	
500	60.0	70.0	10.0	

Hole No. 23.

No.	From	To	Width
501	27.0	40.0	13.0
502	40.0	50.0	10.0
503	50.0	60.0	10.0
504	60.0	70.0	10.0
505	70.0	80.0	10.0
506	80.0	90.0	10.0
507	90.0	100.0	10.0
508	100.0	110.0	10.0

GC
0.02
.02
.02
.02
.02
.02
.02
.02

SAMPLE LIST.

KIMBERLEY COPPER MINES LTD.

KAMLOOPS, B. C.

Feb. 22, 1967

Hole No. 24.

0.0 - 50.0 Overburden No samples.

Hole 25.

0.0 - 50.0 Casing. No samples. Overburden over 50.0'

Hole No. 26.

Sample No.	From	To	Width	% Cu
509	20.0	30.0	10.0	0.02%
510	30.0	40.0	10.0	.02
511	40.0	50.0	10.0	.02
512	50.0	60.0	10.0	.02
513	60.0	70.0	10.0	.02
514	70.0	80.0	10.0	.02
515	80.0	90.0	10.0	.02
516	90.0	100.0	10.0	.02
517	100.0	110.0	10.0	.02
518	110.0	120.0	10.0	.02
519	120.0	130.0	10.0	.02
520.	130.0	140.0	10.0	.04
521	140.0	150.0	10.0	.02
522	150.0	160.0	10.0	.02
523	160.0	170.0	10.0	.02
524	170.0	180.0	10.0	.02

Hole No. 27

525	17.0	30.0	13.0	.02
526	30.0	40.0	10.0	.02
527	40.0	50.0	10.0	.02
528	50.0	60.0	10.0	.02
529	60.0	70.0	10.0	.02
530	70.0	80.0	10.0	.04
531	80.0	90.0	10.0	.03
532	90.0	100.0	10.0	.03
533	100.0	110.0	10.0	.02

Hole No. 28

534	23.0	30.0	7.0	.03
535	30.0	40.0	10.0	.03
536	40.0	50.0	10.0	.02
537	50.0	60.0	10.0	.02
538	60.0	70.0	10.0	.02
539	70.0	80.0	10.0	.02

Hole No. 29

Casing 0.0-50.0 No samples Overburden over 50.0'

XERO COPY

XERO COPY

XERO COPY

SAMPLE LIST

KIMBERLEY COPPER MINES LTD.

KAMLOOPS, B. C.

Feb. 24, 1967

Hole No. 30 Located at 28X00E -- 13X00N

Casing 0.0 - 60.0' No samples. Overburden over 60.0'

Hole No. 31 Located at 11X50N -- 27X00E

Sample No.	From	To	Width	% Cu
540	53.0	60.0	7.0	0.02
541	60.0	70.0	10.0	.02
542	70.0	80.0	10.0	.02
543	80.0	90.0	10.0	.02
544	90.0	100.0	10.0	.02
545	100.0	110.0	10.0	.03
546	110.0	120.0	10.0	.01
547	120.0	130.0	10.0	.01
548	130.0	140.0	10.0	.02
549	140.0	150.0	10.0	.02

Hole No. 32 Located at 10X00N -- 26X00E

550	40.0	50.0	10.0	0.03
551	50.0	60.0	10.0	.03
552	60.0	70.0	10.0	.03
553	70.0	80.0	10.0	.02
554	80.0	90.0	10.0	.02
555	90.0	100.0	10.0	.03
556	100.0	110.0	10.0	.03
557	110.0	120.0	10.0	.02
558				

Hole No. 33 Located at 9X00N -- 24X50E

558	23.0	30.0	7.0	0.08
559	30.0	40.0	10.0	0.11
560	40.0	50.0	10.0	.41
561	50.0	60.0	10.0	.15
562	60.0	70.0	10.0	.21
563	70.0	80.0	10.0	.61

} 0.30
50'

SAMPLE LIST

KIMBERLEY COPPER MINES LTD.

KAMLOOPS, B. C.

Feb. 27, 1967

Hole No. 34. Located at 16X00S -- 31X70E (Tie Line) Vertical, Steep slope

564	From 40.0	To 50.0	Width 10.0	0.03
565	50.0	60.0	10.0	.02
566	60.0	70.0	10.0	.02
567	70.0	80.0	10.0	.02
568	80.0	90.0	10.0	.01
569	90.0	100.0	10.0	.01

Hole No. 35. Located at 15X20S -- 32X40E Vertical, steep slope.

