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82E/3
Kettle River

30 August, 1983

MEMO TO: Dr. R.I. Thorpe

FROM: Dr. K.M. Dawson

SUBJECT: Cordilleran specimens for Pb isotope analyses collected in the 1983 field season

Spec. No., Name	NTS Latitude Longitude	Remarks
DY 2596 Roman	105A/2 60°00'N 128°36'W	30 cm quartz-siderite-galena vein in folded phyllitic siltstone, on E side Liard R at BC-Yukon border.
DY 2617 Silvertip (Midway)	1040/16 59°55'N 130°20'W	Weathered galena 'veins' in McDame limestone at top of hill.
DY 2618 Silvertip (Midway)	"	Weathered galena outcrop on west side of hill above upper adit portal. In McDame limestone.
DY 2623 (DM-1) Midway	"	DDH MW 81-03: 44.7 m. 'Shale-hosted' upper zone mineralization: quartz-pyrite-galena-sericite. Make separate specimen for X-Ray identification.
DY 2624 (DM-2) Midway	1040/16 59°55'N 130°20'W	DDH MW 82-08: 207.1 m Lower zone, 'carbonate-hosted' mineralization: Massive, coarse grained pyrite-galena-sphalerite.
DY 2625 (DM-3) Midway	"	DDH MW 82-10: 256.5 m Lower zone, 'carbonate-hosted' mineralization: Coarse grained galena + pyrite-sphalerite composite grains, quartz gangue.
DY 2626 (DM-4) Midway	"	DDH MW 83-24: 60.2m Sulphide rich vein in vicinity of '0' zone. Vein cuts grey, finely laminated shale turbidite and small quartz veinlets: Disseminated galena in core grades outward to coarse grained pyrite-sphalerite, and to alternating laminae of pyrite and sphalerite at vein wall.
DY 2627 YP	105B/1 60°03'N 130°23'W	Small (.5 m) calcite-galena-sphalerite vein parallel to bedding in recrystallized Cambrian limestone 050/15 SE, about 1 km east of Cassiar batholith contact. Oxidized; Fe and Mn oxides. E hill.
DY 2628 YP	"	Hand trench on middle hill; vein 0.5 m wide: calcite, Mn-siderite, galena, sphalerite: 130/90. Up to 30 oz/± Ag.

Spec. No., Name	NJS Latitude Longitude	Remarks
DY 2630 Lola	105B/1 60°00'N 130°28'W	6" to 2' wide vein of galena, dark brown sphalerite, minor chalcopyrite and pyrite with quartz-chlorite-minor sericite. Reported 30 oz/+ Ag. Host: granodiorite of Cassiar Batholith.
DY 2666 Mt. Hundere	105A/10 60°31'N 128°52'W	DDH S-71: 139' Pale green actinolite skarn with vuggy quartz veins, disseminated quartz and galena. Assay for Ag, Pb, Zn.
DY 2669 Mt. Hundere	"	DDH S-73: 131' Very similar to DY 2666. Possibly late quartz-Pb-Ag system superimposed on skarn. Assay for Ag, Pb, Zn.
DY 2723 Bar (80652)	105C/8 60°30'N 132°14'W	Intensely silicified conglomerate or breccia with galena, sphalerite, pyrite ± barite, Mn oxides. May be feeder zone to stratiform barite-pyrite-Pb-Zn.
DY 2818 Lang Ck (Cassiar dist.)	104P/4 59°14'N 129°47'W	2-3 m thick pyrrhotite-chalcopyrite-sphalerite massive sulphide near base of Sylvester Group, hosted by cherty argillite, overlain by basalt (greenstone). No visible galena - try mineral separation.
DY 2850 Cyclops	82E/2 49°07'N 118°33'W	Green sphalerite-galena-actinolite(?) skarn. Old shaft, dump 600 m S of Oro Denoro pit, Phoenix camp. First lead reported from skarn in district.
DY 2834 BC mine	82E/1,2 49°08'N 118°23'W	New Kettle River Resources trenches 3000' E of BC mine; Phoenix camp. Black sphalerite-magnetite-pyrite-pyrrhotite-chalcopyrite skarn, in Brooklyn limestone. No visible PbS, try mineral separation for galena.
DY 2851 Erickson Au	104P/4 59°13'N 129°40'W	Table Mtn-Vollaug vein: galena in massive quartz, from underground workings.
DY 2852 Erickson Au	"	Plaza Resources pit on Vollaug vein. Galena in massive white quartz.
DY 2853 Erickson Au	104P/4 59°12'N 129°39'W	Cusac mine: trench 50 m S of portal. Galena in quartz-carbonate altered listwanite.