570	43.0	50.0	7.0	0.02
571	50.0	60.0	10.0	.01
572	60.0	70.0	10.0	.01
573	70.0	80.0	10.0	.01
574	80.0	90.0	10.0	.01
575	90.0	100.0	10.0	.01
576	100.0	110.0	10.0	.01
577	110.0	120.0	10.0	.02
578	120.0	130.0	10.0	.01
579	130.0	140.0	10.0	.01
580	140.0	150.0	10.0	.01

Hole No. 36. Located at 14X20S -- 33X00E Vertical, Steep slope.

581	30.0	40.0	10.0	0.02
582	40.0	50.0	10.0	.01
583	50.0	60.0	10.0	.01
584	60.0	70.0	10.0	.02
585	70.0	80.0	10.0	.02
586	80.0	90.0	10.0	.03
587	90.0	100.0	10.0	.01
588	100.0	110.0	10.0	.05
589	110.0	120.0	10.0	.05
590	120.0	130.0	10.0	.03
591.	130.0	140.0	10.0	.03
592	140.0	150.0	10.0	.02

Hole No. 37. Located at 12X80S -- 33X80E Vertical, Steep slope

593	20.0	30.0	10.0	0.02
594	30.0	40.0	10.0	.03
595	40.0	50.0	10.0	.02
596	50.0	60.0	10.0	.02
597	60.0	70.0	10.0	.02
598	70.0	80.0	10.0	.03
599	80.0	90.0	10.0	.04
600	90.0	100.0	10.0	.05
601	100.0	110.0	10.0	.03
602	110.0	120.0	10.0	.03
603	120.0	130.0	10.0	.03

Sample List.

KIMBERLEY COPPER MINES LTD.

Kamloops, B. C. Feb. 28, 1967

Hole No. 38

No.	From	To	Width
604	17.0	30.0	13.0
605	30.0	40.0	10.0
606	40.0	50.0	10.0
607	50.0	60.0	10.0
608	60.0	70.0	10.0
609	70.0	80.0	10.0
610	80.0	90.0	10.0

0.02
.14
.49
1.21
.94
.27
.16
} 0.54/60

Hole No. 39

Overburden 60.0' plus. No samples.

Hole No. 40

611	15.0	30.0	15.0
612	30.0	40.0	10.0
613	40.0	50.0	10.0
614	50.0	60.0	10.0
615	60.0	70.0	10.0
616	70.0	80.0	10.0
617	80.0	90.0	10.0

0.48
.19
.28
.47
.34
.27
.42
} 0.35/75'

Hole No. 41

618	15.0	30.0	15.0
619	30.0	40.0	10.0
6 620	40.0	50.0	10.0
621	50.0	60.0	10.0
622	60.0	70.0	10.0

0.23
.46
.31
.31
.34
} 0.33/55'

Hole No. 42

623	28.0	40.0	12.0
624	40.0	50.0	10.0
625	50.0	60.0	10.0
626	60.0	70.0	10.0
627	70.0	80.0	10.0
628	80.0	90.0	10.0

0.03
.01
.01
.13
.51
.38
} 0.34/30'

SAMPLE LIST

KIMBERLEY COPPER MINES LTD.

KAMLOOPS, B. C.

April 18, 1967.

Hole No. 43

No.	From	to	Width
629	40.0	50.0	10.0
630	50.0	60.0	10.0
631	60.0	70.0	10.0
632	70.0	80.0	10.0
633	80.0	90.0	10.0
634	90.0	100.0	10.0
635	100.0	110.0	10.0

To Cu
 0.16
 .11
 .08
 .07
 .05
 .03
 .05

Hole No. 44

Overburden 50.0' plus, no samples.

Hole No. 75

636	50.0	60.0	10.0
-----	------	------	------

0.02

Hole No. 74

637	37.0	50.0	13.0
638	50.0	60.0	10.0
639	60.0	70.0	10.0
640	70.0	80.0	10.0
641	80.0	90.0	10.0
642	90.0	100.0	10.0
643	100.0	110.0	10.0
644	110.0	120.0	10.0

0.24
 .22
 .35
 .29
 .10
 .17
 .05
 .05

Hole No. 73

645	54.0	60.0	6.0
646	60.0	70.0	10.0

0.03
 .03

Hole No. 72

647	10.0	20.0	10.0
648	20.0	30.0	10.0
649	30.0	40.0	10.0
650	40.0	50.0	10.0
651	50.0	60.0	10.0
652	60.0	70.0	10.0
653	70.0	80.0	10.0
654	80.0	90.0	10.0

.03
 .03
 .03
 .03
 .05
 .05
 .05
 .05
 .05

Hole 55

No.	From	To	Width
35453	28	40.0	12.0
454	40.0	50.0	10.0
455	50.0	60.0	10.0
456	60.0	70.0	10.0
457	70.0	80.0	10.0

% Ca
 0.08
 .08
 .09
 .18
 .13

Hole No. 56

No. 35458	14.0	20.0	6.0
459	20.0	30.0	10.0
460	30.0	40.0	10.0
461	40.0	50.0	10.0
462	50.0	60.0	10.0
463	60.0	70.0	10.0
464	70.0	80.0	10.0
465	80.0	90.0	10.0
466	90.0	100.0	10.0

0.02
 .03
 .02
 .13
 .28
 .45
 .33
 .31
 No Sample 7

Hole No. 49

No. 35467	23.0	30.0	7.0
468	30.0	40.0	10.0
469	40.0	50.0	10.0
470	50.0	60.0	10.0
471	60.0	70.0	10.0
472	70.0	80.0	10.0
473	80.0	90.0	10.0
474	90.0	100.0	10.0
475	100.0	110.0	10.0
476	110.0	120.0	10.0
477	120.0	130.0	10.0
478	130.0	140.0	10.0

0.20
 .15
 .12
 .12
 .22
 .20
 .10
 .08
 .06
 .06
 .06
 .05

Hole No. 50

No. 35479	34.0	40.0	6.0
480	40.0	50.0	10.0
481	50.0	60.0	10.0
482	60.0	70.0	10.0
483	70.0	80.0	10.0
484	80.0	90.0	10.0
485	90.0	100.0	10.0

0.39
 .39
 .41
 .45
 .55
 .63
 .46
 } 0.47
 66

Hole No. 51

No. 35486	24.0	30.0	6.0
487	30.0	40.0	10.0
488	40.0	50.0	10.0
489	50.0	60.0	10.0
490	60.0	70.0	10.0
491	70.0	80.0	10.0
492	80.0	90.0	10.0

0.03
 .03
 .05
 .05
 .05
 .07
 .10

Sample List.

Kimberley Copper Mines Ltd.

Kamloops, B. C.

April 23, 1967

Hole No. 52

No.	From	To	Width		<u>% Cu</u>
689	17.0	30.0	13.0		0.04
690	30.0	40.0	10.0		0.03
691	40.0	50.0	10.0		0.02
692	50.0	60.0	10.0		0.02
693	60.0	70.0	10.0		0.02
694	70.0	80.0	10.0		0.02
695	80.0	90.0	10.0		0.02
696	90.0	100.0	10.0		0.02
697	100.0	110.0	10.0		0.01
698	110.0	120.0	10.0		0.02
699	120.0	130.0	10.0		0.02

Hole No. 53

35426	30.0	40.0	10.0		0.02
35427	40.0	50.0	10.0		0.02

Hole No. 57

35428	22.0	30.0	8.0		0.09
35429	30.0	40.0	10.0		0.08
35430	40.0	50.0	10.0		0.09
431	50.0	60.0	10.0		0.04
432	60.0	70.0	10.0		0.08
433	70.0	80.0	10.0		0.02
434	80.0	90.0	10.0		0.02
435	90.0	100.0	10.0		0.02
436	100.0	110.0	10.0		0.02
437	110.0	120.0	10.0		0.02
438	120.0	130.0	10.0		0.02
439	130.0	140.0	10.0		0.02
440	140.0	150.0	10.0		0.02

Hole No. 69

35441	18.0	30.0	12.0		0.12
442	30.0	40.0	10.0		0.04
443	40.0	50.0	10.0		0.04
444	50.0	60.0	10.0		0.07
445	60.0	70.0	10.0		0.08
446	70.0	80.0	10.0		0.07
447	80.0	90.0	10.0		0.16

Hole No. 54

35448	30.0	40.0	10.0		0.05
449	40.0	50.0	10.0		0.04
450	50.0	60.0	10.0		0.07
451	60.0	70.0	10.0		0.04
452	70.0	80.0	10.0		0.07

Sample List.

Kimberley Copper Mines Ltd.

Kamloops, B. C.

April 21, 1967

Hole No. 70

No.	From	to	Width
655	53.0	60.0	7.0
656	60.0	70.0	10.0
657	70.0	80.0	10.0
658	80.0	90.0	10.0
659	90.0	100.0	10.0
660	100.0	110.0	10.0
661	110.0	120.0	10.0

% Cu
 0.0290
 .02
 .02
 .01
 .01
 .02
 .01

Hole No. 71

662	50.0	60.0	10.0
663	60.0	70.0	10.0
664	70.0	80.0	10.0
665	80.0	90.0	10.0
666	90.0	100.0	10.0
667	100.0	110.0	10.0
668	110.0	120.0	10.0

0.16
 .23
 .19
 .18
 .27
 .21
 .21

Hole No. 68

669	48.0	60.0	12.0
670	60.0	70.0	10.0
671	70.0	80.0	10.0
672	80.0	90.0	10.0
673	90.0	100.0	10.0
674	100.0	110.0	10.0
675	110.0	120.0	10.0
676	120.0	130.0	10.0
677	Cancelled.		

0.04
 .03
 .13
 .14
 .13
 .07
 .09
 .08

Hole No. 67

678	30.0	40.0	10.0
679	40.0	50.0	10.0
680	50.0	60.0	10.0
681	60.0	70.0	10.0
682	70.0	80.0	10.0
683	80.0	90.0	10.0

0.42
 .10
 .05
 .08
 .13
 .16

Hole No. 64

684	58.0	70.0	12.0
685	70.0	80.0	10.0
686	80.0	90.0	10.0
687	90.0	100.0	10.0
688	100.0	110.0	10.0

0.02
 .02
 .02
 .02
 .03

SAMPLE LIST.

KIMBERLEY COPPER MINES LTD.

KAMLOOPS, B. C.

April 26, 1967

Hole No. 61

No.	From	to	Width
35493	50.0	60.0	10.0
494	60.0	70.0	10.0
495	70.0	80.0	10.0
496	80.0	90.0	10.0
497	90.0	100.0	10.0
498	100.0	110.0	10.0

Hole No 60.

35499	60.0	70.0	10.0
500	70.0	80.0	10.0
501	80.0	90.0	10.0
502	90.0	100.0	10.0
503	100.0	110.0	10.0

Hole No. 62.

504	60.0	70.0	10.0
505	70.0	80.0	10.0
506	80.0	90.0	10.0
507	90.0	100.0	10.0
508	100.0	110.0	10.0
509	110.0	120.0	10.0

Hole No. 59.

510	40.0	50.0	10.0
511	50.0	60.0	10.0
512	60.0	70.0	10.0
513	70.0	80.0	10.0
514	80.0	90.0	10.0
515	90.0	100.0	10.0
516	100.0	110.0	10.0

Hole No. 45.

517	18.0	30.0	12.0
518	30.0	40.0	10.0
519	40.0	50.0	10.0
520	50.0	60.0	10.0
521	60.0	70.0	10.0
522	70.0	80.0	10.0
523	80.0	90.0	10.0
524	90.0	100.0	10.0
525	100.0	110.0	10.0
526	110.0	120.0	10.0
527	120.0	130.0	10.0
528	130.0	140.0	10.0

XERO COPY

XERO COPY

XERO COPY

XERO COPY

Hole No. 47.

	From		Width
35529	20.0	30.0	10.0
530	30.0	40.0	10.0
531	40.0	50.0	10.0
532	50.0	60.0	10.0
533	60.0	70.0	10.0
534	70.0	80.0	10.0
535	80.0	90.0	10.0
536	90.0	100.0	10.0
537	100.0	110.0	10.0
538	110.0	120.0	10.0

Hole No. 46.

539	20.0	30.0	10.0
540	30.0	40.0	10.0
541	40.0	50.0	10.0
542	50.0	60.0	10.0
543	60.0	70.0	10.0
544	70.0	80.0	10.0
545	80.0	90.0	10.0
546	90.0	100.0	10.0
547	100.0	110.0	10.0
548	110.0	120.0	10.0

Hole No. 48.

549	10.0	20.0	10.0
550	20.0	30.0	10.0
551	30.0	40.0	10.0
552	40.0	50.0	10.0
553	50.0	60.0	10.0
554	60.0	70.0	10.0
555	70.0	80.0	10.0
556	80.0	90.0	10.0
557	90.0	100.0	10.0
558	100.0	110.0	10.0
559	110.0	120.0	10.0
560	120.0	130.0	10.0
561	130.0	140.0	10.0
562	140.0	150.0	10.0

Hole No. 58.

563	18.0	30.0	12.0
564	30.0	40.0	10.0
565	40.0	50.0	10.0
566	50.0	60.0	10.0
567	60.0	70.0	10.0
568	70.0	80.0	10.0
569	80.0	90.0	10.0
570	90.0	100.0	10.0
571	100.0	110.0	10.0
572	110.0	120.0	10.0
573	120.0	130.0	10.0
574	130.0	140.0	10.0
575	140.0	150.0	10.0

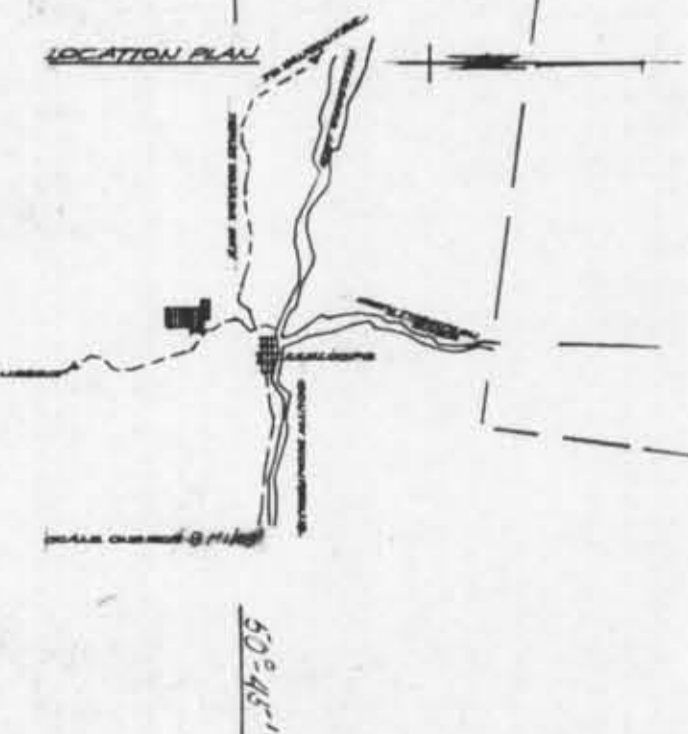
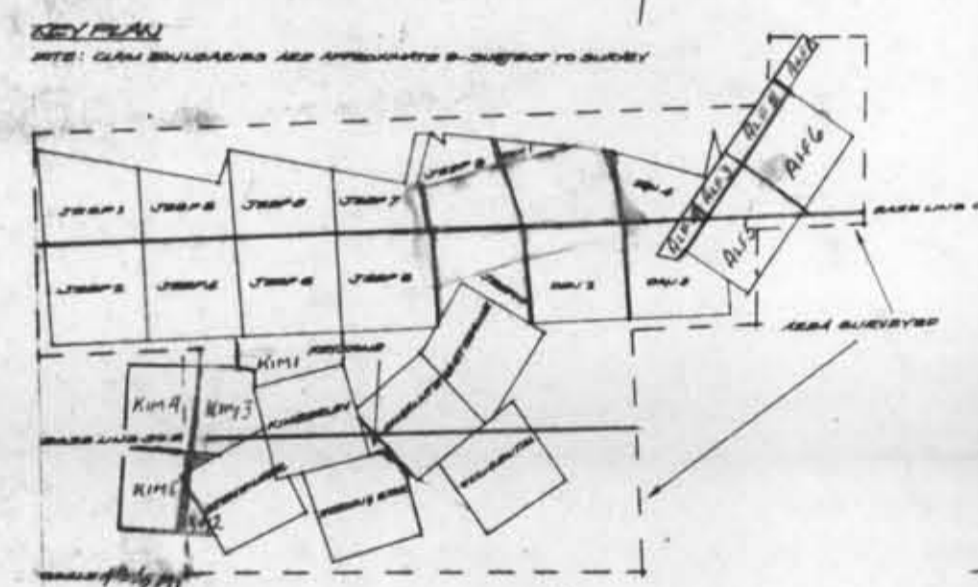
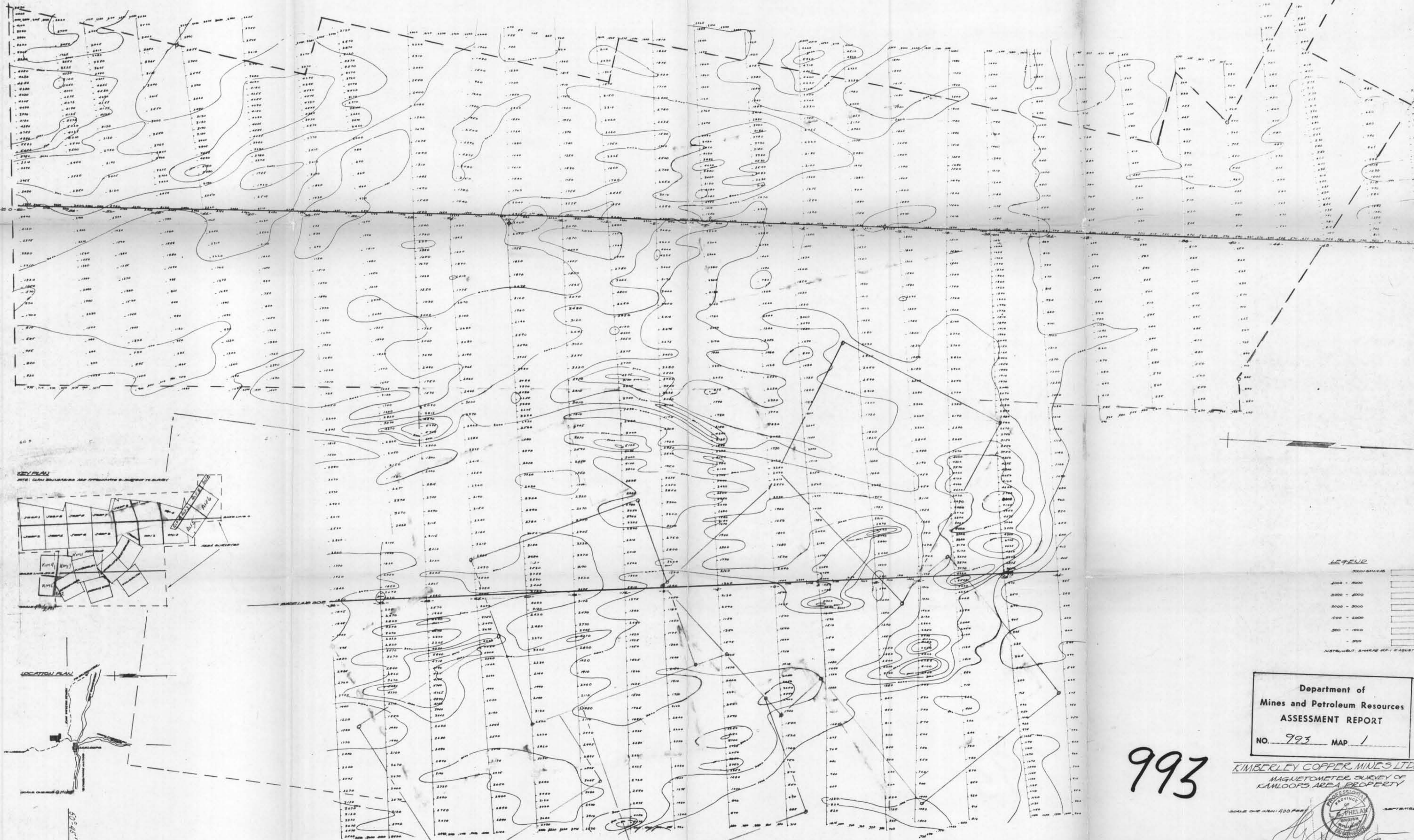
XERO
COPY

XERO
COPY

XERO
COPY

Hole No. 63.

No.	From	To	Width
35576	70.0	80.0	10.0
577	80.0	90.0	10.0
578	90.0	100.0	10.0
579	100.0	110.0	10.0
580	110.0	120.0	10.0



LEGEND

2000 - 3000	
3000 - 4000	
4000 - 5000	
5000 - 6000	
6000 - 7000	
7000 - 8000	
8000 - 9000	
9000 - 10000	

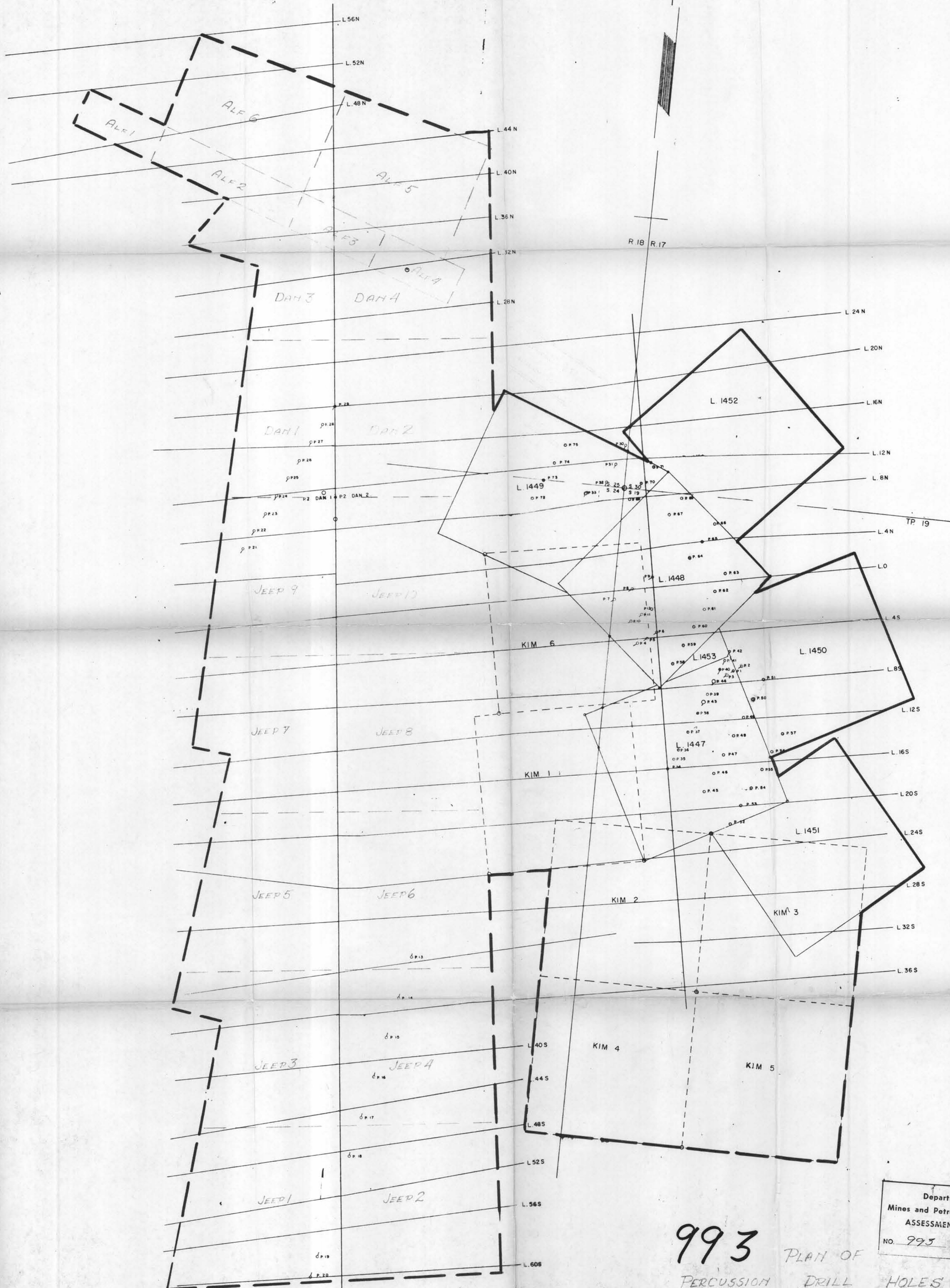
NOTE: UNIT: GAUSS (100 GAUSS = 10000)

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 993 MAP 1

993

KIMBERLEY COPPER MINES LTD. W.P.L.
MAGNETOMETRIC SURVEY OF
KANLOORS AREA PROPERTY

SCALE ONE INCH = 400 FEET
PROFESSOR OF
GEOLOGY
UNIVERSITY OF
TORONTO
Exp. Date: Jan. 25, 1966



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 993 MAP 2

993 PLAN OF
PERCUSSION DRILL HOLES
KIMBERLY COPPER MINES LTD.
KAMLOOPS AREA B.C.



1:100000=400 FEET

12 MAY 67